WHO'S WHO IN ISRAEL

1973-74

SPECIAL JUBILEE ISSUE
(ISRAEL 25TH ANNIVERSARY)

WHO'S WHO IN ISRAEL

AND IN THE WORK FOR ISRAEL ABROAD

1973-74

SPECIAL JUBILEE ISSUE

(ISRAEL'S 25th ANNIVERSARY)



16TH BIANNUAL PRINTING

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WHO'S WHO IN ISRAEL

INCLUDING OUTSTANDING FIGURES IN THE ZIONIST MOVEMENT

AND THE WORK FOR ISRAEL

(revised and reissued biannually)

16 PRINTING

SPECIAL JUBILEE ISSUE 1973-74

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האנציקלופדיה הביוגרפית וספר־המידע הישראלי־ציוני

מי ומי בישראל ובפעולה למען ישראל בתפוצות

המהדורה ה־16 (אנגלית) 74—1973

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REUVEN RUBIN CROWNING OF THE TORAH, 1968

PREFACE

This issue of WHO'S WHO IN ISRAEL *is dedicated to the 25th anniversary of the State of Israel. Those who refer to this book for information will find short biographical data of thousands of Israeli perosnalities who distinguished themselves in the various spheres of life of the young state and who have contributed to Israel's achievements. The book contains also biographies of many Jews all over the World who are active in the work for Israel and ho are the pride of the whole Jewish people. The second part of the book contains reviews and advertisements of hundreds of Zionist and Jewish organizations, cultural and educational institutions, economic, banking and industrial enterprises, ventures in the field of communication and tourism. All these reflect Israel's dynamical development and the stormy life of the state that celebrated in 1973 its 25th anniversary.*

Significant is the fact that before Israel had completed the 25th year of its independence, it had to fight again through a hard war – the fourth in a quarter of a century – the "Yom Kippur War". Heroically, the hard-pressed Israeli people held out against this attempt, too, and resisted the schemes of its enemies. Israel continues on the road of progress and development.

The issues of WHO'S WHO IN ISRAEL *that have appeared regularly since 1948, have acquired a reputation as a source of information on events in Israel and on outstanding personalities in its social, economic, public and political life. This is the 16th edition (besides the two Hberew editions that have appeared so far as a new feature of our publishing firm). This is the only authentical, comprehensive Israeli information book and we did our best to include in it as many details as possible. We also took care to give the book an attractive form (high-quality paper, nice binding, pictures and illustrations) in spite of the*

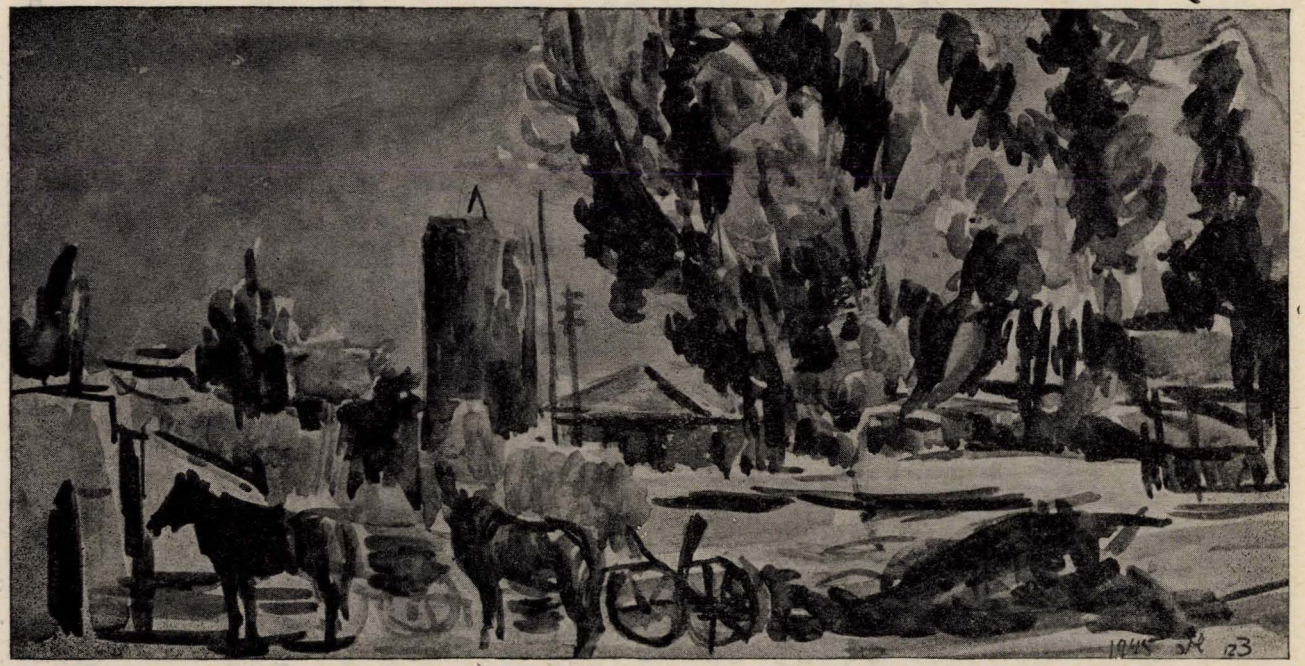
highly raised costs of production and notwithstanding the difficulties caused by the Yom Kippur War.

We are aware that, in spite of our efforts, the book does not yet comprise all subjects and personalities. We have not reached thousands of outstanding Jews all over the world who are active for Israel's benefit and whose name deserves to be mentioned in our book. We use, therefore, this opportunity to ask all those who work for Israel in various fields, to help us and to send us their biographies so that we can include them in the coming editions. This appeal refers also to many Israelis, personalities and institutions, who are not yet conscious of the value of publicity.

Publicity in WHO'S WHO IN ISRAEL *is not only a matter of prestige or respect, but a matter of great usefulness in the modern age of communication. Join, therefore, the march of our time and publish in* WHO'S WHO IN ISRAEL *and thus you will gain publicity!*

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ISRAELI WHO'S WHO PUBLICATIONS LTD.



SHORR ZVI

KIBBUTZ GIVAT HASHLOSHA (1945)

LIST OF ABBREVIATIONS

A

A.C. — World Zionist Actions Commitee
Acad. — Academy, academical
A.C.C.A. — Association of Corporate & Certified Accountants
Adm., admin. — Administration, Administrative
Adv. — Advocate, advisor, advisory
AEC — Atomic Energy Commission
Aff. — Affairs
Agcy — Agency
Agric. — Agriculture, agricultural
Agron. — Agronom, agronomic
AIAA — Associate of the Institute of Chartered Accountants
AJC — American Jewish Committee
AJCN — American Jewish Congress
Am., Amer. — American
AMI — Associate member of the institute
App. — Appointed, appointment
Appl. — Applied
Arch. — Architect, Architecture
Archeol. — Archaeolog, Archaeology
Assbly — Assembly
Assist., Ass. — Assistance, Assistant
Assn — Association
Assoc. — Associate, Association
Att. — Attorney, attended
Auth. — Author, authority
Aw., awrd — Award, awarded

B

b. — Born
B. — Bachelor
B.B. — Bnai Brith (Lodge)
BBA — Bachelor in Business Administration
B.C.E. — Bachelor in Civil Engineering
B.C.L. — Bachelor in Civil Law
B. Comm. — Bachelor in Commerce
BCS — Bachelor in Commerical Sciences
B.E. — Bachelor of Education
B. Econ. — Bachelor in Economy
B. Eng. — Bachelor in Engineering
B.H.L. — Bachelor in Hebrew Literature
Bld., Blvd — Boulevard
Brd of Dep. — Board of Deputies
Brd of Dirs. — Board of Directors
B.S., B.Sc. — Bachelor of Science
Bus. — Business

C

C. — Council
C.C. — Central Committee
CCP — College of Chest Physicians
CE — Civil Engineer, Civil Engineering
Ch. — Children
Ch.E. — Chemical Engineer
Chem. — Chemistry
Chmn — Chairman
Chpt — Chapter
Cngrn — Congregation
Cngs — Congress
Cnslt — Consultant
Cnvn — Convention
Coll. — College, collection
Comm. — Commission, Commerce, commercial, Command, commander
Confed. — Confederation
Confer. — Conference
CPA — Chartered Public Accountant
Cpt — Capitain, Captain
CSR — Czechoslowakia
C'tee — Committee

D

d. — Daughter
D.Ch. — Doctor of Surgery
D.E., D. Econ. — Doctor in Economics
Dec. — Deceased, December
D.Ed. — Doctor of Education
Dep. — Deputy, deputies
Dev. — Development
Dgr. — Degree

D.His. — Doctor in History
Dipl. — Diploma, diplomatist
Dir. — Director, directorate
Distr. — District
Div. — Division, divorced
D.Mus. — Doctor in Musicology
do. — ditto, as above
D.P.H. — Doctor, diploma, in Public Health
Dpt. — Department
D.Rer.Pol. — Doctor in Political Sciences
D.Sc. — Doctor in Science
D.Sc.N. — Doctor in Natural Sciences

E

Ec., Econ. — Economist, economics
Educ., ed. — Education
Ed., edit. — Editor, edition, edited
Exec. — Executive
Eng. — Engineer, engineers
Engn. — Engineering
Exhib. — Exhibition, exhibited

F

f. — for, from, formerly
F. — Fellow
FAO — Food & Agricultural Organization (UNO)
Fcty — Faculty
Fed., Feder. — Federation, federal
Fnd, Fndn — Fund, Fundation
Fin. — Finance, financial
FICS — Fellow, International College of Surgeons
Fllw — Fellow
Flwshp — Fellowship
FRCP — Fellow, Royal College of Physicians
FRCS — Fellow, Royal College of Surgeons
Frgn — Foreign
FRES — Fellow, Royal Economy Society
FRGS — Fellow, Royal Geographical Society
FRS — Fellow, Royal Society

G

Gen. — General
Govt., Gvt. — Government, governmental
Gvrnr — Governor, Governors
Grad. — Graduate
Gall. — Gallery
Gym. — Gymnasium
Gr.S. — Grammer School
Geogr. — Geography, geographical

H

H.C., Hon. C. — Honoris Causa
H., Hebr. — Hebrew
Hist. — History, historical
H.L. — Hebrew Literature
Hon. — Honorary, honoured, honours
Hosp. — Hospital
H.U. — Hebrew University Jerusalem
HUC — Hebrew Union College
H.S. — High School

I

I.A.E.C. — Israel Atomic Energy Commission
I., In., Inst. — Institute of, for
IBS, IBA — Israel Broadcasting Service (or) Authority
ICS — International College of Surgeons
IDF — Israel Defence Forces
ILO — International Labour Organisation
ILP — Independent Liberal Party
Indep. — Independent, independence
Inform. — Information
Ing. — Ingenieur
Instr. — Instructor, Instruction
Intl — International
IPO — Israel Philharmonic Orchestra
ISS — Israel Surgical Society
IZL — Irgun Zevayi Leumi

J

J. — Jewish
J.A. — Jewish Agency for Israel
J.C. — Jewish Congress
JDC — Joint Distribution Committee (USA)
Jer., Jerus. — Jerusalem
Jew. — Jewish, Jewry
JNF — Jewish National Fund
J.Th.S. — Jewish Theological Seminary of America

K

KKL — Keren Kayemeth
KH, KH UIA — Keren Hayesod

L

Lab. — Laboratory, laboratories
Lctr — Lecturer
Leg. — Legal
Lieut. — Lieutenant
Lit. — Literature, literary
LL.B. — Bachelor of Laws
LL.D. — Doctor of Laws
LL.M. — Master of Laws
Loc. — Local, locality

M

m. — Married
M. — Master
M.B. — Bachelor of Medicine
Mbr — Member (of)
M.D. — Doctor Medicine
M.E. — Mechanical Engineering
M.E.E. — Master of Electrical Engineering
Mech. — Mechanics
M.F.A. — Minitry of Foreign Affairs
Min. — Ministry, Minister
M.K. — Member of the Knesset (Parliament)
Mng. — Manager, managing
Mov's — Movement, Movements
M.P.A. — Master of Public Administration

N

Natl — National

O

Org's — Organization, Organizations, organized
Off. — Office, Official, Officer

P

p. — past, formerly
Pal. — Palestine
P.H. — Public Health
Pharm. — Pharmacy, pharmacology, pharmacist
Phys. — Physics, Physical
P.M. — Prime Minister
Prod. — Production, productivity
Pres. — President, Praesidium
Priv. — Private
Prof. — Professor, professional
Pty — Party
Publ. — Publications, published

R

Recip. — Recipient, received
Ref. — Reference, referee
Reg. — Region, regional
Rehab. — Rehabilitation
Rel. — Religion, religious
Relat. — Relations
Rep. — Representative
Res. — Research, Residence
Ret. — Retired
RSR, Rum. — Rumaina
Rsv. — Reserve

S

s. — son, since
Sch. — School
Sci. — Sciences
Scndy — Secondary
Sct — Section
Scty, Socty — Society
Sec., Secr. — Secretary, Secondary
Smnry — Seminar, Seminary
Sng — Synagogue
Snr — Senior
Snr Lctr — Senior Lecturer
Soc. — Social, socialist
Sq. — Square
Srg. — Surgeon, Surgery
Syn. — Synagogue

T

T.A. — Tel Aviv
Theol. — Theology, Theological
Transl — Translator, translation
Transp. — Transports
Treas. — Treasurer, Treasury

U

U. — University
Un. — Union

V

v. — Vice
Visit. — Visiting (Professor)
Vlt., Vlnt. — Voluntered
Vocat. — Vocational
Vol., Vols — Volumes
V.P. — Vice President

W

w. — With
WHO — World Health Organization (UNO)
WIZO — Women's International Zionist Organization
WJC — World Jewish Congress
Wld — World
Wlf — Welfare
WZC — World Zionist Congress
WZO — World Zionist Organization

Z

ZAC — Zionist Actions Committee
ZOA — Zionist Organisation of America
ZOC — Zionist Organisation of Canada



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PART I

PERSONALIA

THE ISRAELI PARLIAMENT – THE 8th KNESSETH

Elected on December 31, 1973, the 8th Knesseth has convened on January, 1974 in Jerusalem to take the members' oath and to elect the Speaker.

Mr. Israel Yeshayahu (Marakh), has been elected Speaker of the House.

Deputy Speakers: Porat Mordechai and Yudin Yehuda (Maarakh); Abramov Shneur Zalman and Keshet Ben-Zion (Likud); Scheinman Pinchas (NRP).

THE MEMBERS OF THE 8TH KNESSETH ARE AS FOLLOWS:

MAARAKH (Alignment Labour-Mapam), 51 seats: Almogi Joseph, Almoselino-Arbeli Shoshana, Alon Igal, Amorai Adiel, Ankorion Ari, Baram Moshe, Ben Aharon Yitzhak, Ben Porat Mordechai, Carmel Moshe, Coren David, Dayan Moshe, Eben Abba, Efrath Aharon, Eliav Arieh, Finerman Uzi, Galili Israel, Gewelber Abraham, Grosman Chaika, Guershoni Zvi, Guez Mathilda, Hakohen Menachem, Halfon Ben-Sion, Harish Michael, Herlitz Esther, Hillel Shlomo, Kargman Israel, Katzav Nozahat, Levin Shalom, Meir Golda, Moyal Eliahu, Namir Orah, Navon Itzhak, Offer Abraham, Peres Shimon, Rabin Itzhak, Ronen Eiezer, Sapir Pinhas, Sarid Joseph, Shachal Moshe, Silberberg Abraham, Talmi Meir, Vertman Moshe, Yaacobi Gad, Yadlin Aharon, Yafe Aviad, Yariv Aharon, Yeshayahu Israel, Yudin Yehuda, Zadok Haim Joseph, Zakin Dov, Zuabi Abdul Aziz.

LIKUD, 39 seats: Abramov Shneur Zalman, Arens Moshe, Aridor Yoram, Bader Jochanan, Beeri Yedidya, Begin Menachem, Cohen Geula, Cohen Meir, Corfu Haim, Drobles M., Dizian Leon, Ehrlich Simcha, Flumin Yechezkel, Groper Pesach, Halevi Benjamin, Horovitz Igal, Katz Avraham, Keshet Benzion, Kremerman Joseph, Landau Chaim, Levi David, Lin Amnon, Livni Eitan, Modai Itzhak, Nissim Moshe Benyamin, Nof Akiva, Patt Gideon, Peretz Itzhak, Rimalt Elimelech, Sharon Ariel, Shechterman Abraham, Shamir Itzhak, Shuval Zalman, Shostak Eliezer, Tamir Joseph, Tamir Shmuel, Ulmert Ehud, Yedid Menachem, Yoffe Abraham.

NATIONAL RELIGIOUS PARTY, 10 seats: Abu-Hatzeira A., Avatavi Eliezer, Burg Joseph, Ben-Meir Yehuda, Hamer Zevulun, Hazani Michael, Melamed Abraham, Raphael Itzhak, Scheinman Pinchas, Warhaftig Zerach.

HAZIT TORATIT (Torah-Front), 5 seats: Abramovitz Yehuda Meir, Kahana Kalman, Lorincz Shlomo, Porush Menachem, Verdiger Avraham.

INDEPENDENT LIBERALS, 4 seats: Hausner Gideon, Kol Moshe, Seidel Hilel, Shaari Yehuda.

RAKAH (New Communist), 4 seats: Levenbraun A., Toubi Tufik, Vilner Meir, Ziad Tufik.

CITIZENS RIGHTS, 3 seats: Aloni Shulamit, Friedman Marsha, Moav Boaz.

MINORITIES, 2 seats: Alzuabi Seif Adin, Muadi Jaber.

MOKED, 1 seat: Pa'il Meir.

BEDOUIN LIST, 1 seat: Dabia H.A.

A

ABARBANEL, Saul (Shalom); Professor of Appl. Math.; Vice-Rector, Tel-Aviv U., 72- (chmn, Dpt. of Applied Math., 64-70; Dean, Sch. of Sci., 66-70); b. in Montclair, N.J., 1.6.1931; ed.: B.Sc., M.Sc. (aeronaut. eng.), M.I.T.; Ph.D. (theoretical aerodinamics), M.I.T., 59; m.: Joan Wantman; ch.: Dan, Yoseph, Tania; p. res. assoc., MIT; Fllw Weizmann Inst. of. Sci. (60-61); Asst. Prof., 61-64 & Visit. Prof., MIT, 70-71; publ.: in Kinetic Theory of Gases, Fluid Mech., Numerical Methods f. Hyperbolic Systems.

Ramat-Aviv, Tel-Aviv.

ABBELL, Fannie S.; bus. exec., commun. worker; perm. mbr: Hadassah, Pioneer Women, Z.O. a. all the Am. Orgs. f. Israel; b. 21.2.1902, Chicago, Ill.; m.: Maxwell Abbell (dec.); ch.: Samuel, Nahami, Miriam Rosenblum, Ruth Ben-Jehuda, Michael; partner, Russ Bldg, SF, 55-; chmn, brd, Abbell Mngmt Co., 57-; brd pres., Willard Hotel Operating Co., Wash., 57-; Sutter Bldg, Shell Towers, Montreal; brd trustees, Chgo women's div., Am. Friends HU; brd dirs, Chgo div., JNF, JTSA; chmn brd, pres., Abbell Family Found; recip.: Louis Marshall award, JTSA, 58; woman of valor award, Isr. Bonds, 60; dist. serv. award, JNF, 61; Ben Gurion Award, 61; natl benefactors award, JTSA; bronze medal, Isr. Bonds, 68.

1040 Lake Shore Drive, Chicago Illinois 60611, USA.

ABEL, Uzy; economist; Dir., Pensions Dpt. of the Histadruth, 70-; b. in Israel, 18.8.1933; ed.: Hebrew U. Jer.; m. Ziva Dagan, 1960; 2 d.; 1 s.; p. Dep. Commissioner of Insurance, Ministry of Finance; publ.: articles in the Economic Quarterly & in Davar.

Ben Shemen (Childrens Village); tel. 962467.

ABELES, Walter; M.D., head, Kupat Holim, Jerusalem Distr,; p. Ambas. to Costa Rica & Nicaragua (66-69); b. in Rumania. 24.8.1903; m. Cilla Nehamkis; 1 s.; educ.: U. of Liège; to Israel, 1933; Ambass. to Columbia, 60-63; mbr exec., Israel Medical Ass., Govt Health Council.

24 Redak St., Jerusalem; tel. 36678.

ABELOFF, Abram Joseph; surg.; chmn, med. advis. brd, Am. Jew. J.D.C.; b. 19.3. 1900, N.Y.C; educ: Columbia University, AB., 22; M.D., 26; m. Gertrude Theresa Kopsch; 1 s.: Tobias Samuel; sub-surg. interne at Presbyterian Hosp., N.Y.C., 26-27; interne, Lenox Hill Hosp., 27-29; res. assist., Inst. Pathology, U. of Freiburg, Germany, 29; surg. serv., Frankfurt U., Vienna U., 30; adj. surg., Beth Israel Hosp., 30-37; assoc. surg., Neurol. Hosp., N.Y.C.; Lenox Hill Hosp., chief surg., 36-42; surg., Lexington Sch. Deaf; assoc. clin. prof. surg. N.Y.; advis. brd, Paul Baerwald Sch. Soc. Work, Paris; p. Pres., now Treas. & Trustee Physicians Home; served as Col. M.C., A.U.S. Surg. cons., hosp. cmmdr., 42-46; Dipl. Am. B. Surg. Fllw Am. Coll. Surgs., Brazilian Coll. Surgs.; mbr.: N.Y. Acad. Med., N.Y. Surg. Scty, A.M.A., Am. Bibliog. Scty; Trustee: Assoc. Alumni, P. & S. Columbia (Pres., 56-57); Columbia U., 59-65.

70 East 77th St., New York 10021, USA.

ABIR (Abramovitz), David; B.Sc.(Eng.); M.Sc. (Ae.E.); Ph.D.; A.M.I. Mech. Eng.; A.F.R.Ae.S.; M.I.A.S.; Assoc. Prof. & head, Dpt. of Aeronautical Eng., Technion; Head, Dpt. of Mechanics, Technion; mbr, Natl Council f. Civil Aviation; b. Kaunas (Lithuania), 1922; m. Ora Zigelroit; ed.: London U.; Polytechnic I. of Brooklyn, N.Y.; Dov Hoz Prize (44); publ. "Aerodynamics" (Ruppin Prize, 59); "Flight Training"; "Topics in Applied Mechanics" — Memorial Volume, to late Prof. E. Schwerin (64), etc.; research work in aeronautics & applied mechanics.

72 Horev St., Haifa; tel. 86928.

ABRAHAMI, Ora; painter; bç in Israel, 1935; studied painting w. Syoma Baram, Aba Fenichel, Tuviya Beeri, Alexander Stephan; Bezalel & Painters Assn; m. Uzy Abrahami; d., Renanit; s.: Dubi, Alon; mbr: Isr. Paint. Sculpt. Assn, B'nai B'rith, Suroptimists; one-man shows: Tel-Aviv, Beer-Sheva, Rishon Lezion, Rehovot; part.: gen. exhibs of Isr. Paitners Assn; gen. exhibs. in the USA (New York), Canada, Cyprus, Rhodos, Turkey, etc.

5 Eyn Hakoreh St., Rishon Lezion; tel. 941606.

ABRAHAMOWICZ, Uriel; Head, Trade Union Dpt., Histadruth, 69-; p. Dep. Mayor of Ramat Gan, 67-69; b. 29.9.1915, Vienna; ed.: uncompleted law & sociolog. studies; to Israel, 1934; m. Kaete Svoboda; s. Daniel; d. Yael; Mbr, Labor Secrt. & Exec. Histadruth; p. Mbr & Finan. Secret., Kibb. Kfar Ruppin (-43); Trade Union Secret. & Secret. of Workers Council, Ramat Gan & Givatayim (45-64); mbr & dep.-chmn, Trade Union Section & mbr, Secretariat Labour Fed. (63-66); mbr, mngm. & manpower dpt., Solel Boneh (66-67); articles on labor & municip. topics in "Davar"; re-elected, 69-; temporarily, Mayor, Nov. 69; resigned, Dec. 69, to serve as head, Trade Unions dpt., Histadruth.
Ramat Gan; tel. 744458.

ABRAHAMS, Benjamin; public accountant; Assoc., Australian Scty of Accountants; trustee (p. pres.), Judean League of Victoria; Exec. mbr.: K.H., U.I.A.; Life-Mbr of Exec., J.N.F.; b. 25.1.1894, Melbourne, Victoria, Australia; p. Vice Pres., State Zionist Cl. of Victoria; Hon. auditor, Victorian J.N.F.; Vice Pres., Hon. auditor, Friends of H.U., Victoria; Secr., East Melbourne Synagogue.
3 Maryville St., Ripponlea 3182, Victoria, Australia.

ABRAHAMS, Samuel; lawyer; free-lance writer; b. 3.12.1923; ed.: Brooklyn Coll., B.A., 45; Columbia Un., M.A., 46; Brooklyn Law Sch., J.D., 56; N.Y. Un., Sch. of Law, L.L.M., 61; m.: Ida Savitzky; active in: Z.O.A.; Religious Zion. of Am.; Young Isr. of Flatbush; Am. Bar Assn; Brooklyn Bar Assn; Brooklyn Coll. Alumni Assn; Edit. Brd of Barrister, publ. of B-lyn Bar Assn; Ed. Brd of B-lyn Coll. Alumni Bull.; p. Pres., Stephen Wise Young Adult Dist. of ZOA; p. cand. f. N.Y. State Senate on Rep. Pty ticket in Brooklyn, N.Y.; p. B-lyn Chmn of Atlantic Un. C'tee; book: "Law in Family Conflict"; author of over 150 articles on Israel, law, travel, politics and related areas; writer of reviews of books & theater; lctr & show slides on Jews around the world; lctr on family & matrimonial law; traveled in Africa, S.A., Far East, Australia, N. Zealand, Europe & Israel (5 times); cit.: Veterans of Frgn Wars Award f. Crusade Against Wrld Communism; visit Israel, 57, 61, 64, 68, 70.
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ABRAHAMI, Ora; painter; b. in Israel, Pharm. & Therap.; M.D., F.R.C.P.I.; chmn, J.P.A., Ireland; Pres., Friends of H.U., Dublin; b. 24.4.1921, Dublin; educ.: Sandford Park Sch., Dublin; Dublin U. (grad. w. hon., M.B., B.Ch., B.A.O., 44); m.: Marcia G.; ch.: David Michael, Leonard William, Lesley Ann; Visit. Physician & phys. in charge of Cardiac Dpt., Richmond Hosp., Dublin; p. tutor in med., Dublin University; p. Asst. Prof. of Med. R.C.S.I.; p. chmn, Jew. Med. Scty of Ireland; p. Pres.; Dublin Jew. Stud. Un.; Biological Scty, R.C.S.I.; Dublin Jew. Progressive Cngrn; p. vice-pres., Royal Coll. of Physicians of Ireland; Fllw of Royal Acad. of Med. in Ireland; mbr: Irish Cardian Scty, Clinical Club, Dublin U. Club, Corrigan Club; numerous sci. articles in Irish med. journals.
40 Fitzwilliam Place, Dublin 2, Ireland.

ABRAHAMSON, Zvi; business mng.; Mng. Dir., I.S.L. Industrial Services Ltd. & mbr brd of various other companies; b. Berlin, 28.2.1933; grad, Tel-Aviv U., B.Sc.; m. Ruth Schmidt; ch.: Doron, Vered, Ronen; p. ass. head, financial dpt, "Koor" Ltd.; founder, jointly w. Bank fuer Gemeinwirtschaft of a/m company & business mng. thereof.
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5/4 Sikun Miltchan, Rehovot.

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ABRAMS, Samuel L.; bus. exec., partner, Bellamy & Abrams, Public Relations; Chmn of: J.N.F. (exec. comm.), Bonds f. Isr. (exec. comm.), Bellefaire Jew. Orphan House (brd mbr); p. Pres., B'nai Brith; brd mbr: Menorah Park Home f. Aged, Park Synagogue, Jewish News; b. Cleveland, Ohio, 28.7.1912; ed.: Western Reserve U., B.A.; Cleveland State U., Jur. Dr.; m. Anne Roth, 1934; d. Susan Cohen; s. Arnold Bruce; p. Pres.: Suburbia Savings Assn, Ohio Advertising Ag. Inc.; mbr: City Club of Cleveland, Advertising Club, Gt. Cleve. Growth Assn, Kiwanis Club, Alumni Cl. of Western Res. U.; Councilman, City of University Heights, Ohio; Outstanding Alumnus Award, Cleveland Marshall Law School of Cleve. State U.
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ABRAMS, Solomon; educator; Dr of Educ., Dr of Laws; Exec. Dir. (p. Educ. Dir.), Hebr. Inst. of Pittsburgh; Hon. Pres., Tri-State Zion. Reg.; Exec. C'tee, Natl Cl f. Jew. Educ.; b. 16.8.1914; ed.: Teachers' Cert., Sol Rosenbloom Teach. Sch., 34; Pittsburgh Un.: B.A., 35; (Law Sch.), L.L.B., 38; (Sch. of Educ.), M. Ed., 48; D. Ed., 52; (Grad. Sch., of Public & Intl Affs.), M.P.A., 73; m.: Esther Safyan; s.: Ivan (Yisrael) S.; p. princ., Beth Shalom Hebr. Sch., Pitt.; p. att.-at-law; p. Pres.: Pitt. br., Relig. Educ. Assn; Midwest Reg., Natl Cl f. Jew. Educ.; p. V Pres.: Natl Cl. f. Jew. Educ.; Pitt. Zion. Dist. (Cult. Chmn); Pitt. Chptr, Histadruth Ivrit; one of founders of: Dor Hadash Congregation (Reconstructionist), Young People Syn. — Pitt.; helped found the Heb. Inst. afternoon & allday camps; also active in: Relig. Educ. Assn. Acad. of Relig. & Mental Health, etc.; author of: "Principles Of Human Relartions In Curriculum Development" (a Doctoral Dissertation); some 20 monographs & bulletins in diverse topics as "A Manual For Day Camp Counselors", New Approaches In The Teaching of Hebrew Reading", "Toward A Community Day School", etc.; authored & produced weekly Hebr. TV program over educ. TV station WQED in Pitt., 59—61; Honorée, Meah Club, Heb. Inst., 61; Citation of Honor, Tri-State Zion. Distr., 68.
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ACHIASAF, Schachna; publisher, owner & Mng. Dir., Achiasaf Ltd., Publishing House,; mbr., Brd of Dirs. Kupat-Am Bank Ltd.; b. Vilna, Oct. 20, 1906; m. Bunia Lifshin; 2 d.; 1 s.; to Israel: 1924; in publishing business, 1934-.
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ACHITUV, Gershon; Dir., Publicity Dpt., Govt. Tourist Corp., London; b. Poland 4. 6.1915; m. Menucha Eden; 2 s.; 1 d.; ed.: Hebrew U.; British Army, 42-46; on staff of Govt. Tourist Corp., since inception.
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ACKERSON, Harry; interior decorator; owner, Bloomfield Drapery Co., Carlstadt, N.J.; 1st Vice-Pres., Palisades Cl. B'nai Brith (Vice-Pres. & Pres., 64-69); Pres., So. Bergen Lodge & mbr, brd of gvnrs,

B.B. Dist. 3; founder & Vice-Pres., Hillel Fndn at Fairleigh Dickinson U.; founder & Pres., Lyndhurst Heb. Center; chartered the 1st cl. Wide, Isr. Bond Drive, Bergen Cty; b. New-York, 11.9.1908; ed.: Stuyvesant HS, N.Y., 23; City Coll. N.Y., 24-26; Fairleigh Dickinson U. (Bus. Adm.); m. Jean Roman, 1928; d. Ira K. Carole; active in Jew. life, since 1928; in business, since 1931; active w. Boy Scouts; p. Pres., Lion Club, Carlstadt; p. Dep. Govnr, Lions Intl. Dist. 16a; p. Pres., Student Loan Fund, Carlstadt; Chmn, Salvation Army, Carlstadt Borough (p. Chmn, Salvation Army, Bergen Cty); Vice-Pres., So Bergen Hosp.; etc.; panel discussion & instr. f. Natl Scty of Designers, N.Y. Acad. of Arts & Fairleigh Dickinson U.

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ADELMAN, Albert B.; National Chairman of Un. Jewish Appeal; p. Chairman of the 1973 Study Conference Planning Committee; several years head of UJA's Ntl Cash campaigns; veteran campaigner, he directed (60, 61) the drives of Milwaukee's Jewish Welfare Fund (of which he is a past Pres.); he currently serves on the Boards of: UIA, Jewish Telegraphic Agency, J.D.C., Governors of the Jewish Agency; With "Ollie" Adelman as quarterback of North-Western Un., the school won the only undisputed football championship in its history, and he earned All-American honors; Pres., Adelman Laundry and Cleaners, Inc.; Dir. Pfister Hotel Corp. and the Monarch Laundry Comp.; an owner of the Milwaukee Brewers baseball team.

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ADIEL, Shraga; educator; dir. gen., Alyath Hanoar; b. 1913, Leipzig; to Israel, 1934; ed.: Heb. Teachers Coll., Jer.; Columbia U., New-York, M.A.; m. Tova Dashevsky; 1 s.; 1 d.; has worked in all levels of teaching & supervision in the educat. system (incl. Univ.); dep. dir. gen. & chmn of pedagog. secr., Min. of Educ. & Culture; publ. articles in educat. literature; part., Educat. Encycl.; editor, "A Decade of Fostering Programs".

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ADLER (Touriel), Claire; artist; b. Rhodes, 12.4.1926; to Israel, 1954; ed.: Slade School of Art, 45-46; St. Martin's School of Art, & Sir John Cass Coll. of Art, London, 65-67; m. Yehoshua Adler, 1952; s. Yitzhak; mbr; Hampstead Artists Assn, 66-; Isr. Paint. Sculpt. Assn, 69-; Glasgow Inst. of Finer Arts, 71-; exhibs: Tel-Aviv Young Sculptors, 55-56; Haifa Museum of Modern Art, 57; Camden Festival of Arts, Royal Academy, Glasgow Inst. of Fine Arts, 67; Jerusalem & Chicago Artists', 69; Jer. Mbrs, 69-; California, 71; one-woman exhib., Jer., 71; biogr. notice in Dictionary of Intl. Biography, London, 67-68; article w. reproductions in "La Revue des Arts et de la Vie", Paris, 67; award.: D.I.B. Certificate of Merit, 70.

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AGHASSI, Eliahu; Gen. Editor & Dir., Histadrut Arabic Publishing House, 62-; b. Baghdad. 1909 (s. of Rabbi Shimon Aharon Abba Bar Abba Aghassi — author of Derushim and Perushim in Qabbala & Halakha); to Israel, 1928; m. Ada (d. of Josef Varadi, Bucharest); 1 d.; 2 s.; found.: Palestine Arab Lab. League sponsored by Histad.; Haqiqat Al-Amr, Histad. Arabic weekly, 37; Dir., Arab Workers Dpt., Histad., 43; various public positions; collector of Baghdadi Folk-Tales, partly publ. in "Husham Mibaghdad"; author of textbook in colloquial Arabic.

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AHARON (SHASHOUA), Ezra; musician, composer, Ud player, singer; Dir., Arabic section, Kol Israel music dpt., 48-(retired); b. Baghdad, 1903; to Israel, 1935; widower, 69-; ed.: HS & musical studies; worked with famous turkish musician Ibrahim Bek Tabori, 26-34; toured Germany with oriental musicians & singers, 27; Iraqi repres. at musical congress, Egypt, 32; co-founder, Scty f. Oriental Songs in Israel; founder, oriental music players group; part. in radio & television programs; wrote: "Songs of the Birds" (Arabic); compositions: pieces f. oriental instruments, cantata to words from "The Song of Songs", oriental-type songs to Biblical texts on Hebrew lirics, songs to Arabic words, etc.

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AHARONI, Yair; Ph.D. (Bus. Adm.); Prof., Dean, Leon Reccanati School f. Business Admin., Tel Aviv U. 66-; b. 5.9.31, Zihron Yacob; m. Miriam Sauberman, 29.11.53.; 1 d., Orna; head, Training Dpt., Productivity I., 56-58; lctr, Technion Haifa & Hebrew U., 61-64; visit. prof., Columbia U., 65; ditto, New-York U., 66, 69; ditto Stanford U., 70; publ.: "The Frgn Investment Decision Process", Harvard Bus. School, 66, & other papers in related fields.

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AHI-NAOMI (Aronson), Amnon; editor (brdcast), writer; b. in Riga, 1925; m.: Daniela Etgar, writer, translator; to Israel: 1935; p. agr wrk, watchman, soldier in Independence War; cont. to study & work with Kol Israel (52-); 2nd Prize f. libretto "Man & His Shadow", Italy; publ. over 1000 radio plays; trnsl wks by Brecht, Kleist, etc.; dialogue writer f. Israeli features; scripts f. films & T.V.; teacher, creative writing f. Radio & TV.
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AKAVIA, Abraham; C.P.A. in private practice; b. Kolno, 15.12.1916; m. Ruth Milioni; 3 s.; (Gideon-Yoseph, Eliahu, Uri-Michael); educ.: Haifa Technion; to Israel: 1925; personal assistant to General Wingate in Ethiopian Campaign, 1940-41 (mentioned in disp. & Order of Menelik II); Maj. Jewish Brig. Group, British 8th Army, 41-46; District Officer, Haifa, 47-48; Property Tax Commissioner, Head of Development Authority & Dep. Dir. Gen., Ministry of Development, 49-57; Budget Dir & Secty, Israel Electric Corp. Ltd., 57-61; Treasurer Am-Isr. Paper Mills (61-64); partner - Luboshitz, Kasierer & Company; publ: "Misshakim Nivharim"; "Im Wingate Behabash"; Engl.-Hebrew Mil. Dictionary; "Orde Wingate — In Memoriam" (Editor).
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ALBECK, Michael; chemist; Prof., Chem. Dpt., Bar-Ilan U., 66-; b. 1934, Berlin; to Israel, 1935; ed.: Heb. U., Jer. — M.Sc., 59; Ph.D., 62; m.: Shulamith Firanko; 2 s.: Amnon, Dan; 2 d.: Yael, Ruth; Chief Investigator, Inst. f. Fibres & Forest Products Res., 61-63; Head Chem. Labs, Mekoroth —Water Comp., 63-65; Dean, Fcty of Sci., Bar-Ilan U., 67-69; mbr: Brd of Dirs, Weizmann Science Press of Israel; Isr. Natl C'tee on Biosphere & Environment; over 20 publ. in chemistry.
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ALBECK, Shalom; Prof. of Law & Talmud, Bar-Ilan U.; b. 4.9.1931, Berlin; to Israel, 1935; ed.: H.U. Jer. (Law, History, Talmud) — B.A., 52; M.A., 55; M.Jur., 56; Ph.D., 59; m.: Plea Nebenzahl; 2 s.: Jehuda, Chanoch; 2 d.: Rachel, Rivkah; served IDF, 48-50; lctr, JTS of Am., 60-63; mbr, Israel Bar; publ.: "General Principles of the Law of Tort in the Talmud" (Heb.); articles on Jew. Law & its history in prof. journals.
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ALCALAY, Moscu; actor; mbr "Cameri" theatre, Tel Aviv; b. in Bucharest, 10.9.1931; m.: Rodica Pascal; parts in classic & modern plays (Shakespeare, Moliere, Goldoni, Ionesco, Aristophanes, Ibsen, Mrojak, Plautus, etc.); app. in films & TV prods. in Romania & Israel; mbr of the Natl Theatre Ensemble in Bucharest, 48-51; mbr, the Giulesti Theatre, Bucharest, 51-61; "Zavit" Theatre, Tel-Aviv, 63-68; Youth Theatre, T.A., 71-72; mng., "Bama 73" Theatre; mbr, Intl Theatre Institute; to Israel, 1962; mbr, Variety Club; mbr, Automobile Club, Isr.; Country Club; Isr. Kennel Club.
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ALCALAY, Reuben; Editor & adviser on publications, Prime Min. Office; literary critic; compiler of the Complete English-Hebrew & Hebrew-English Dictionaries & Heb-

rew Lexicon, of Frgn. Words & Phrases, of the Complete Hebrew Dictionary; book of Proverbs "Words of the Wise" (Heb., English); b. Jerusalem, 1907; m. Sara Pardess; 1 d.; s.; educ.: Teachers Coll. Jer.; Translator-in-Chief & Superintendent of Press, Press Office of Pal. Govt., 30-48; Dep. Dir., Govt. Information Office, 48-51; articles on literary & linguistic topics in Hebr. dailies; translated several books from English editor, "Israel Govt. Year Book" 51-; secr. Govt Names C'tee, 64-.

8 Keren Hayesod St., Jerusalem.

ALDAAG, Hillel; Gen. Mng., Israel Tractors & Equipment Co. Ltd.; p. Scientif. Counselor, Israel Emb., Washington; b. Bialystok, 1919; educ.: Technion, Haifa; to Israel, 1936; British Army, 40-45; engineering assignments, I.D.F.; re-enlisted I.D.F., 1958, as Chief of the Corps of Engineers; in present position since 1967.

Rehovot, 18 Hamaapil St., Tel. 951055.

ALDEROTY, Zvi; Gen. Mng., Amidar, Israel Natl Housing Corp. f. Immigrants, 71-; Chmn, Local Cl., Migdal Ha'Emek; born Tel Aviv, May 9, 1934; agriculturer; ed.: B.A., Polit. Sci., Haifa U.; off. IDF (57); Secr. Local Council, Migdal Haemek (57-59); elected 1959 youngest edil in the country, at 25 as chairman; re-elected, 1965 & 1969; recip. Rozolio Prize (1968).

22 Golani Street, Migdal HaEmek; tel. 40160.

ALDOUBY, Zvi Jehuda; sculptor; b. Ropienka, Galicia, 1904; to Israel, 1924; grad. Heb. Teacher's Smny & H.U., Jer.; m. Tikva Yram; ch.: Yanir, Romam; p. teacher, art & Sculpture; on mission to the survivors of Concentration Camps, Italy, as Welfare Officer, 46-48; active in Paint. & Sculpt. Assn; one-man shows in Museums, Artists' Village Ein-Hod, Galleries, etc.; works acquired by Tel-Aviv Museum, Modern Art Museum Haifa, "Mishkan Le'Omanut", Ein Harod; pr. collections in Israel, Europe, Australia & Canada; among his works: Sculpture on the Levant Fair Grounds, T.A., 60; Monument in memoriam of the Tunisian Youth Aliah Children, victims of Norway air crash, 69; Monument in honor of IDF soldiers fallen during the War of Ind., 71; Sculpture f. El-Al, Lida; sculp. competition, Acad. des Beaux Arts, France; recip.: Struck Prize, by Haifa Municipality, 57; Dizengoff Prize, by Tel-Aviv Munic. (f. sculpture "Elan"), 63; Medal of Monaco Exhib., 64; IDF Prize f. the Monument "Portzei Haderech La'Negev", 66; Acquisition Prize by Histadrut, 67.

38, Be'eri St., Tel-Aviv.

ALEXANDER, Haim; composer, teacher; Prof., Rubin Music Acad., Jer.; Guest-Prof., Dpt. of Musicol., Tel-Aviv U.; b. Germany, 9.8.15; m.: Ruth Rosenbaum; 3 ch.; (1 s., fell in ac., Lebanese border, 28.12.70); grad., Pal Conserv. & Acad. of Music; head, dpt. of theory; wks perform. by Isr. Phil. Orch. & others; many publ. & prizes awarded.

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ALEXANDER, Shlomo; physicist, M.Sc., Ph. D.; Prof of Physics Hebrew U., Jerus.; b. Freiburg, Germany, 4.9.30; Israel, 33; m.: Esther Alexander; ch.: Michal, Nitza, Amir; ed.: Hebrew U., 50-55; M.Sc.,, Hebrew U., 58; Ph.D., Weizman Inst. & Hebrew U., 60; IDF, 48-50; 61-62; Bell Tel. Labs. Murray Hill, N.J.; 62-67, Weizman I.; 67-69, U. of British Columbia, Vancouver B.C., Canada (on leave from Weizman Inst.); scientific papers in Chemical & Solid State Physics.

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ALEXENBERG, Menahem (Melvin); educator, artist; Dir., Center f. Creative Learning & Snr Lctr in Art Educ., Haifa U., 70-; Snr Lctr in Educ. Sci., Tel-Aviv U., 69-72; b. New-York, 24.2.1937; to Israel, 1969; ed.: Queens Coll., City U. of N.Y., B.Sc., 58; Yeshiva U., M.Sc., 59; New York U., Dr. of Ed., 69; m. Miriam Benjamin; 3 ch.: Iyrit, Ari, Ron; Prof., Bezalel Acad., Jer., 70-71; mbr, Intl Scty f. Educ. through Art; books f. children.

16, Shvedia St., Danya, Haifa; Tel. 04-253433.

ALHADEFF, Maurice; industrialist; business exec., 1919-; Hon. Consul of Israel, Congo Kinshasa; Hon. Pres., Jew. Community, Congo; active f. Keren Hayesod—UIA; b. Rhodes, 1895; Hon. Pres., Greek Community, Congo; citation: Lane Bryant Intl Volunteer Awards, 1969; Chevalier de la Légion d'Honneur Française, l'ordre belge de Léopold, l'ordre belge du Lion, la couronne belge, St. Marc d'Alexandrie, l'ordre congolais du Léopard, l'ordre du Mérite de la République Centre Afrique; lover of Congo arts (painting, sculpture, pottery).

Kinshasa, Congo, B.P. 100.

ALHANATIS, Daniel; Pres., Union of Greek Zionists Greece (1965-); Pres., KKL, Greece (1965-); Secr. Gl, HELLAS-ISRAEL; Advocate (1931-); b. Athens, Sept. 1908; m. Violette Jessurun, 21.1.1943; ch.: Shemuel, Moshe; p. Vice-Pres. Union Greek Zionists (53-65); p. Vice-Pres. KKL (55-65); p. deleg. WZC (the 26th & 27th); legal adviser Jewish Comms, Greece (35-42); mbr. Brd. Jew. Comm. of Athens (36-42); co-founder, Central Jewish Brd & Vice-Pres. (45-52); co-founder, OPAIE Org. f. Rehab. of Jews in Greece & Vice-Pres. (49-52); p. Pres. Athens' Zionist Youth Assn 'Max Nordau" (30-36); Vice-Pres., Bne Brith, Athens.

2, Nikis St., Athens, Greece.

ALKAN, Jacob (Walter); M.D., D.T.M. & H.; physician; Head, Dpt. of Medic. "A", Govt. Hospital "Asaf Harofe", Zrifin; b. Berlin, May 12, 1911; m. Miriam Neuburg; 3 s.: Michael-Leopold, David, Gideon; educ.: Berlin & Prague U; London School of Hygiene and Tropical Medicine; Lt. Colonel British Army, 40-46; I.D.F., 48-49, (Major).

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ALLERHAND, Alexander; M.D.; Head, Orthodontics Dpt., Kupat Cholim — Haifa & North Dist.; Lctr, Orthodontics & Or-

thop. of jaws, tech. sch. Mazor, Haifa; in private practice, 61-; b. Poland, 15.6.1928; to Israel, 1957; ed.: Med. Acad., Cracov U.; m. Karin Wohlfeiler, 1951; s. Yoram. d. Irit; Head Librarian, Dental Assn, Haifa; p. first-Assist., orth. dpt., Med. Acad., Cracov; p. lctr, Orthod. & Orthop. of Jaws HS, Cracov; mbr.: Isr. Dental Assn (mbr. of Haifa branch C'tee, 68-70); Haifa Institute for Advances Dent. Ed.; Fédération Dentaire Internationale; publ.: Mouth Breathing Connections with Tuberculosis, 54; Orthodontic Chapter, Dental Book "Protetyka Stomntologiczna", Poland 67 & other publications on subjects of orthodontic & ortop. of jaws (Cracov U. Archives); award: "Scientific Developments", Polish Health Min., 56.
35, Moria St., Haifa.

ALLISON, Roger Grant; M.B.E.; M.A.; Canon; Priest-in-charge, Christ Church, Jerusalem; b. Stafford (England), 19,3.1910; m. Ruth Morpeth; educ.: Jesus College, Cambridge; Ridley Hall, Cambridge; 3rd class Classical Tripos; 2nd class Theol. Tripos; church service in Leeds, London, Warsaw, Bucarest, Jerusalem, Haifa, Tel-Aviv-Jaffa.
82 Haneviim St., Jerusalem; tel. 221833, 224584.

ALLON, Ygal; Dep. Prime-Minister of Israel & Min. of Education & Culture, 69-; M.K., 1954-; b. in Kfar Tabor, 10.10.1918; s. of Reuven Paicovitch, who came to Palestine in the 1880's his father being co-founder of Rosh Pina; mother; b. in Safed, originating f. old medieval family here; both co-founder of Kfar Tabor; educ.: Kadoorie Agr. School; Hebrew U.; St. Antony's Coll., Oxford; founder, mbr., kibbutz Ginossar, 37-; army training, Hagannah (Section Comm. course, etc.; co-founder Palmach units, 41, & Comm. of its 1st Comp.; took part, with Allied forces, in liberation of Vichy-held Syria, Lebanon; Dep. Comm., Palmach, 43; Commander, 45; led operations of Haganah "illegal" immigration, etc., 45-48; during War of Independence, commanded major campaigns Upper Galilee, Central Front (Lod-Ramleh, etc.); G.C.O., Southern Front, defeating Egiptian invading armies; p. Minister of Labour, 61-68; Acting Prime Minister, 26 Feb. 69—17 March 69; Dep. Prime Minister, Iuly, 68—Oct. 69; mbr, Military Adv. C'tee to P.M. Eshkol during 6 Days War; mbr., Cabinet's Defence C'tee & Econ. Affairs C'tee; leading political figure of the Labour Alignment; travelled extensively on lecture tours & polit. missions; publ.: "The Sand Curtain"; "The Palmach Story"; "The Making of Israel's Army"; "The Shield of David" (English); "Three Wars and One Peace" (a selection of articles translated into Arabic); married; 2 ch.
Kibbutz Ginossar; & Jerusalem, Old City.

ALLONY, Nehemya; Orientalist; Hebraist; Prof., University of the Negev, Beer Sheva; b. 23.7.1906, Warsaw, Poland; m. Idit Trainin; educ.: Hebrew Teachers' College, Jerusalem; Univ. & Jew. Theolog. Seminary, Berlin; Hebrew U., Jerusalem; Scientific secretary, Biblical Encyclopaedia; lecturer (Semitics), Leeds U.; head, Institute of Hebrew Manuscripts, Min. of Educ. & Culture; snr lctr, U. of Beer-Sheva; author of: Mitorat ha-Lashon veha-Shira Bimei Ha-Beinayim; Mehqarim be-Sifrut Yemei Ha-Beinayim; "Ha-Egron", by Rav Saadia Gaon; works on Hebrew Medieval poetry and language; papers in scientific periodicals (Hebrew, English, French, Spanish).
41 King George Ave., Jerusalem; Tel. 39814.

ALLWEIL (Alweyl), Asher; engineer; Dep. Dir. Gen. of Min. of Housing (Engineering & Research) & Dir Gen., Building Centre of Israel; b. Poland, Aug. 20, 1909; educ.: Polytechnic, Lwow; to Israel: 35; Assoc. Mbr, Academic Staff Technion, Haifa; var. publications on housing & building; Author of "Engineering Economy in Building" ("Arnan" Prize, 68); "New Developments, Directions and Inovations in Building and Building Research in Israel", 72.
3, Berliner St., Tel-Aviv.

ALMAGOR (Eblinger), Dan; Ph.D., writer; b. Ramat-Gan, 13.7.1935; m. Ella Appelrot; ch.: Orna, Elinoar; ed.: Heb. U.; U.C.L.A.; author of songs, plays, satires; "Once there was a Hassid"; "The Ribald Scrolls", "Only Fools Are Sad", Hebrew translation of "My Fair Lady", "Fiddler on the Roof"; Israel Corr. of Shakespeare Quart. N.Y. & Gambit Drama Quart. (London).
Mishmar-Hagvul St., Tel-Aviv.

ALMAGOR (Freller), Elisha; Dir. Gen. Yerid Hamizrakh, Exhibitions Co.; b. Vienna, June 7, 1914; m. Mollie Sonberg; 1s.; 1. d; educ.: Vienna U.; London School of Economics; to Israel: 1935; Dep. Dir. Dpt. of Education, Haifa, 51-56; Dir., Dpt. of Education & Culture, Ashkelon Dist., 56-59; Exec. Director, ZOA House Tel-Aviv, 60-63; Seren in I.D.F. (res.); also: mbr, Brd of Dirs, Isr. Advertisers Assn; mbr, Secret., Marketing & Trade Promotion Sctn, Isr. Mngm. Inst.
12, Atzmon St. Ramat Hasharon.

ALMOG, Joshua; Israel Ambassador to Singapore, 73-; born in Jerusalem, 1922; ed.: B.A. (Hons.), American U., Beirut; Sorbonne & School of Political Science, Paris; m.; s. Joseph; d. Efrat; with British Army 43-45; Off. IDF; on missions - Jew. Natl. Instit. to France, North African & Iran, 46-50; Polit. Corr. f. Hador, daily, in Teheran, 50-51; joined MFA, 52, seconded as polit. secr. to Pres. Ben-Zvi, 55-58; toured U.S.A. f. U.J.A., 1958; 1st Secty & Consul, Israel Legation, Greece, 58-61; 1st Secty Embassy of Israel in Mali, West Africa, 61-62; Dep.-Dir., African Dpt., M.F.A., 63-64; Counsellor, Embassy of Israel Paris, 64-68; Visiting Lecturer, School of Political Science, Paris, 65-68; Mbr, Israeli Deleg. to UNCTAD, Geneva, 1965; Mbr, Israeli Delegation to UNESCO, Paris, 1966 and 68; Alternate Isr. Deleg. to Human Rights sub-C, Geneva, 67; Attached to Isr. Delegation, Council of Europe,

Strasbourg, Winter & Spring sessions, 1968; Israel Observer at OECD, Paris, 64-69; Repres., M.F.A. in Administrated Areas, 69-73; Lctr, Pol. Sci. & M.E. Studies, Am. Coll., Jer., 69-73; speaking tour on Am. campuses & inform. tour in w. Europe, 73; awarded Silver Medal, City of Paris, 1968.
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ALMOG, Shmuel; B.A.; M.A.; Journalist, Broadcaster; Dir. Gl., Israel Broadcasting Authority, 69; b. Berlin, 3.6.26; m. Oria Cohen; s. Yishai, d. Shirra; ed.: Hebrew U., M.A.; Columbia U.; grad. special radio-television course, N.Y.U.; to Israel, 33; Secr., Israel Historical Socty, 55-56; Student Advis. on behalf of S.A. Zionist Fed. (59-60); Corresp. Kol Israel, UN, 62-64; taught Jewish history at Hebrew U., 66-67; broadcaster in diff. capacities (announcer, programme-editor, news-editor, corresp., politic. commentator, etc.), s. 49-; publ.: essays, articles in Israel & foreign periodicals; i.a. "The Racial Motif in Ernest Renan's Attitude to Jews and Judaism"; etc.
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ALMOGI, Josef; M.K.; Minister of Labour (Labour Party), 68-; p. Min. of Dev. & Housing; b. Poland, May 4, 1910; m. Shifra Weinblatt; 2 s.; to Israel, 1930; mbr, Haganah Command, 33-39; commander, Palestinian Prisoners of War in Germany, 41-45; Gen. Secr., Labour Council, Haifa, 45-59; p. Gen. Scty, Mapai; mbr, Histadrut Exec., 59-61; appointed mbr. of Cabinet. Nov. 1961.
120 Arlosoroff St., Haifa.

ALON, Azaria; teacher, author; b. Volodarsk (Russia), Nov. 15, 1918; m. Ruth Diamant; 2 s.; 1 d.; to Israel, 1925; Author of "Pirhei Har Vagai", "Al Etzim V'al Avanim", "Al Pnei Sinai", "Aleph Beth Shel Zipporim"; "Aleph Beth Shel Hayoth"; "77 Sihot Al Teva"; "Shevilim Bamidbar"; "Israel, Teva Vanof"; "Natural History of the Land of Bible (English); "Sinai"; co-auth., "Atzei Bar B'Israel"; articles on above topics in "Dvar Hashavua", "Bamahane", etc.; mbr. Kibb. Bet Hashita, 38; lectures, broadcasted weekly, on "Nof Artzenu"; active in promoting Nature Conservation; elected, Secretary, Scty f. Protection of Nature.
Kibbutz Beit Hashitta.

ALON, Gabriel; publisher & editor: Intl Monetary Issues, "Zrak'or"; "Business Diary"; b. Cologne (Germany), 20.3.1915; m. Rena Karlsruher; 3 d.; 2 s.; author of "Palestine Income Tax Guide", 1945; "World Commodity Imports" (64-65); Israel Business Company (Classified Trade Directory).
43 Oranim Str., Tivon, Tel. 931212, Haifa.

ALON, Gad; Acting Pres., Shenkar Coll. of Fashion & Textile Technol., Ramat-Gan; b. 21.7.1937, Germany; to Israel, 1939; ed.: Technion Haifa, B.Sc. (Mech. Eng.); Lowell Technol. Inst., Mass. USA, M.S. (Textile Technol.); H.U. Jer., Ph.D. (Physics); m.: Liora Spivak; 2 s.; p. head, Textile Technol. Dpt., Isr. Fiber Inst., Jer.; mbr: Textile C'tee, Isr. Standards Inst.; Brd of Isr. Textile Assn; Intl Textile Club; Am. Scty f. Testing & Materials; edit. brd, Yalkut (central organ of the textile ind.); publ. in Isr. & intl journals.
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ALON, Moshe; Israel Ambass. to Belgium & Luxemburg and to E.E.C.; p. Amb. to Argentine & Paraguay (65-69); b. Munkatch (C.S.R).; to Israel, 46; m. Esther Roth; p. Press Attache,, Paris (49) & Vienna (50-51); chief asst. Econ. Dpt. Foreign Min., (51-53); Vice-Consul, Los Angeles, (53-55); Envoy Ex. to Turkey (55-60); dir. Econ. Dpt. (60-65)· ed.: Polit. & Econ. Sc., Int'l. Law; publ.: on political & econ. topics.
Isr. Embassy, Bruxelles.

ALON, Shmuel; accountant; Dep. Dir. Gen., "Tefahot" Israel Mortgage Bank Ltd.; lctr on Labour & Coop., Afro-Asian Inst. f. Econ., Tel-Aviv; b. Poland, 10.12. 1919; m. Shoshana; s. Eliyahu; d. Hannah; p. Secr. & Mng., Consumers Council, Tel-Aviv; p. lctr in Marketing Financing & Coop., on behalf of the Isr. Management Centre & Isr. Inst. of Productivity; p. lctr in Afro-Asian countries on behalf of the U.N. & M.F.A.; publ.: articles & books in Engl. & Heb. on the subject of marketing & cooperation in Israel.
24, Miriam Hachashmonaith St., Tel-Aviv.

ALONI (Adler), Shulamit; Adv.; Mbr of Knesseth (Citizens Rights), 74; p. M.K. (Labour), -69; Chmn, Isr. Consum. C.; b. Israel; m. Reuven Aloni; 3 s.; educ.: Teachers' Seminar, Hebrew U.; author of "The Citizen Affairs, East-Africa; Director, Koor In-Israel"; contributor to newspapers; column, "Citizen and Law" in Davar (daily); broadcaster.
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ALPAN, Moshe; Mng. Dir., Koor Intertrade Ltd. & Alda, Israel Foreign Trade Co. Ltd.; p. Israel Minister Econ. Affairs, East-Africa; Director Koor Industries & Crafts Ltd.; b. Vienna, April 19, 1918; m. Tova Diamant; 3 s.; educ.: Prague U. (law); world war II, active pioneers underground in C.S.R. & Hungary; active in "illegal" immigration to Israel, 45-46; to Israel, 46; joined Kibbutz Haogen; manager, Rubber & Plastics Factory, Haogen, 47-58.
Ramat Hasharon, Neve Rassco.

ALPERT, Carl; author; journalist; publicist; Exec. Vice Chairman, Board of Governors, and Asst. to the President, Technion; b. Boston, Mass., U.S.A., May 12, 1913; m. Nechama Tennenbaum; d.: Miryam-Feine, Ruth Shapira; s. Joel; ed.: Boston U.; edit., "New Palestine" (40-47); Dir. Natl Educ. Dpt., ZOA N.Y., 47-52; Pres., Am. Young Judaea, 40-41; to Israel, 52; Natl Pres. of Americans & Canadians in Isr., 57-59; publ.: books, pamphlets, articles on Jewish life & history; assoc. editor, Universal Jewish Encyclopaedia; contributing editor, World-Scope Encyl."; Int'l syndicated weekly column.
3 Kish Ave, Haifa.

ALPERT, Seymour; physician; Prof. of Anesthesiology, 61- & V. Pres. (f. Dev.), 69-, G. Washington U.; Brd of Gvrns: Isr. Bonds, 64-; HU Jer., 68-; Brd Dirs: Israel Investors Corp., 65-; Cl. of Jew Fed. & Wlfr Funds, 66-; Un. Givers Fund of Wash., 72-; V. Pres. & Chmn Med. Div., Am. Friends of the HU, 69-; b. 20.4.1918, N.Y. City; ed.: Columbia Coll., B.A., 39; Long Island Coll. of Med., M.D., 43; intern.: Beth Israel Hosp., N.Y., 43-44; resid. in Anesthes., Gallinger Mun. Hosp., Wash. D.C., 46-47: m.: Cecile Bernadine Cohen; Captain, US Army, 44-46; Cnslt in Anesthesiol.: Walter Reed Army Hosp. & Veterans Adm. Hosp., Wash., 48-; at G. Wash. U., Sch. of Med.: Instructor, 48-50; Assist., 50-52; Assac. Prof., 52-61; Gen. Chmn, Isr. Bonds of Wash., 60, 61; UJA of Gt. Wash.: Gen. Chmn, 64, 65; Press., 66-67; V. Pres., Wood Lib. Mus. of Anesthesiol., 70-; Pres., Brd of Trustees, Phi Delta Epsilon Med. Frat., 73-; mbr: Am. Med. Assn, Am. Scty of Anesth., Med Scty of D.C., South Med. Assn, Intl Anesth. Res. Scty; Pan-American Med. Scty, Assn of U. Anesth., Assn of Am. Med. Coll., Ass of U. Profs; publ.: 22 Anesthesiol. papers; recip.: Award of Merit Citation, Jacobi Med. Scty, 61; Alpha Honor Med. Scty, G. Wash. U. Chptr Alpha Omega, 62; Man of the Year Award, Isr. Bonds Wash. D.C., 64; Joseph Ottenstein Award, Jew. Soc. Serv. Agcy, 64; Alumni Award of Merit, G. Wash. U. Sch. of Med., 65; Community Serv. Award, Med Scty Columbia Dist., 69; Freedom Award. Isr. Bonds, 70.

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ALPERT, Uri; Secretary, Labour Council, Tel-Aviv-Jaffa; b. Kovel (Poland), May 10, 1909; m. Miriam Goldshmidt; educ.: Yeshiva & Hebrew U., Jerusalem; to Israel, 25; Hagana Comm. in Jerus. & Tel-Aviv; mbr Executive Histadrut; Central C'tee Labor Party; Managing Board: Shikun Ovdim, Otzar Hahayal, Mivtachim, Philharmonic Orchestra, Israel Natl. Opera, etc.

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ALSBERG-ALSSUR, Awraham Paul; archivist; M.A., Ph.D.; State Archivist, 71-; Chmn, Isr. Library Assn, 69-; Dir., State Archives, 57-; lctr on Archives, Graduate Lib. School, H.U. Jer.; b. Elberfeld, Germany, 30.3.1919; to Israel, 1939; ed.: Rabbinical Smnry, Breslau, 37-38; H.U. Jer., 39-43, 51-57; m. Betti Keschner; d. Irith; s. Shimon; chief assist. to the Dir. of Central Zion. Archives, 49-57; Pres., B'nai B'rith "David Yellin Lodge", 60-62; mbr, Exec. C'tee, Intl Cl. on Archives, 72-; Chmn. Cl. of Jerusalem B'nai B'rith Lodges, 66-69; mbr: Exec. of "Yad Vashem", 69-; Brd of Inst. f. Zion. Research. Tel-Aviv U., 65-; Brd of Leo Baeck Inst., Jer., 66-; publ.: "The Arab Question in the Policy of the Zionist Executive before the first World War"; many professional papers on Archivistica.

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ALSHECH, Joseph; M.A. (Econ.); Econ. Councelor, Manufacturers Assn; b. Tel-Aviv; ed.: T.A. Sch. of Econ., 57-59; New Sch. of Soc. Res., N.Y., 60-63; M.A. (w. distinction); m. Shulamit Peller; s.: Offer; d.: Ayala; mbr, dir. of Scout Org.; chmn of finance c'tee & p. chmn Intl Relat. c'tee, Israel Scout Assn.

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ALSTER, Jonas; Ph. D., Physicist; Assoc Prof, Tel-Aviv U.; b.: in Berlin, 18.7.1933; educ.: Technische Hoge School, Delft., Netherland; m.: Rosette; 5 ch.; Lawrence Radn Lab, UCLA, Berkeley, 58-61; U. de Paris, Orsay, 61-62; Washington U., Seattle, USA, 62-65; Northeastern U., Boston, Mass., 65-68; T.A.U., s. 1968; publ. various papers in professional journals; NATO Intl fellowship; Bath Sheva de Rothschild Grant.

34 Raphidim St., Tel-Baruch, T.A.

ALTER, Harry; editor; publ., Youngstown Jewish Times, 46-; b. Youngstown, Ohio, 5.12.1915; ed.: Youngstown State U., 40-41, 46-47; m.: May Lauar, 1945; d.: Marsha Louise; Sports Editor, Yo. Jewish Times, 35-41; Tally Clerck, Yo. Sheet & Tube, 37-41; Assoc. Editor, Buckeye Tavern News, 46; Pres., Jewish Community Center, 60-62 (mbr., 48-); brd mbr.: Temple Anshe Emeth, 50-61; Jewish Fed, 57-67; mbr.: B'nai B'rith; Jewish War Vets.; Mayor's Human Relations C'tee, North Side Kiwanis.

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ALTERMAN, Israel; Dr. Eng.; M.Sc. (Tech.), M.Sc., C.E. (Hydrotech.), Fellow, Struct. Eng.; Dir. Environmental Engineering, Ltd., 8 Lincoln St., Tel-Aviv; Fellow, Royal Scty of Health; Consultant Civ. Eng.; b. Kishinev, Bessarabia, 22.8.20; to Israel, 32; m.: Prof. Dr. Zipora (Balaban); ch.: Ilan, Moshe; head, dpt. Struct. Design, Mekoroth Water Co. (50-53); head of dpt. Pine Lines Design Tahal (53-54); head of dpt. Dan Region Sewerage Scheme, WPI (54-58); head of dpt. large pipe design, Jordan-Negev Scheme, oil lines, etc. (58-63); consult. on bridges, rivers & sea front structures, tunnels, etc. (63-); received Govt "Kaplan Prize"; Arnan Prize (Assn. of Eng.); also engaged in town planning works.

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ALTERMAN, (Balaban), Zipora S.; Dr., prof. of math., geophysics; dir., Inst. of Planetary & Space Science, U. of T.A. (67-); Head, Dpt. of Environmental Sci., Tel-Aviv U., 68-; b. Berlin, 1925; to Isr., 1938; m. Dr. Israel Alterman, conslt. eng.; ch.: Ilan, Moshe; ed.: Hebrew U.; Master of Science (49); Ph.D. (53); Science Dept. Govt of Israel (48-55); Dpt. of Applied Math., Weizman Inst. of Sc. (56-60); Chicago U., Dpt. of Astronomy (60-61); Assoc. Prof., Dpt. of Applied Mat., Weizmann Inst. 61-68; visit Prof., Tel-Aviv U. (65-66); Visit mbr.,

Courant Inst. of Math. Sciences, N. Y. U. (66-67); hon. secr. Israeli Math. Union, (63-65); chmn, Isr. Soc. of Geodesy & Geophysics, since 67; publ. over 50 research works, in spec. journals.
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ALTMANN, Robert; President, Gen. Dir. of various societies; Vice President, United Jewish Appeal, France; Pres., Comité de la Métallurgie de la Chambre de Commerce France-Israel; b. 1922; ed.: School of Political Sciences, Licencié es Lettres; Chevalier de l'Ordre du Mérite; Chevalier de la Légion d'Honneur.
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ALUMOT, Eugenia; chem.; Head, Div. of Animal Nutrition, Volcani I., 64-; b. Warsaw, 18.6.1919; to Israel, 1949; ed.: M.Sc. (chem.), 47; Ph.D. (agr.), 56; m.Dr. Joseph Olomucki-Alumot; s.: Zeev, David; d. Nina; p. assist., organic chem., Wroclaw U., Poland; p. research-worker: CNRS, Paris; Volcani I.; mbr: Isr. Chem. Scty; British Nutrition Scty; publ.: about 50 sci. papers in specialized journals.
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AMADO LEVI-VALENSI, Eliane; Prof. Bar-Ilan U.; b. 11.5.1919, Marseille, France; to Israel, 1968; ed.: Paris — B.A., M.A.; Docteur ès Lettres; p. teach. (Philosophy) at Sorbonne U.; mbr: Cultural Comm., WJC; Scty of Philos.; Société Francaise de Philosophie; Europ. Centre of Culture; Am. Centre of Jew. Studies; author of 8 books & 150 publ. on philos., theology, psychanalise, etc.; 2 paint. exhibitions in Jer., 72, 73; recip.: Prix de Philosophie de l'Academie des Sciences Morales et Politiques; Prix du Syndicat des Ecrivains.
18 Hovevei Zion Street, Jerusalem; tel. 68067.

AMI, Yosef; Vice-Pres., Adm. & Finance, Technion, Haifa; b. Mukacevo, July 5, 1913; m. Lea Sud, 3 d.; educ.: Academy of Commerce, Mukacevo; Prague U. & Hebr. U.; teacher, Economics & Commercial Science, Prague, 1939; secondary school teacher, Jerusalem; L/Col., I.D.F.; director of planning, Prime Minister's Office; manager "Ata", -1956; Brd of Dirs, Israel Management Inst. (—62); p. Gen. Mng., Northern Division, Chemicals & Phosphates Ltd. (-65); elected Councilman, Haifa, 1969; elected, Pres., Center for Policy Studies, 71.
8, Netiv Haofakim St., Haifa.

AMIAD (Klivaner), Ariel; B.Sc. (Agr.); M. Publ. Adm.; Gen. Manager, Israel Electric Co. Limited, 74-; mbr, board of directors, F.I.B.I. Holding Co. Limited.; p. Director Gen., Min. of Agric.; Pres., "Agrexco"; b. in Israel, 10.8.24; m. Rina Mirskandov; d. Tal, Orit, Esther; educ.: B.Sc. (with distinction), M. P.A. (idem); p. dep. dir, Settlement Dpt.; chairman, brd of dirs of agric. & water companies; mbr brd, several banks; mbr brd, of dirs, Scientific Council; p. Chief Communications & Electronics Officer, IDF; p. Chmn, Acad. Graduat. Assn (Soc., Sci. & Humanities).
91A Jefe Nof St., Haifa.

AMIEL, Saadia; M.Sc. Ph.D.; Visit Prof. Inorg. & Anal. Chemistry, Hebrew U.; Head of Nuclear Chemistry Dpt., Laboratories, Israel Atomic Energy Commission; b. Poland, Feb. 21, 1929; m.; 2 d.; educ.: Herzliya Coll., Tel-Aviv; Hebrew U.; on staff of Israel Atomic Energy Comm. since 1952; Visiting Scientist, U. of California Radiation Laboratories, 56-57; Research Assoc., Brookhaven National Lab., New York, 57-58; visit, lecturer at Graduate School, Hebrew U., 62-; papers on nuclear chemistry.
82 Katzenelson Street, Givataiym; tel. 722692.

AMIR, Aharon; writer, poet, editor, translator; b. 17.5.23; ed.: Jerusalem U., oriental studies; m. Bettine Margalith; 3 ch.; editor "Keshet", literary quarterly; p. mbr. IZL (39), LHI (41-48); building labourer in Palestine & Lebanon; founder, organizer "Young Hebrews", "Kanaanite Movement"; with IDF in besieged Jerusalem (48), serv. w. Air-Force; p. editor "Alef", "Mivrak", etc.; co-founder of the Movement for Integrated Israel; published: "Kadim", (poems, 49); "Love" (stories, 51); "Saraph' (poems), 56; "And Death Shall Have No Dominion", novel (55); also in French, "Les Soldats du Matin", 61, (Paris), "Noon" (novel) 69; Yated (poems), 70; Absolom, writings & letters of A. Feinberg, 71.
41 Tagore St., Ramat-Aviv, Tel-Aviv; tel. 413385.

AMIR, Dov; Eng.; Intl Cnslt, natural resources and econ. devel.; b. 17.8.1924, Odessa; to Israel, 1925; ed.: Shalva HS, Tel-Aviv; U. of So. Calif., B.Sc., 57; M.Sc., 59; post-grad. work, UCLA; m. Hanna Hamelnitzky; 2 d.: Noga Sherman, Ruth; Vice Pres.: Sunset Intl Petrol, 62-68; Pres.: Equitex Resources, Equitex Petroleum, Traserco Inc., Econ. Dev. Corp., 68-73; Ankony Angus Corp., 69-71; mbr: AIME, Scty of Petrol Eng., API, AMA, Israel Petrol. Inst., Museum of Sci. & Indus.; Hons: Eng. Scty, Petrol. Scty.
713 No. Elm Drive, Beverly Hills, Calif. 90210, USA.

AMIR, Shimeon; M.A., Ph.D.; Assist. Dir. General, M.F.A.; b. 15.2.1921, Poland; m. Shulamit Englander; 3 ch.; ed.: Hebrew U.; Nat'l U. of Mexico; to Israel, 1935; Jewish Brigade, 41-46; I.D.F., 48; joined MFA, 49; Counsellor, Isr. Embassy, Mexico, 56-60; Consul Gn'l., Lisbon, 60-62; Dep. Dir., Economic Div., 62-65; Head, Dir. General's Office, 65-68.
18, Bialik St., Jerusalem.

AMIR, Shlomo; Assist. to the Min. of Labor; b. 1924, Poland; to Israel, 1935; ed.: H.U. Jer., M.A. (Econ.); m.: Naomi, Dr. Neurolog; 3 ch.; Econ. Assist. to the Min. of Finance, 58-62.
22 Nayot, Jerusalem; tel. 32608.

AMIRAN (Pougatchov) Emanuel; composer; chief supervisor of music education, Min. of Education & Culture, 48-; b. 1909, Warsaw; ed.: composition with Rosovsky &

at Trinity College, London (34-36) with Granville Bantock & Alec Roley; m. Rachel Carlebach; ch.: Ephraim, Lior, Chagai; p. officer & instructor, musical activities, IDF, ,48; lecturer & educator; music for theater (Habimah, Ohel, Hamatateth, etc.); cantata "Nachamu Ami", songs (voice & piano), symphonic works, pieces for choir, piano etc.
39, Harav Friedman St., Tel Aviv; tel. 257502.

AMIT, Jacob; journalist; editor "Al-Hamishmar" b. Kaunas, 25.2.1904; m. Breina Bavilskit; 2 d.; 1 s; att. courses in literature, history & sociology; to Israel, 1929; mbr., Presid. Zionist Council; mbr, Histadrut Council; mbr, Presid. Editors' Council; mbr. Centr. C'tee, Labor Pty.; exec., mbr. Hakibbutz Haartzi; numerous articles on various political topics.
Kibbutz Beth Zera, and "Al-Hamishmar", Tel-Aviv.

AMIT, Meir; exec.; Aluf (res.); Dir Gen., Koor Industries Ltd., 1968-; p. Brig. Gen., Israel Def. Forces; b. Tiberias, 1921; m. Yona Kelman; 3 ds.; educ.: Columbia U. B.A. in Bus. Adm.; various Haganah commands, 40-44; dep. commander and commander, "Golani" Brigade, War of Indep., 1948; head, of operations Dpt.. 53; Snr Off. Course, England, 54; C.O. Southern Comm., 55; Chief of "G" Branch, 66-67; C.O. Central Command, 68; p. Chief, Milit. Intelligence, 61-63; Head, Israel Security Service, 63-68.
99, Ben Yehuda Street, Tel-Aviv.

AMITAI, Isaac; painter, lecturer; b. Jerusalem; m. Esther Harari; 1 d.; 1 s.; educ.: Bezalel School of Art; Paris Art Academy, Lecturer, Popular University, Tel-Aviv. Three exhibitions in England, at Tel-Aviv Museum, art galleries in Tel Aviv, Haifa & Jerusalem; during 1959-66, exhibitions in U.S.A., Paris (65), etc., etc.
Artists' Quarter, Safed (since 1950), tel. 30452.

AMITAI, Mordeckai; writer; mbr. kibbutz; b. Beltsy, Bessarabia (now: URSS), 8.6.1914; to Israel, 1935; ed.: HS; m.: Jockeved Gliksman; s. Adam; d. Haggar; mbr. edit. brd., "Al Hamishmar", 43-48; Educ. Officer, IDF 9-th Brigade, 48-50; teacher, Youth Aliya, 50-52; JA deleg. to Brazil, 53-54; editor: "Hashavua", "Hedim", "Moreshet", "Sifriat Hapoalim", etc. 55-60; Kibbutz Secr., 62; editor, 63-68; mbr.: Acum, Histadrut Haovdim, Union of Writers in Isr.; publ.: Emek-Emek (Sifriat Hapoalim), 45; Habakbuk Hacahol, 51; Etzlenu (poems), 53; Marvad Haksamim, 57; Anshe Yachad, 57; Yachad, 59; Bein Arbayim (novel), 63; Sipurei Stav, 68; Sipurim Krovim, 70; Miyamim Soarim, 73; Short Stories, 73; translations from yiddish, rumanian, etc.; editor of various books; wrote, produced mass performances, broadcasting lectures on radio, etc., Independence Award (by Kishon Regional Council).
Kibbutz Sarid; Tel. 065-40035, 40066.

AMITAN (Wilensky), Ella; writer, poetess, translator; BA (Hebr. Lit.); b. Dorpat, Estonia, April 1900; to Israel, 1925; ed.: Russian-German HS & U., Dorpat; grad. HU. Jerus. (BA, Heb. Lit. & Bible); m. 1948; mbr c'tee, Assn. of U. Women in Isr., T.A. branch; Heb. Writer's Assn; "Milo" Club; p. Sec., Head Office, KH, Jerus., 34-54; lctr. on children's lit. to Kindergarten teachers, 57; publ.: 7 books of poetry: Yareach Pikeach, 38; Yanuka, 42; Mered Haprachim, 59; Bimdinat Hagamadim, 59; El Hayi Kaftor, 65; two books of poetry — Lach u'Lecha, 49; Pirhei Neshiya, 63; translated 12 books (from French, English, German, etc.); wrote several plays; "Sabbath Eve" won the only prize at a lit. competition in London (1946) for one-act plays on Jewish themes.
65, Shenkin St., Tel-Aviv; Tel. 234014.

AMITAY, Dan; B.A.; art teacher, lecturer in art; born in Bessarabia; widower; 3 d.; to Israel, 1939; mbr. Kibbutz Sarid, agr wrk 39-45; art teacher, Kibbutz HS, lect. on psychology of children's art & methodology of art teaching at Art Teacher's Coll., Herzlia; Arab Teachers Coll., Haifa; published plays f. dolls theater, childrens plays; book on art teaching in schools, etc., regular contrib. to pedag. publications.
Kibbutz Sarid, Afuleh.

AMITSUR, Shimshon Avraham; Prof. of Math. Hebrew U.., Jerusalem; b. Jerus, 1921; ed.: Hebrew U., Mbr., Institute for Advanced Studies, Princeton, 52-54; Visit. Prof., Notre Dame U., 1958; Israel Prize (1953) for Exact Sciences; Senior Foreign Scientist Fellowship (Natl. Sci. Foundation, USA) 64; Visiting Prof., U. of Chicago & Cornell Univ., 64-65; UCLA, 69-70.
43 Harlap St., Jerusalem; tel. 36965.

AMORAI, Adiel; economist; M.K., 69- (mbr of Finances C'tee); chmn: Youth Dpt., Haavoda Pty; Natl Cl. of Isr. Youth Movements; Isr. Public Cl. f. Intl Exchange of Youth & Young Adults; b. Isr., 27.2.1934; ed.: Balfour scndy sch.; T.A. Munic. HS; H.U. Jer., B.A. (Econ. & Intl Relations); m. Ruth Feltz, 1957; 3 d.; p. instructor, Mahanot Olim youth movt.; p. secr., Kibbutz Misgav-Am; p. mbr: Secretariat, Labour Pty & its Youth Org.; p. head, the Minister's office, Min. of Interior; p. Mng., Marketing Serv. Dpt., Pazchem Ltd.; p. Spokesman, Achdut Haavoda Pty.; publ. on econ. issues, in dailies & periodicals.
39, Haknesset St., Givatayim; Tel. 729640.

AMSTER, Shmuel Mordechai; Publicist; Lawyer; b. in Russia; ed.: Stanislavov, Prague (medical stud.) 30-33; history & literature, Hebrew U. (34-35); law, at T.A. Law. Sch. (39); to Israel, 34; m. Leah Litzky; 2 d.: Rina, Michal; p. Mbr. Revisionist Pty. (26) & Commander Betar, Stanislavov; p. Pres Students Corp. Bar-Kochba; p. Pres. Revis. pty, chpt. Petah Tikva; Natl. Secr., Revisionist Pty (45-48); Petah Tikva Coun-

cillor (51-55); p. Mbr. I.Z.L. (36-48); Mbr. Centr. Herut Mov.; Mbr. B'nai Brit & Free Masons; publ.: "Vision of the East" (45), "History of Liberation Movements" (48), "Israel Shel Mata" (59); Contrib. to "Hamashkif", "Haboker", "Herut", etc.
3, Montefiori St., Petah Tikva, tel. 911343.

AMZALLAG, Avraham; composer, musician, teacher; b. Morocco, 29.9.1941; to Israel, 1952; ed.: Music Smny; Music Acad., U. Tel-Aviv; p. musical instr., "Inbal"; mbr, Israel Composers Assn; composed: "The Jar", comissioned by "Inbal" dance theater; "Achoti Kalah", musical play, "Inbal"; "Taksim", for flute alone; "Meditation" (f. oboe, solo); music f. piano, flute and percussion players; Quintet for woodwind instruments, commissioned by the Woodwind Quintet, Miami Opera; Morrocan suite for oriental instruments; many songs, little pieces for various instruments, etc.
54, Yehuda Hamaccabi, Tel-Aviv.

ANATI, Emmanuel; archeol., anthropolog., author; Prof. of Prehistory, Tel-Aviv U., 69-72; Gen. Secr., IASPER - Intl Assn. f. the Study of Prehistoric & Ethnol. Religions, 72-; Director, Centro Camuno di Studi Preistorici, Italy, 64- & editor-in-chief of its bulletin; Cavaliere Al Merito of the Italian Republic; Hon. Citizen, Capo di Ponte, Italy; b. Florence, Italy, 14.5. 1930; to Israel, 1945; ed.: B.A., M.A., Heb. U., Jerus.; A.M., Harvard U., Cambridge, Mass., USA; D. Lit., Sorbonne, Paris; studied archeol., anthropology, social relations; m.: Ariela Fradkin; 2 ch.; p., with the Israel Dpt. of Antiquities, Jerus., 50-55; Research Fllw, Centre National de la Recherche Scientifique, Paris, 55-58; Fullbright Fllw, Harvard, 58-59; Res. Fllw, H.U., Jerus, 61-66; Snr Lctr, Tel-Aviv U., 64-68; archeol. survey, Negev Desert, 52-54; led excavations (Susita-Hippos, Tell Abu-Hawam, Hasorea) & other research projects in Israel & Europe; publ. books on archeol. topics; contrib. to journals, encyclopaedias, scientific books in Israel, Europe, USA.
Fall & winter: 5 Israel's St., Jerusalem; tel. 221776; spring & summer: Capo di Ponte (Brescia), Italy; tel. 0364-42091.

ANGERMANN, Menahem M.; Co-owner Ariol Ltd., Printing Ink Factory; co-founder & co-owner, Haifa Silos Ltd.; Licenced Customs Clearing Agent; b. Fuerth (Germany), 14.12.23; m. Hanna Cohn; s. Ran; d. Nogah; to Israel, 1934.
4, Kadimah St., Mt. Carmel, Haifa.

ANKORION, Ari; M.K. (Labour), 68-; Dr. J.; Ph.D. (econ.); adv. & notary; mbr., Secret. of the High Court of the Histadrut; Histadrut; Judge, Tel-Aviv Municipal Court; b. Lithuania, Nov. 2, 1908; m.: Fannya Sperling; 2 s.; 1 d.; educ.: Kaunas U; London School of Econ.; London U.; to Israel, 1933; mbr, Govt. Law Council; Central C'tee, Bar Assn; Chrmn, Israel-Am. Society, Tel-Aviv; mbr, Labor Pty, C.C.; p. Leg. Adviser, Exec. C'tee, Histadrut (40-46); mbr. first Council, Israel Bar; p. mbr. Histadrut C.; MK (5-th Knesset); publ. 'Self Govt in Palestine", 38; "Problems of National Minorities"; articles in Hebrew & foreign press; reelected, 1969.
30 Lilienblum St., Tel-Aviv, tel. 56795; Resid.: 12 Zeitlin St., Tel-Aviv; tel. 262855.

ANTEBI, Eliahu; surg.; Clin. Snr Lctr, Ch. Sheba Med. Center, Tel-Aviv U. Med. Sch., Tel-Hashomer; b. 10.3.1936, Tel-Aviv; ed.: Herzliah HS, Tel-Aviv; H.U. Hadassah Med. Sch., Jer.; outside courses: Tuft's U. & Boston U., Boston Mass.; m.: Varda Dunajewski; d.: Orna; s.: Dan; mbr: Isr. Med. Assn, Isr. Surg. Assn, Isr. Scty f. Gastroenterology, Isr. Scty of Angiology, Intl Cardiovascular Scty, Société Internationale de Chirurgie, Tuft's section of Sigma Xi; over 20 sci. publications.
22 Ehud St., Tel-Aviv; tel. 772828.

ANTONOVSKY, Aaron; Dr., sociologist; Snr. Res. Assoc., Israel I. of Appl. Social Res.; Prof. Sociol. of Health, University of the Negev, Center f. Health Science; b. New-York, 19.12.1923; to Israel, 1960; ed.: B.A., Brooklyn Coll.; M.A., Ph.D., Yale U., USA; m.: Dr. Helen Faigin, 58; s. Avishai; mbr, Jer. Exec., Movement for Peace & Security; co-editor of J. Koss, A. Antonovsky, I. K. Zola — Poverty and Health, Harvard U. Press, 69; A. Antonovsky & A. Arian — Hopes and Fears of Israelis, Jerus. Acad. Press, 71.
9, Hamagid St., Jerusalem; Tel. 33509.

APPLEBAUM, Shimon; archaeologist; historian; B.Litt., D.Phil., Oxon.; Assoc. Prof., Dpt. of Classics, Dpt. of Jewish History, Tel-Aviv U.; b. Liverpool, U.K., 21.4.1911; to Israel, 1939; ed.: Leighton Park School, Reading; U. of Oxford, etc.; m.: Shoshanah Benchkovski; 1 d.; 2 s.; mbr staff, Standard Jew. Encycl., 53; research-fellow, H.U. (Archaeology), 56-57; excavations: Kurnub, Akko, Beth-Shean (Roman Theatre), Tiberias, Timna; Archaeol. Survey of Eyn Boqeq; org. c'tee, 7th Intl Congr. of Roman Frontier Studies, Tel-Aviv, 67; publ.: numerous archaeol. reports in intl periodicals; "Jews & Greeks in Ancient Cyrenaica" (Hebrew), 69; "Agrarian History of England" (Cambridge U. Press); (Roman-chapter); etc.; contrib. to Compendium Judaicum rerum N.Y.; Visit. Fllw, All Souls Coll., Oxford, 72-73; aw., Wolfson Research Grant, 1962; also, Tel-Aviv U.
79/II, Ha-Universita St., Tel-Aviv; Tel. 413858.

APTOWITZER, Willi Zeev; A.C.I.I.; Chmn & Mng Dir., National Insurance Office Ltd., 53; Lloyd's Underwriters' Representative in Isr., Gen. Agents & Attorneys of Alliance Assurance Co. Ltd., London; b. 13.4.1918, Austria; m. Manzi Margit Stern; educ.: Hochschule fuer Welthandel, Vienna; Chartered Institute of Insurance, London; to Israel, 1938; p. Haganah Comdt; Rav Seren, I.D.F. (res.); Rotarian, Freemason; mbr. Chamber of Commerce, Haifa, etc.; lctr on Insurance.
154, Shd. Aba Khoushi, Hod Hacarmel, Haifa.

ARAD (Kipperman) Abraham; eng. consultant; chem. eng.; b. 29.4.1926, Haifa; studied chem. engineering, business administration; m.: Yona Hochman; ch.: Shay, Ron, Chen; Tech. Dir., Vulcan Battery Works Ltd. Haifa; Secr. Gen., Assn of Engs, Israel; Planning & Development Co-ordinator, Min. of Development; mbr, brd of dirs, Bromine Co. Ltd., Negev Phosphates Ltd., Israel Minning Industries Ltd., Fertilizers' Development Council; Secr. of "Israel Labour Block" at Technion; mbr, Technical Council, Assn of Engs & Architects, & mbr, brd of dirs, of its Research Centre; publ. various articles in prof. periodicals.
19 Kidron St., Haifa; tel. 251743.

ARAD, Michael; eng.; Gen. Mng., Vishay Israel Ltd., 69-; b. Berlin, 3.2.1929; to Israel, 1937; ed.: Technion Haifa, B.Sc., M.Sc. (electronics engineering); m. Tamar Goldstein, 1950; 2 s.; 1 d; Colonel, Israel Air Force, ret. 1969.
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ARAD, Yitzchak; Chmn, Directorate of "Yad Vashem"; p. Chief, Educ. Off., IDF; Tat-Aluf (Res.); b. 11.11.1926, Swincian, Lithuania; to Israel, 1945; ed.: "Tarbut" Sch., Lithuania; "Tachkemuni" HS; Tel-Aviv U. (History & Pol. Sci.), B.A., M.A.; married; 3 ch.; in Getto & underground mov., Soviet partisans, during 2nd World War; volunteered Palmach, 45; served IDF, 48-72; res. works: Vilna Jews in Holocaust, Jew. fighting, Family Camps in Forests, Extermination of Lithuan. Jewry.
Yad Vashem, Jerusalem.

ARAN, Yair; admin. exec.; lic. en droit (Sorbonne); Isr. Ambassador in Saigon, S. Vietnam, 73-; b. 25.10.1913, Berlin; m. Lydia; 2 s.; educ.: Frankfurt, Muenchen, Heidelberg, Paris U-ies; p. exec. v. p., Hebrew U., 44-65; p. admin. dir., Centr. Statist. Office, 65-; p. secr., comm. f. devel. of admin. areas; Consul of Isr. in Bombay, India, 71-73.
24, B. Mitudela, Jerusalem.

ARAZI, Efraim R.; Engineer Electronics; Pres., Sci-Tex Corp. Ltd., Herzlia; b. 14.4.1937, Jerusalem; ed.: Mass. Inst. of Technol., B.Sc. (Electron. Eng.); attend. Harvard U.; m.: Maria Teresa Garbagnati; s.: Igal Michele; instrumental in repatriating to Israel a whole group of Isr. sci. & engs. who obtained their advanced ed. in the US & returned to Isr. to form Sci-Tex Corp., following the 6 day war, 67.
P.O.Box 330, Herzliah B.

ARAZI, Shlomo; C.E.; Technical Adviser, Min. of Finance, M.F.A. & Weizman I.; p. Dir. Properties Dpt., -67; b. Poland, 14.8.02; m. Gisele Saphir; 2 s.; to Israel, 1920, entered Civil Service of Mandatory Govt. as draughtsman; app. Asst. Architect, Police Building Programme, 1940; Asst. Quantity Surveyor, Public Works Dpt., 1929-48; Dir. Hakiryah Office, Prime Minister's Office, 48-54; active in natl sports assns; pres. Automobile Club of Israel; Hon. Technical Adviser, Yad Weizmann, Hadassah Orgnaziation; Intl Counselor — Lions' Club; articles on engineering, contracting, sports, etc.
18 David Marcus St., Jerusalem.

ARDON, Mordekhai; painter; adviser, Min. of Education & Culture; b. Tuchov (Poland), July 13, 1896; m. Miriam Banet; 1 s.; educ.: Academy of Arts, Munich; School of Arts; Weimar and Dessau; to Israel, 1933; principal, Bezalel School of Arts, 43-52; teacher, Hebrew U. -1952; exhibitions in Germany, Switzerland, U.S.A., Israel; articles on art; Israel Prize, 1963.
Ardon House, Yefeh Nof, Jerusalem.

ARENS, Moses; SB., M.S., Assoc. Prof., Aeronautical Engineering, Technion; Vice-Pres.-Engineering, Israel Aircraft Industry, Lod; b. Kaunas (Lithuania), Dec. 27, 1925; m. Muriel F. Eisenberg; 2 s., 2 d.; educ.: Massachusetts Institute of Technology, California Institute of Technology; Assoc. Fellow, Am I. of Aeron. & Astronautics; publ. on propulsion & flight mechanics.
49, Hagderot, Savyon.

ARENT, Albert E.; attorney; partner, Washington D.C. law firm, Arent, Fox, Kintner, Plotkin & Kahn, 44-; Prof. Adjunct of Fed. Corporate Income Taxation, Georgetown Un. Law Center, 52-; Chmn, Natl Jew. Community Rel. Advisory Cl.; b. 25.8.1911, Rochester, N.Y.; ed.: Cornell Un.: A.B., 32; LL.B., 35; Phi Beta Kappa; Phi Kappa Phi; Telluride Assn; Editor, Cornell Law Quarterly, Cornel Daily Sun; m.: Frances Feldman; s.: Stephen W.; d.: Margery A. Safir; Att., Office of Chief Counsel, Bureau of Internal Revenue, 35-39; spcial assist. to the Att. Gen., 39-44; Pres., J. Commun. Cl. of Greater Wash., 57-61 (V. Pres., 55-67); V. Pres., Am. Immigration & Citizenship Confer., 65-66; Vice Chmn, Natl J. Commun. Rela Advis. Cl., 67-70; mbr: Brd of Mngrs, Wash. Heb. Congreg., 53-56, 69-70; Brd of Govnrs, Woodmont Country Club, 68-69; mbr; Steering C'tee of Natl Urban Coalition; Cornell Law Sch. Advis. CL.; Exec. C'tee & Brd of Trustees, UJA of Great Wash.; Commission on Soc. Action of Reform Judaism; Gov. Cl., AJC (mbr of Comm. on Law & Soc. Action & Natl Advis Cl.); Vice Chmn, Confer. of Pres. of Major Jew. Orgs; Brd of Trustees, Great Wash. Commun. Fndn; Wash. Lawyers' C'tee f. Civil Rights Under Law; Govning Brd of Common Cause; etc.; author of articles in the field of fed. taxation; recip.: Stephen Wise Medallion Award from Natl Capital Chptr, AJC, 65; Vicennial Medal from Georgetown Un., 71; visit. Israel, 59, 71.
3108 Rolling Road, Chevy Chase, Maryland 20015, USA.

ARGOV, Michael; painter; b. in Vienna, 1920; educ.: Realy Haifa; Kadoorie, Kfar Tabor; Ecole Natl des Beaux-Arts, Paris; m.: Michaela Dikovsky; 2 ch.; w. Art Schools of Avni, Steimatzky, Streichman, Tel Aviv; One-man shows: 1947, Sherman Gallery, Tel-Aviv; 1951, Galerie St. Placide, Paris; 1953, Galerie A. Cazelles, Paris; 1955, Galerie Suillerot, Paris; 1955, Tel-Aviv Museum, Tel-Aviv; 1955,

Museum of Modern Art, Haifa; 1956, Galerie Suillerot, Paris; 1958, Galerie Gerard Mourgue, Paris; 1958, Palais des Beaux-Arts, Bruxelles; 1959, Helena Rubinstein Pavillion, T.A. Museum; 1960, Municipal Museum, Wuppertal, Germany; 1960, Kunsthaus Lemperts, Cologne, Germany; 1961, Galerie Israel, T.A.; 1964, Galerie Israel, T.A.; 1965, Hanegev Museum, Beersheba; 1967, Massada Gallery, T.A.; Gordon Gall., 69; repr. Isr. at Biennale, Venice, 70; Gall. Heseler, Munich, 71; Mus. Berlin, 71; Engel Gall., Jer., 72; Mus. T.A., 72; Kuhlik Gall, N.Y., 73; group shows, **Paris:** Salon de Mai, Salon des Realites Nouvelles, Comparaisons, Ecole de Paris (Galerie Charpentier), Salon des Independants, Salon d'Automne, Salon des Tuileries, Peintres Etrangers a Paris (Petit Palais), Art Contemporain (Musee d'Art Moderne) etc.; **Other locations:** Biennales de Menton, "Expressions d'Aujourd'hui UNESCO", 20 Artistas de Israel, Museum of Modern Art, Sao-Paulo; Artistes of Galerie Israel, Tokyo; group shows in France, Israel, England, U.S.A., Belgium, Germany, Canada etc.; **Repres. in coll.:** French National Museums, Municipal Museum of Modern Art, Paris, Museum of Wuppertal, Museum of Tel Aviv, Museum of Modern Art, Haifa, Museum Eyn Harod, Museum Haneguev, Beersheba, and private colls in France, U.S.A., Great Britain, Belgium, South America, Israel, Germany, Canada, etc.; Bibliography: Ecole de Paris by Raymon Nacenta (Galerie Charpentier, Paris, 58); La Pittura Francese by Gabriel Mandel, (La Mandragora, Milano), 55; Peintres temoins de leur temps, Paris, 57; Jewish Painters, Massada, Tel-Aviv, 58; Painters of Israel, Massada, Tel-Aviv, 63; Art International, Du. Le Arti, 70-71.

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AVIDA, Mordechai; B.A.; M.A.; Dir. Gen., Yad Ben Zvi, Jerusalem, 68-72; Ambassador to UNESCO, 72-; born in Plock, Poland, 16.10.1909; educ.: B.A., McGill U., Montreal; M.A., Hebrew U., Ierus.; to Israel, 1930; p. snr off., Palestine Brdcast. Serv., in charge of setting up the Lsrael Brdcast. Serv., 1948, & its first dir. gen.; joined the M.F.A., as dir. gen. of the British Commonwealth Dpt. & the Consular Section; in charge of organising "Kol Zion La-golah", 1951; organised first Hebrew Culture I., in Buenos Aires, 1952, & first Hebrew College in Argentina, 1954; founder of "Ariel" Israeli Quarterly, published by the M.F.A.; served as 1st Cult. Attache, Isr. Embassy in Buenos Aires, 52-56; Minister Plenip. to Argentine, 58-61; dir., Dpt. f. Culturel Relations, M.F.A., 61-66; Isr. Ambas. to UNESCO, Paris, 66-68; recip. of high Govt. award, Argentine, 1962.
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AVIDAN, David; Poet, playwright, essayist, painter & indep. filmmaker; also, electronic composer; b. in Tel Aviv, 21.2.1934; educ.: Hebrew lit., philosophy, Hebrew U., mbr.: The Poetry Socty of Am; The Hebrew Writers' Association; ACUM Ltd.; ITI; Assn of TV & Films Dirs. in Israel (mbr., brd. of dirs); Israel Karate Federation; publ.: 14 volumes of poetry, Hebrew & English, i.a.: MEGAOVERTONE (poems, 52-66), transl. into English by the poet; NO (bilingual album, introducing Avidan's activity in plastic art & his invention of Monoprojections); Anthology of Modern Hebrew Poetry (Abelard-Schuman); Carambole (a play); The Penguin Book of Socialist Verse; transl. into Polish, Spanish & extensively into Arabic; one-man show of his Monoprojections at The Israel Museum; two short films: You Name It & Split; "Sex", Isr. sole entry to the Cannes Festival, 70; winner of the Abraham Woursell Award (U. of Vienna & A. Woursell Fndn), 71-76; recip. Isr. Prime Minister's annual prize, 73-74.
11, Shimshon St., Tel Aviv, 64354; Tel. 03-288028; Cables: AVIDANCO, Tel-Aviv.

AVIDAN, Shimon; farmer; mbr, Mapam Central C'tee; b. Germany, Feb. 7, 1911; m. Sara Kahan; commander, Haganah, 36-39; commander, Palmach battalion, 40-45; organized D.P. (refugee) camps in Germany, 45-47; commander, Givati Grigade, 48-50, IDF App., Secr. Gen. Kibbutz Artzi, 69-.
Kibbutz Ein Hashofet.

AVIDAR, Abraham; Spokesman & Dir., Press Dpt., Min. of For. Affairs, 70-; p. Isr. Embassy, Washington, Consul General, Chicago, U.S.A.; ed.: Hebrew U., B.A. (Honn.); b. 5.12.18, in Poland; to Israel, 1947; m. Malca Kastner; ch.: Gyora, Raanan, Zafrira; p. Secret. "Hehalutz", Danzig; Instructor Aliat Hanoar, Great Britain; p. mbr. "Habonim" Movement, London U.; organizer, illegal immigration to Palestine; mbr. kibbutz Gal-Ed (47-); and Secretary Israel Embassy, Warsaw (58); chief assist., USA Dpt., M.F.A.; Snr Consul for political affairs, New York, etc.
6 Hagdud Haivri St., Jerusalem.

AVIDAR, Yosef; Diplomat, Comptroller Histadruth, 68-71; b. Keremenitz, Poland, 5.7. 1906; m.: Yemima Tschernovitz, 10.1.1932; ch.: Rama, Dana; settled in Pal. 1925; with Haganah, from 1925; Mbr, Chief Command 37-48; Dir. military Industry 45-46; Dep. Chief, Gen. Staff 46-47, Quartermaster General IDF, 48-49; Brigadier General Commander, Northern Command 49-52; Commander, Central Command 52-53; Head General Staff branch, 54-55; Ambas. of Israel to U.S.S.R., 55-58; Dir. Gen. Ministry of Labour, 59-60; Ambas. of Israel to Argentina 61-65; Dir. Govt. Corp. Authority, 66-68; publ.: "Baderech Le'Zahal", Maarachot, 70.
5 Mevo Yoram St., Jerusalem.

AVIDOM (Mahler-Kalkstein), Menahem; composer; F.I.A.L.; B.A.; b. Stanislawow, Poland, 6.1.1908; to Israel 1925; ed.: Am. U., Beirut, and Paris; m. Suzanne Soumis-Lyonnais; 2 d.; Dir Gen. & Brd Mbr, ACUM; p. Pres., Israel Composers' League; p. mbr, Isr. Natl Arts Cl.; Laureate, Israel State Prize (61), Engel Prize (47, 57), Israel Philharmonic Prize (52), Acum Prize (62); composed: 9 symphonies, 4 operas, 3 concertos, 2 string quartets, chamber music f. different ensembles, vocal & solo instrumental works.
30 Smadar St., Ramat-Gan; tel. 795512.

AVIDOR (Hascalovici), Arie; journalist founder & dir., "Aurora" — weekly (in Spanish), 63-; b. Roman, Rumania, 10.11. 1932; to Israel, 1951; ed.; H.U. Jer. (soc. sci., econ., intl. relations), 54-57; m. Liliane Weil, 1959; ch: Daniel, Anat, Lyat; mbr of Israel Office, World Un. of Gen. Zion.; p. Secr., Israel Hatzeira, World Youth Mov.; mbr: Rotary Intl, Ramat Hasharon Club; Hermon Massonic Lodge; Isr. Assn of Editors of Periodicals; deleg. to the World Zion. Cong., 68.
24, Hacarmel St., Ramat Hasharon; Tel. 77-8592.

AVI-DOR (Vidor), Yoram; Ph.D.; M.Sc.; Prof., Bio-Chemist; head, dpt. of Biology, Technion; b. Hungary, Feb. 5, 1917; m. Yardena Pollak; 1 s.; 1 d.; educ.: Pecs and Hebrew U. Research Asst., Agric. Exper. station, Rehovot, 48-50; Biological Institute, Ness Ziona, 50-63; since then in present position.
56 Tel-Maneh St., Haifa.

AVIDOV, Zvi (Klein Henry); entomologist; Prof. (emeritus) of agric. entomology, 65-; b. Germany, 13.11.1896; to Israel, 1921; ed.: Landwirtsch. Hochschule, Berlin; H.U. Jerus. (M.Sc. Agr., Ph.D.); m.: Elisheva Friedman, 1922; d. Noemi Lifshitz; Agr. Res. Station, Rehovot, 23-58; Snr lctr, agric. entomology, Fcty of Agric., H.U. Jerus., 51; Assoc.-Prof., agric. entomology, 55; Prof., 60; w. Agric. Fcty, Rehovot, 58-65 (Dean, 58-62); mbr.:

Entomological Scty of Israel; Scty of Population Ecology, Tokyo; publ.: 10 books on entomology (Hebrew, English); 160 scientific papers on agric. entomology (Hebrew, English, French, German).
3, Ussishkin St., Rehovot; Tel. 951586.

AVIGAD, Nachman; M.A., Ph.D.; Prof.; p. head, Department of Archaeology, Hebrew U.; mbr, Exec. C'tee, Israel Exploration Socty; b. Zawalow, 1905; m. Shulamit Levin; 1 s.; ed.: H.U. Jer.; recip.: Bialik Prize, 54; Ben Zvi Prize, 72; publ.: "Beth She'arim III"; "Ancient Monuments in the Kidron Valley"; "The Genesis Apocryphon" (co-author); numerous articles in scientific periodicals.
18 Ibn Shaprut St., Jerusalem.

AVIGUR, Shaul; mbr, Kvutzat Kinereth; mbr, C.C. Isr. Labour Party; p. Exec., P.M.'s Office; Hon. Ph.D., H.U. Jer., 73; b. 29.9.1899, Dvinsk, Latvia; to Israel, 1912; ed.: Gymn. Herzliah, Tel-Aviv; m.: Sarah Solzansky; d.: Ruth Hillel; (s.: Abraham, fell in battle, Indep. War); p. active in illegal immigration; various assignments w. Min. of Defence, 48-51; publ.: "With the Generation of the Hagana"; edit. brd, "Sefer Ha'hagana" & "Maarachot"; recip. Israel Prize, 73.
Kvutzat Kinereth, Mobile Post Emek Hayarden.

AVI-GUY (Icht), Zvi; B.A., B.Jus., adv.; Town Clerk, Tel-Aviv-Yafo; b. Vienna, 26.5.34; m. Haviva Kruvi; 2 s.; 1 d.; ed.: H.U., Law & Soc. Sc., 52-59; Head Office of Min. of Labor, 56-59; Director, Mayor's Office & Tel-Aviv Municipality, Spokesman, 60-64. Collaboration with Prof. L. Kohn in editing Text Book on International Relations, 58; transl. into Hebr. "Diplomacy", by Harold Nicolson, 57.
36, Yehuda Hanassi St., Tel-Aviv; tel. 418993.

AVI-ITZHAK, Benjamin; Prof. of Operations Res. & Mngment Sci.; Fcty, Ind. & Mngmnt Eng, at Technion, Isr. I. of technology, Haifa; b. 13.9.33, in Jerusalem; educ.: B.Sc, (Mech Eng.), 55; Dipl. Eng., 56; B.Sc. (Indstr Eng.), 60; M.Sc. (Operations Res.), 60; D.Sc., 63; m.: Tamar Epstein; 2 s.; pres., ORSIS, Israel; mbr, ORSA, USA; mbr, TIMS, Institute of Management Sci.; publ.: numerous papers in a/m fields & appl. math.
Technion, Haifa.

AVIHAR, Eliahu Shmuel; econ. sociologist; Dir., Intl Youth Exchange, Union of Local Authorities; b. Poland, 23.1.1917; to Israel, 1949; ed. High School f. Soc. Sci., Tel-Aviv; m. Ester Bursztyn; s.: David, Gyora; p. activ.: Yad Vashem Cl.; Vice-Pres., World War II Veterans' Org.; Europ. Secr., Hanoar Hazioni-Akiba 46-49; Gen. Secr., "Yessodot" Educ. Inst., 51-57; Lctr, Histadrut Clerks' School, 55-61; Dir., Israel Tourist Office in Belgium, 67-69; p. edit. "PLOTZK" Memorial Book, "Denmark seen by an Israeli", "Holland seen by an Israeli"; also on municipal topics etc.
5, Hadaya St., Holon; Tel. 844047.

AVIMOR, Shimon; Ambassador to Cambodia & Laos, 72-; Dir. of Archives, Min. of Foreign Aff., 68-72; b. 1.8.1913, Frankfurt, Germany; to Israel, 1933; ed.: HS in Germany, M.A. Hebrew U. (History, Philosophy); m. Rachel Yanovsky; ch.: Yizraela; Yacov-Yehuda; 62-65, First Secretary, Israel Embassy, Dakar; Consul at Bathurst, Gambia; 65-68, Ambassador to Gabon.
14, Metudela Street, Jerusalem; tel. 31815.

AVINERI, Shlomo; Ph.D.; Assoc. Prof., Political Theory, Hebrew U., b.: 20.8.1933, in Bielsko, Poland; educ.: Hebrew U., London School of Economics; to Israel, 1939; m. Dvora Nadler; d.: Maayan; grad. Shalva Secondary School, Tel-Aviv; served in IDF; studied history, political science, in Jerusalem, later in London; Visit. Lect. in Political Sci., Yale U., USA, 66-67; Visit. Prof., Wesleyan U., USA, 71-72; fllw, Res. Sch. of Soc. Sci., Australian Natl U., 72; chmn, Dpt. of Polit. Sci., Heb. U., 69-; publ.: "The Social and Political Theory of Karl Marx", Cambridge, 68; Res Publica, Lectures on Political Theory (Hebrew); a Hebrew translation of Marx's early writing; "Israel and the Palestinians", N.Y., 72; "Hegel's Theory of the Modern State", Cambridge, 73; awarded Rubin Prize for his book on Marx's political theory.
50 Harlap St., Jerusalem; tel. 33916.

AVINOR (Aszkenazy), Gitta; Lit. Crit.; lctr, Haifa U.; b. 16.10.1929, Vienna; m.: Dr. M. Avinor; ch.: Irith, Shaul, Haim; ed.: H.U. Jer. (H.L.), 49-55; res. work.: U. of Utrecht, 57-59; in USA, 69-70; publ. in "Massa", "Moznayim", "Keshet", "Maariv", "Al Hamishmar", "Carmelit" & "Theatron"; in Heb. Encycl. & Encycl. Judaica; to Israel, 1939; mbr, Heb. Writers' Assn.
37, Palmach St., Haifa; Tel. 245240.

AVISHALOM, Dov Issachar; Ph.D.; M.Sc.; author; instructor of math., Minnesota U.; asst. prof. math., St. Thomas College, St. Paul; mbr, Am Math Scty; mbr, Assn for Symbolic Logic, U.S.A.; b. Poland, June 25, 1910; m. Rachel Yudlevitz; 2 d.; educ.: Warsaw & Hebrew U-ies; to Israel, 1935; p. lect. (Mathematics) Bar-Ilan U.; lectr. of Math., Hebrew U., 64, mbr, British Legion, mbr, Bnei-Brith Order; author of 4 books on Algebra; book on Astronomy; book on Calculus & Differential Equations; articles on science and education problems.
37 La Guardia St., Yad Eliahu, Tel-Aviv.

AVI-SHAUL, Mordechay; author, translator; b. Solnok, Hungary, May 17, 1898; m. Lea Yedidia; 1 s.; 2 d.; educ.: Teachers' Training Coll., Budapest; Hebrew U.; to Israel, 1921; associated w. Sifriat Poalim Publishing Co. 48-; author, 2 vols of poetry; 2 vols of plays (including "Jew Suss", produced by "Habima", 1933); works of prose:

Swiss Metamorphoses, 1963; King Karakash and Other Profane Stories, 1965; The Graves Are Ready, 1968; essays on Goethe, Heine, Thomas Mann, Brecht, Attila Jozsef and others; transl. into Hebrew works by Jack London, Stefan Zweig, Lion Feuchtwanger, Thomas Mann, Goethe, Julius Fucik, Jaroslav Hasek, Bertolt Brecht, Joseph Conrad, Attila Jozsef, Miklos Radnoti, Janos Arany and others; Mbr: Hebrew Writers Assn.; Societe d'Auteurs, Compositeurs et Edit. de Musique; P.E.N. Centre in Isr.; Human & Civ. Rights (vice-chmn); Isr.-USSR Friend. Org.; Isr. & Wld Peace Cl.; works transl. into Chinese, Czech, English, Hungarian, Russian, Yiddish; Tchernichovsky Prize for translation of classics, 1957; ACUM Prize for literature, 1966; Nordau Prize, 1967; Medal, Hungarian P.E.N. pro Litteris Hungaricis, 70.

8 Kiryat Sefer St., Tel-Aviv.

AVISHAY, Mordechai; writer, journalist, school educ.; m.: Ora Marmor; s.: Shlomo, David; to Israel: 1948; 2 yrs kibbutz training, then IDF, civil servant, then, exclusively, writing; perm. contrib. to literary journals, Kol Israel, Moznayim, etc., mainly lit. criticism; mbr. Israely Hebrew Writers U.; publ.: "A Monography on Gorky" ("Idit", 60); "Between 2 Worlds" ("Idit", 62); "Balkanic Folk Tales", ("Reshafim", 62); "European Travels" ("Aleff", 65); "A Monography on Nikos Kazantshakis" ("Aleff", 67); "Roots on the Tree-Top" ("Aleff", 69).

11, Gush Halav St., Holon; tel. 846595.

AVI-YONAH, Michael; B.A.; M.A.; Ph.D.; Prof. of Archaeol. & Hist. of Art, H.U. Jer.; b. 26.9.1904, Lwow; m. Eva Boyko; 1 s.; 2 d.; ed.: London University; to Israel, 1921; Archaeological Officer, Dpt of Antiq., 31-48; Res. Secr. Dpt. of Antiq., 48-53; Bialik Prise, 56; Ben Zvi Prize, 71; directed Isfiya, Beth Yerah, Givat Ram, Masada, Avdat & Caesarea excavations; author of "Mosaic Payements in Palestine"; "History of Jews in Byzantine Period"; "Historical Geography of Eretz Israel"; "Antiquities of Israel" (with Sh. Yeivin); "Oriental Art in Roman Palestine" and a pictorial commentary on the New Testament; "Carta Atlas" (Second Temple, Mishna, Talmud); History of the Holy Land (editor); "History of Classical Art"; "The Holy Land Guide"; "Jerusalem the Holy"; articles in scientific periodicals (collected in "Essays and Studies in the Lore of the Holy Land").

15 Bialik St., Beit Hakerem, Jerusalem.

AVIZEMER, Shimon; B.A.; Educ. Repr. of Youth & Hechalutz Dpt., J.A., in London, 70-; b. Saana, Yemen, 31.3.1925; to Israel, 1934; ed.: Teachers' Smny, Jer.; H.U.. Jer.; Adult Educ. Coll., Edinburgh — Scotland (1 year); m. 1960; s.: Ahiya, Haggay; p. Dir.: New Immigrants Dpt. & Inform. Dpt., Labour Pty Exec.; Adult Educ. Dpt. (p. Chmn, scholarship c'tee); exec. mbr, Labour Pty & Histadrut; mbr: Wld A.C. & Wld J.C. Exec., etc.; essays on soc. & cultural subjects, topics of integration problems of communities & new arrivals in Israel.

31, Friedman St., Tel-Aviv; Tel. 448-007; 3 Kiddepore Gardens, N.W. 3, London, England; Tel. 435-2617.

AVNER, Gershon; M.A., Dir., Office of the Commission f. Complaints from the Public (Ombudsman), 71-; b. Berlin, 5.10. 1919; m. Yael Vogel; educ.: Exeter and Oxford U.; Dir., West European Division, MFA, 48-52; Charge d'Affaires, Israel Legations, Budapest and Sofia, 52-53; Counsellor, Israel Embassy, London, 53-57; Director, U.S.A. Division, MFA, 57-61; Ambassador to Norway, 62-63; to Canada, 63-67; Assist. Dir. Gen. f. Europ. Affs, M.F.A., 67-71.

Ombudsman Office, P.O.B. 669, Jerusalem.

AVNERY, Uri; M.K.; journalist & writer; editor-in-chief, "Haolam Hazeh" (weekly) 50-; Chairman, Haolam Hazeh — New Force Movement; elected to Knesset, 65, 69; b. Germany, Sept. 10, 1923; to Israel, 1933; during War of Liberation with "Samson's Foxes" (Commando unit, Givati), wounded in action; joined editorial board "Haaretz"; author of "Our Struggle" (1946); "War or Peace in the Semitic Region", 1947; "Total War", (1947); „In the Fields of the Philistines" (1949); "The Other Side of the Coin" (50); "The Swastika" (1961); "Israel Without Zionists" (English), 1968.

12, Karlebach St., Tel-Aviv.

AVNEYON, Eytan; econ.; Mng. Dir.: Hassneh Insurance Co. of Israel Ltd.; Bank Hapoalim B.M.; mbr., Brd. of Dirs.: "Eshel" Insurance Co. Ltd.; Japhet Bank Ltd.; Industrial Development Bank of Israel, Ltd.; Israel Corporation Ltd.; "Shimshon" Insurance Co. Ltd.; Hon. Treas., Chamber of Commerce Australia-Israel; b. 6.9.1930, Poland; to Israel, 1932; ed.: H.U. Jer., B.A. (econ. & Sociol.), Dipl. Bus. Admin.; m.: Daliah Shrizli; 4 ch.: Joav, Ephrat, Michal, Ronit; p. Assist. Commissioner, Natl. Savings Auth., Min. of Finance.

Hassneh, Insurance Co. of Israel, Tel-Aviv.

AVNI, Tzvi; composer; Dir. A.M.L.I., Central Music Library in Israel; b. 2.9.27, in Germany (Saar); educ.: music theory & compos. at Tel-Aviv Music Academy; Electronic Music, in New York, Toronto, (62-64); to Israel, 1935; m. Pnina Grodnaith; teacher (53-58), Dir. Lod Municip. Conserv. (58-61); Mbr. Brd. Composers' League (65-68); edit. "Gitit", Musical Adv. to "Bat-Dor" ballet, T.A. publ.: piano sonata, 2 string quartets; "Prayer" f. string orch.; wind quintet; "Mizmorei Tehilim" f. mixed choir; "Meditations on a Drama", f. chamb. orch.; awarded, 1st Akum Prize, 1966; 'vocalise" — electronic music; Ballets: "Requiem for Sounds", "Ein Dor"; "Holiday Metaphors" for Symph. Orch. (Engel prize, 73).

7, Zangwill St., Tel-Aviv; tel. 230775.

AVNI, Yitzhak; Dir Gen., Israel Govt Coins & Medals Corp.; b. Berlin, 23.1.1923; m. Leah Gur-Arieh; 1 s.; 3 d.; mbr, Assn of

Intl Accountants, U.K.; British Army (41-46); Assist. Treas., & Treasurer P.M.'s Off.; Co-director, Israel-Am. Joint Fund for Technical Assistance, 1952-56; Dir., J.N.F., South African Zionist Federation, 56-59; Treasurer, P.M. Office, 59-61; in U.S.A. on behalf of J.N.F., 61-63; Asst. Dir. Gen., P.M. Office, 1964.
6 Ibn Ezra St., Jerusalem; tel. 39716.

AVNIEL, Benjamin; Ph.D. (Soc. Sci., Econ., Educ. Train); M.K. Heruth-Liberals, 51-69 (chmn, econ. comm. of the Knesseth. 55-59; Knesseth deleg. to Europ. Cl., 55-69); b. 1907, Jerusalem; married; 2 d.; ed.: Teachers Smnry, Jer.; U. of Brussels; Inst. of Supra-Un. studies, Brussels; p. vice-chmn f. absorption & settl. released soldiers of 2nd world war; Chmn & Chief Recruiting Off. to Hagana & Isr. Army, 47-49; auth. of 6 books on labour problems, Arab-Isr. problems, democracy & dictatorship, soc. security problems, etc.
64 Bilu St., Tel-Aviv; tel. 226645.

AVNON, Yaakov; Exec. Dir., Israel Education Fund, N.Y., 72-; b. 26.2.1919, Vilna; m. Poria Rafaeli; 1 s.; 2 d.; educ.: Technion Haifa; to Israel, 1937; British Army (Major), 40-46; Haganad and IDF (Sgan-Aluf), 46-50; joined Foreign Service, 50; First Secr., Stockholm, 52-55; Consul General, Los Angeles, 58-61; Ambassador to Sierra Leone, 61-64; Dir., Public Relat. Div., M.F.A., 64-68; Ambassador to the Philippines, 68-72.
16 Gelber St., Ramat Danya, Jerusalem.

AVRAHAM, Michael; Econ. Adviser, Ministry of Labor; Snr Lctr, Bar-Ilan U.; b. 1928, Israel; ed.: H.U. Jer. — B.A.; New Sch. f. Soc. Res. N.Y. — M.A.; Ph.D.; divorced; Chmn, brd dir. C.I.R.C.O.M., Intl Center on Rural Cooperatives; mbr, Exec. Brd & brd of dirs, Isr. Inst. f. Productivity; brd of dirs & Fin. & Manpower c'tees, Lapidoth Oil Comp.; brd dirs & res. c'tee, Isr. Management Assn; p. Head, Econ. Dir. Natl Cl. f. Res. & Devel., Prime Min. Office; snr lctr, N.Y. City U.; p. mbr brd dirs, "Mada" sci. monthly; p. brd of dirs, "Tami" Chem. res. inst.; publ.: The Mercantilist Tradition of Theory and the Phylosophical Background of the 18th Century; Factors in the Determination of the Succes of Strikes; Evaluation of the Return of Investments in Res. & Development; Res. and Develop. in Israel — a survey of manpower and expenditures; Strikes and the Business Cycle.
11 Hatzfira St., Jerusalem.

AVRAHAMI, Levi; Dir.Gen, ISNUMAT, Israel Numismatic, Antiquities and Arts Co. Ltd., Jerusalem; b. Monasterische (Russia) April 27, 1907; m. Lea Barsilai; 1 s.; educ.: Herzliya College; to Israel, 1912; on staff of Palestine Electric Corp. 37-38; with the Haganah 38-45; Political Dpt., Jewish Agency 44-48; I.D.F., Major (Rav-Seren); Commander, Jerus. District Police Forces, 49-59; founder, Dir-Gen., Government Coins and Medals Corp., 59-63; co-author: "Sefer-Haganah", etc.
12 Rachel Imenu St., Jerusalem, tel. 31768.

AVRECH, Mira; Author, Journalist; b. in Kiel, Germany, 6.6.25; educ.: Herzl Gim, T.A., Film & TV Acad., Berlin; to Israel, 1934; joined W.A.A.F., 1941; mbr., IZL; IDF., Segen (Lieutn.); daily column in "Yediot Ahronot" (1950-;); publ.: "Border Incident", play, produced in London; "Mr. Ten Percent", film, produced in London; "A Biography of Paula Ben Gurion"; "The Land I Left...", a documentary film on Germany; "Shalom El-Al", a documentary film on Israel's National Airline; awarded the "Silver Medal" at the Intl Industrial & Commercial Film Festival, New York, 1970.
80, Shelomo Hamelech, Tel-Aviv; tel. 246086.

AVRIEL, Ehud; Zion Action C'tee, 69-; Repres. of Ramat Hagolan settlements; Advis. to the Min. for Foreign Affs, 72; p. Ambass. to Italy & Malta; p. Dep. Dir. Gen, M.F.A (incharge of African Affairs & Intl Cooperation), 61-66; b. Vienna, 19.10.17; m. Hannah Eliasberg; 3 d.; p. head, Youth Aliya, Vienna; since 39, member Kibbutz Neot Mordechai; rescue work on behalf of Jew Agcy in Istanbul, 42-44; Aliya B, 44-47; app. first Israel Minister to Prague, later to Budapest, 48; Minister to Bucharest, 50; Dir. Gen. Prime Minister's Office, later Treasury, 50-53; M.K., 55; Ambassador to Ghana and Liberia, 57-60; Ambassador to Congo, 60-61. Dep. Dir. Gen., M.F.A. (Intl Coop. & African Affairs), 61-66; Ambass. to Rome & Malta, 66-69.
Kibbutz Neot Mordechai.

AVRIEL, Mordecai; Assoc. Prof. of Chem. Eng., Technion Haifa; Assoc. Edit., Journal of Optimization Theory and Applications; b. 8.8.1933, Budapest; to Israel, 1949; ed.: Technion Haifa, B.Sc., 61; M.Sc., 63; Stanford U., Ph.D., 66; m.: Hava Rosenthal; 3 ch.: Dorit, Ron, Tal; Snr Res. Eng., Mobil Oil Corp., Princeton N.J., 66-68; Snr Lctr, Technion, 68-71; mbr: Inst. of Mngmnt Sci.; Operations Res. Scty of Isr.; Isr. Inst. of Chem. Engs.; Operations Res. Scty of Am.; Math. Programm. Scty; Fllw, Intl Center f. Mngmnt Sci., 70-71; publ.: 1 book, about 25 sci. articles, 1 patent.
15a Simtat Dalia, Haifa; tel. 252784.

AVRON (Abramsky), Mordehay; B.S.; Ph.D.; Prof., Dpt. of Biochemistry, Weizmann I., 67-; Chmn, Isr. Natl Cl. of Res. & Dev.; Dean, Fcty. of Biochemistry-Biophysics, Weizmann Institute of Science, 73-; b. Tel-Aviv, 29.9.31; m. Nira Mitrany; 1 s.; 1 d.; educ.: U. of California; post-doctoral Fellow, McCollum-Pratt Institute, John Hopkins U. (55-58); Biochemistry Dpt., Weizmann I. (58-66); articles on biochemistry of photosynthesis.
8 Meonot Shine, Rehovot; tel. 951721.

AXELROD (Kuperman), Harriet M.; Pres., B'nai B'rith Women, Distr. 3; mbr: A.J.C.; O.R.T.; Temple Emanuel of Westwood, N.J., & their Sisterhood; Brandeis U. Women; b. New-York City, 10.7.1918; ed.: City Coll., N.Y. (f. 2 years); m. Maurice Axelrod, 1939; s. Paul; d. Susan; B'nai B'rith Women, Dist. 3, award f. service to veterans.
9 Elaine, Hillsdale, N.J. 07642, USA.

AYALON, Zvi; City Comptroller, T.-A. Municip., 70-; p. Head, Licensing Authority, Min. of Transp. (66-); p. Min. to RSR; b. 1911; 2 ch.; ed.: Reali School; Agric., School, Mikveh Israel; Columbia U.; to Israel, 23; Dep. Chief, General Staff, 48; commander, Central Command, 48-52; Quartermaster General, 52-54; Commander, Central Command, 54-56; (rank of Aluf); studied administration, Columbia U., 56-57; head, building and property dpt., 57-58; Head, Def. Ministry Mission to U.K. (59-63).
1 Pasternak St., Naveh Avivim, Tel-Aviv; tel. 416553.

AYERS, William Hubert Mullard; Commercial Dir., I.C.I. (Israel) Ltd.; b. 25.8.24, Ironbridge, Shropshire, England; ed.: Coalbrookdale Country HS; Balliol Coll., Oxford; M.A. (Oxon); m. Renee Horowitz; 1 s.; 1 d.; Lieut., 43-46; mbr., Staff of I.C.I. (India), 50; transfer. to I.C.I. (Israel), 56; hobbies: bridge & gardening.
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AZAR, Asher; Mayor of the City of Eilat (67-); b. in Satu Mare, Roumania, 3.4.1921; m: Chava Schwartz; to Israel, 1938; elected Dep. Mayor, 1965; Mayor, 67.
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BACH, Jaacov; Dr.; Joint Gen. Mng., General Mortgage Bank Ltd., 63-; b. Germany, Nov. 18, 1911; m. Judith Sandler; 2 s.; educ.: Freiburg, Berlin & Breslau U.; staff of Min. of Agriculture & of Finance, 49-53; Head Office, Bank Leumi Le-Israel, 53-63; articles on agriculture, economics & on the European Common Market.
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BAER, Gabriel; M.A.; Ph. D.; orientalist; Prof. Hist. of Muslim Countries, I. of Asian & Afr. Studies, H.U.; Edit. "Asian & African Studies", Annual of Israel Oriental Soc.; b. Berlin, Jan. 13, 1919; m. Eva Apt.; 1 s.; 1 d.; educ.: Hebrew U.; Am. U. Beirut; teacher of Arabic and free-lance journalist on Arab affairs; author of "The Arabs of the Middle East — Population and Society"; "A History of Land Ownership in Modern Egypt 1800-1950"; "Population and Society in the Arab East"; "Egyptian Guilds in Modern Times"; Studies in the Social History of Modern Egypt"; edit., The Ulama in Modern Hist.; The Ulama, etc., in memory of Prof. Heyd.
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& Central Europe 42—8; Gen. Secr. Publ. Relations, Israeli Ministry of Defence, 48—9; now, Snr Lecturer & Head, Fcty of Journalism & Mass Media, U. of Econ. & Soc. Studies, T.A.; Found. & org. of ITIM, Isr. natl news agency; Lecturer on Journalism at the Technion's special classes for editors of periodicals; took active part in rescue of Jews from Nazi occupied territories, as HIAS dir. in Czechoslovakia, intimately associated with Illegal Imigration; publ. "Coloquial Hebrew" & also numerous articles on natl topics.
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BAR, Shimon; actor & singer; B.A. (Dpt. of Lit.) Bucharest U.; b. 26.10.27 in Rumania; m. Shoshana Landes; d. Dafna; permanently associated with "Cameri" Theatre.
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BAREQUET (Bornstein), David; dir. of comps; el. & mech. eng.; metallurg.; Dep. & Act. Mng. Dir., Dimona Fibres Ltd., 72-; Dir. of Branches, AMISRAGAS Ltd.; Gen. Mng., Metal & Enameling Industries, Ltd.; Dir, Nature Cure Inst Ltd. & Aldens Promotion & Devel. Center & DBA Business & Management Consulting Serv.; b. 8.9. 1930, T.A.; m. Ora Dan; s. Gill, Raz; d. Vered; ed.: Technion & Glasgow U.; High Sch. of Law & Econ.; p. Assist. at Technion (53-55); Diesel Superintendent, Israel, Railways (55-57); Dpty & Act. Production Mng. Israel Steel Wks, Ltd. (58-62); Rep. Isr. Govt. Investment Auth., U.S.A. (62-65); Assist. Mng. Dir. "Arad" Quarries & Roads Ltd. & Coordinator Industrial Div. "Rassco" Ltd. (65-68); lecturer on metallurgy, statistics & management; mbr. Eng. & Arch. Ass'n; mbr. Israel Mngmnt Centre.

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BAR-HAIM, Shaul; LL.B.; Isr. Repr. to Turkey, 1971-; p. Ambassador to Cyprus, 1969-1971; b. Bagdad, February 13, 1924; to Israel, 1944; grad., High School of Law & Economics, Tel-Aviv; m.: Ziona; ch.: Daliah, Reuwen; in charge of Arabic Information Dpt., Jew Agcy, 45-48; dir., Arabic broadcasts, 48-60; counsellor, Isr. Embassy Washington & mbr UNO Delegation, 60-64; dir., Special Assignments Bureau, MFA, 64-66; dir. Middle Eastern Dpt, MFA, 66-68; Minister Plenip. Teheran, 68-69 (Sept.); p. repres. Iraki-Jewish Immigrants to World Sephardic Congress, Paris 1952.

Israel Embassy, Turkey.

BAR-HILLEL, Yehoshua; Prof., Logic & Philosophy of Science, H.U. Jer.; b. Vienna, 8.9.1915; to Israel, 1933; ed.: H. U. Jer., M.A., Ph.D.; m. Shulamit Ashkenazi; 2 d.; publ. Language and Information, 64; Aspects of Language, 70; with A.A. Fraenkel and A. Levy, Foundations of Set Theory, 2nd rev. ed., 73; mbr, Israel Academy of Sciences and Humanities.

30, Abravanel St., Jerusalem.

BAR-ILAN, Tuvia; B. Ch. E.; Ph. D.; chemist; Mng. Univ. Branches, Bar Ilan U.; Dir. Gen. Bar-Ilan U.,58-64; Pres. Bnei Brith Lodge "Hashlosha", Holon (60-65); Mbr., Gen. Council, "B'nay Brit", 14th Dist. (65-); Dir., Bar-Ilan U. courses in Ashkelon, Safed, Jordan Valley; b. 28.12.12; m. Temima Ribakov; 4 ch.; ed.: Mizrachi Teacher's Seminary, Jer.; Polytechnic Institute, Brooklyn; O.C. Technical Experimental Station R.E. and War Dpt. Analyst, 1943-46; Commander, Scientific Corps (Hemed), Jerusalem, 1948-49; founder, manager, of several plastics factories (1949-1965); chairman, Ass'n of Plastic Extruders, 1955-56; act. chairman, Plastics Research Ass., 57; mbr. Holon Town Cl. Exec., 69-; publ.: research works on organic chemistry & plastics.

3 Azar St., Holon, Tel. 844952.

BARKAI, Yehuda; econ.; Gen. Mng., "Haargaz" Ltd., 69-; Dir., Isr. Boy & Girl Scouts Fed.; b. 11.6.1925, Lithuania; to Israel, 1935; ed.: Law & Econ. Sch., Tel-Aviv U., B.A. (Econ.); New Sch. of Soc. Res., N.Y., M.A.; m.: Chaya Mishkov; 2 d.: Hadas, Dafna; 1 s.: Dan; mbr, Kibbutz Be'eri, 43-49; Bus. Mng., Habimah Natl Theatre, 53-56; Vice-Pres., Indust. & Commercial Bank, 60-63; Dir. Personnel Kupat Holim, 63-69; p. brd mbr: "Amcor" & affiliates; Isr. Assn Personnel Mngmnt; Assn of Human. Academics; lctr on econ. & bus. admin. in acad. inst. & smnries; auth.: "Basic Principles in Economics"; "Dictionary in Economics"; recip. "Bronze Wolf" order by Wld Scouts Org.

66 Herzog St., Givatayim; tel. 742809.

BARLEV, Haim; Minister of Comm. & Industry, 72-; C. o. Staff, IDF, 68-71; p. Chief Gen. Staff Branch, G.H.Q.; p. Dep., Planning & Operations, GHQ, IDF; b. in Vienna, 16.11.1924; m.: Tamar Ma'arshak; 1 d.; 1 s.; to Israel (from Yugoslavia), 1939; grad. Mikveh Israel Agric. School & Columbia U., N.Y.; mbr, Palmach units, 42-48; app. Comm. of Armoured Units, War of Independence, 1948.

Zahala.

BAR-MENACHEM, A.; p. Mayor of Natania; Dr. Jur.; b. 1912, Germany; studied Law; Ph. D., 1933; p. Secr. "Hechalutz", The Netherlands; to Israel, 38; mbr. Kibbutz

"Gevar- Am"; p. Secr., Comm. of Negev Region, Pres. Reg. Coun. Hof-Ashkelon; p. Secr., Labour Secret., Natania (56); elected Dep. Mayor (65); Mayor (67-69).
City House, Natania.

BARNATAN, Yehuda; industrialist; owner, dir., alcohol & yeast plants, oxygen plants, ABIR and CABEER breweries & of several metal & aluminium works; mbr, Presidium, Manufacturers Ass'n; mbr. brd, Israel Industrial Bank, Industrial Development Bank, and Frgn. Trade Bank; C'tee, mbr of several public bodies; b. Dembica (Poland), April 25, 1903; m. Klara Engelberg; 2 s.
33 Ruppin St., Tel-Aviv.

BARNETT, Bernard H.; lawyer & an authority in taxation; Hon. Natl Chmn, UJA; mbr, UJA Exec. C'tee & Natl Campaign Cabinet; b. 13.7.1916, Helena Arkansas; ed.: grad. from Law Schs of Vanderbilt U. & Ohio State U.; m.: Marian Spiesberger; s.: Charles Dawson; Lt. US Navy, during Wld War 2; practice in Louisville; partner in various law firms, 46-; mbr: Louisville, Kentucky & Am. Bar Assns; pres., Haifa U. Fndn.; served as chmn. f. non-Jew. solicitations f. successful bldg. fund drives which the Louisville Confer. of J. Orgs, conducted on behalf of the local J. Comty Cent. & the J. Hosp.; co-chmn: Salv. Army Bldg Fund, March of Dimes Special Gifts C'tee, Kentucky Hearth Fund, Kosair Crippled Childs Fund, a campaign which embraced all of the city's major cult. groups, incl. the Louisville Orchestra; Kentucky State Chmn of the Republ. Finance C'tee; mbr, Advis. Group to the Joint C'tee on Internal Revenue Taxation of Congress f. 3 years.
800 South 4th St., Louisville, Kentucky, USA.

BAR-NIV, Zvi; Pres., Natl Labour Court, 69-; Solicitor General, 62-69; Teach. Fllw, H.U. Jer.; b. Poland, 29.5.1916; m. Rina Plavner; 2 d.; educ.: Hebrew University Law School; law practice in Jerusalem, 43-48; Legal Adviser, Ministry of Labour, 48-62; head of Israeli delegations to Intl Labour Conferences, 54-58; repres. of Israel at gov. body of ILO, Geneve, 60-62; p. Adviser, Intl Lab. Off., Geneve, 58-60; publ. articles & books in his field.
41, Hatayassim St., Jerusalem; tel. 33462.

BARON, Benjamin; attorney, notary conveyancer; active in Central African ZO; local advisor: Bulawayo Heb. Congrn, Bulawayo Un. of J. Women, Bulawayo Chevra Kadisha; b. 16.10.1904, Bulawayo, Rhodesia; ed.: Milton HS, Bulawayo; Rhodes U.; m.: Rachel Joffe; s.: Marshall Philip; 3 d.: Merle Brenda Guttman, Saone Caroline Crocker, Beverly Louise Caplan; MP, Rhodesian Parliament, 54-58; p. Pres.: Blawayo Young Israel Scty, Bula. Chovevei Zion Scty, Bula. Jew. Guild; p. v. Pres.: Cen. Afr. Jewish Brd of Depties, Bula. Heb. Congrn; p. Chmn, Hon. Life-mbr, Miltonians Assn; found-mbr, Rhodesian U. Assn; etc.; part. in many fund raising confer., IUA, Israeli Emergency Appeal, etc.
19, Oxford Road, Hillside Bulawayo, Rhodesia.

BAR-ON, Mordehai; B.A.; M.I.A.; mbr, exec. c'tee, Jew Agcy & head of Youth & Hehalutz Dpt. thereof (elected, at 27th WZ congress); p. chief educational officer, IDF; b. in Tel Aviv, 26.12.1928; m. Er'ela Zaitzov; 2 ch.; educ.: Hebrew U., Columbia U.; Staff Coll., IDF; Officer, Ghivati Brigade, IDF, during War of Independence; O./C., Accad. Reserves, 54; head, Historical Div. IDF, H.Q., 55; head, office of the Chief of Staff, 56-57; chief educ. off., 62; research work on the Sinai campaign, etc.; mbr, Council f. Culture & Art; mbr, Public Council on Information; mbr, Labour Pty; publ.: work en education in the IDF & essays on Zionism, Judaism, educ. topics; editor, Album IDF on Six Days' War, et.
7, Masaryk St., Jerusalem; tel. 36680.

BARON, Rachel Hannah; Bachelor of Arts; voluntary soc. wlfr worker; Chmn, Sizeine Jun. Scndry Sch. — African — C'tee (Natl Cl. of Womens project); Natl V. Pres. (p. Pres.), Natl Cl. of Women, Rhodesia; Pres., Cen. Afr. Womens Zion. Cl., f. 26 years; b. 10.9.1910, Johannesburg, S.A.; ed.: Jeppe HS, Johann.; Witwatersrand U., B.A., 31; m.: Benjamin Baron; s.: Marshall; 3 d.: Merle Guttman, Saone Crocker, Beverly Caplan; co-Chmn, East Suburbs Branch, Bulawayo Womns Zion. Scty; mbr: Intl Standing C'tee f. Intl Rel. & Peace, Intl Cl. of Women; University Women, Womens Inst.
"Beth Rachel", 19 Oxford Road, Hillside Bulawayo, Rhodesia.

BARON (Bar On), Raphael Raymond Vincent; M.A. (Hons. Cantab.); Dir. of Research & Statistics, Min. of Tourism; p. Chief, Planning & Development, Directorate of Central Bureau of Statistics, Jer.; mbr, International Statstics Institute; flw, Royal Stat. Socty; b. London 4.12.27; m. Joch. Lurie; 1 d.; 1 s.; educ.: Cambridge U.; External Lctr in Statistics, H.U.; author of "I.U.J.F. Survey of Jewish Univ. Students" (1955); "Seasonality in Israel" (63); "Automated Linkage of Population Registers & Censuses" (64); "Seasonality & Trends in Isr. Tourism" (68); "Analysis of Seasonality and Trends - Methodology and applications in Israel" (73); other publ. on statistics & tourism.
88A Herzl Blvd., Jerusalem; tel. 525654.

BAR-RAV-HAY, David; adv.; Hon. Citizen of Haifa; b. Njeshin, Russia, 1894; to Israel, 1924; ed.: Coll. & Inst. f. Intl Affairs, Russia; Technical Coll., Germany; Law Classes, Palestine; m. Dr. Shulamith Heth, 1919; s. Meir; mbr: C.C., Isr. Labour Pty; Cl. of the Reali Sch., Haifa; Chmn, Haifa C'tee of Russian Immigrants; Dep. Chmn, Jew. Community Haifa, 32-48; mbr, Vaad Leumi, 31-48; M.K., 49-65; publ.: articles on constitutional law, especially on electoral law & parliamentary regulation, in "Davar", "Hapoel Hazair", "Oth" & other periodicals.
26, Netiv Ofakim, Haifa; Tel. 243496.

BAR-RAV-HAY, Meir; adv.; practising lawyer in Haifa, 48-; b. Odessa, Russia, 1920; to Israel, 1924; ed.: Reali Sch., Haifa; H.U., Jer.; Govrt. Law Classes;

m. Yehudith Botkovsky, 48; 3 d.: Dina (Ben Elissar), Noga, Rachel; City Councillor, Haifa; mbr: Standing Legal C'tee, World Veteran Fed.; Brd of Governors — Haifa U. & Haifa Med. Sch.; w. Palestinian Units in the British Army, 41-46; serv. IDF (p. active position: Pres. Court Martial North & Naval Commands), 47-50; City Councillor, Haifa, 56-65; Cl. mbr. f. Israel, World Vet. Fed., 57-65; Chmn, Central Natl Elections' C'tee, Histadruth general elections, 69; Chmn, Magen David Adom Haifa, 69-70; recip. of Intl Amity Award, by Am. Legion's Natl Convention, 1966.

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BARROMI, Joel; Dr. Juris.; diplomatist; b. Rome, 26.2.1920; to Israel, 1939; grad. in law, U. of Rome, 45; grad. H.U. Jerusalem (History), 51; served British Army & IDF; p. teacher, Institute f. frgn instructors, Jew Agcy, 49-51; entered MFA, 51; p. Counsellor, Israel Embassy Buenos Aires, & Charge d'Affairs, Israel Embassy Montevideo, 55-61; p. head of the Latin-Am. Dpt, M.F.A., Jerusalem, 61-63; Dep. Head, Israel UNO Delegation, rank of Ambassador, 63-69, & concomitently Non-Resident Ambassador to Haiti; m. Hedva Katz; ch.: Shaula, Gad, Orna, Edna; head, Cult. & Sci. Relat. Dpt, M.F.A., 70-; lctr, on Lat. Am. & UN affairs, Hebrew U., 69-.

16, Hag'dud Ha-Ivri, Jerusalem, tel. 31153.

BARTA, Joseph; M.Sc., Ph.D.; Visit. Prof., H.U. Jer.; Snr Sci. Off., Min. of Defence, 62-; b. Rumania, 20.9.1927; to Israel, 1948; ed.: Technion, Haifa; Sheffield U.; s. David; p. res. assoc.: A.E.R.E. Harwell, England; A.E.R. US Air Force, USA; mbr: British Ceramic Scty; Am. Powder Metallurgy Inst.; Intl Plansee Scty f. Powder Metallurgy; publ.: sci. papers in the field of ceramics & powder metallurgy; mbr, edit. brd, "International Powder Metallurgy".

28, Hanna St., Haifa; Tel. 04-87192.

BARTAL, Albert; M.D.; neuro-surgeon; Head of the Department for neurological surgery, Ichilov Med. Center, Tel Aviv, 64-; b. 30.1.22, in Sofia, Bulgaria; m.: Sarah Krill; ch.: David, Relly; ed.: Sofia U., 41-48; M.D., 48; spec. in neurosurgery Beilinson Hosp., 49; IDF, 51-53; Dep. Head, Dpt. of Neurosurg., Beilinson Hosp., 56; Natl Hosp. f. Nervous Diseases, Queen Sq., London, 58-59; Yale U. Med. School, USA, 60-61; mbr, Natl C'tee, Medical Section of Histadrut; secr., Israel Neurosurgical Scty & mbr-founder thereof; publ. in Bulgarian, Hebrew, English medical journals of Europe & USA.

45, Shderot Hen, Tel Aviv, tel. 226650.

BARTEL, Avigdor; B. Sc. (Eng.); C.E.M.I.; Mng. Dir. Haifa Refineries, Ltd., 59-62, 66-; p. Mng. Dir., Israel Petrochemical Enterprises, 62-66; born in Kharkow, 7.8.1914; m. Hena Aronson; 1 s., 1 d.; educ.: London U.; with PWD, under Palestinian & Israel Govts, 36-59; Dir. of PWD, 52-59; Dir. "Mekoroth" Ltd., 57-58.

18, Vitkin St., Haifa; P.O.B. 4; Tel. (04) 243048.

BARTH, George Zeev; Journalist; co-editor, "Yediot Chadaschot", daily; b. 30.9.1919, Budapest; att. Coll., Commercial Acad.; m. Aviva Irene Porges; s. Alexander; p. dep. chief, Max Wagner Metal Works, CSR (family ownership), 41-42; in underground, 42-44, dir., owner, a/m enterprise, 1945; Zion. activity, Prague, 45-49; journalistic activity in Vienna, 49-51; to Israel, 1951; p. Gen. Secr. Zion. Revis. Pty, CSR, later Austria; delegate to Zion. Congresses as mbr, World Council, Herut-Hatzohar; p. edit., "Medina Ivrith" (Prague), "Neue Welt" (Vienna); p. chief editor, "Yediot Hayom", Tel Aviv; co-author. translator, German books; coresp. & contributor to numerous German & Austrian periodicals; articles on Jew history; political coments, etc.

17, Moriah St., Ramat Gan; tel 747761.

BARTOV, Hanoch; author; journalist; p. mbr, edit. brd "Lamerhav"; mbr, brd: "Maariv"; Isr. Brdcst Auth.; Isr. Writers' Assn; b. P.T., 13.8.1928; m. Yehudith Shimmer; 1 s.; 1 d.; educ.: Hebrew U., Israel Institute f. Applied Social Research, 49-51; mbr Kibbutz Ein Hachoresh, 1951-55; author of "Hacheshbon Ve-Hanefesh"; "Shesh Knafaim La-Echad", "Hashuk Hakatan", "Lev Hachamim", "Masaot" etc.; recip.: Ussishkin Prize, Shlonsky Prize, Walenrod Prize by Writers' Assn.

91, Hauniversita St., Ramat-Aviv, T.A.

BARTURA, Avraham Eliezer; journalist; translator; editor; b. 12.9.1907, Jerusalem; married; s., Jacob, geologist; educ.: Teachers' Coll., Wurzburg, Econ. Coll., Nurnberg; p. dir. pedag. Youth Village Neve Hadassah; p. dir. of Jew Agcy dpt. f. Culture & Education in Germany; repres. of Youth Alliah in So. Africa; p. Linguistic Advisor & Dir. of Inf. Dpt. "Kol Israel"; publ.: "Children of the Town", "German Diary", "Journey in Sweden & Lapland", "A School Near the Border", "Peace From the Mountains"; The Three from Makhlul (Hebrew); "Jerusalem in the Eyes of its Beholders — a History of Batey Machse"; High Skies, Diary, 1910-1930; Jerusalem & Germany.

7, Kiryat Moshe St., Jerusalem; tel. 524663.

BARUCH, Beno; Publicist; B.A. (Law, Yassy U.); p. Zionist activity in Yassi; p. editor of "Tribuna Evreească", Zionist weekly; b. 23.12.12 in Rumania; edit. staff of "Renașterea" in Israel, 49-55; on edit. staff of "Adeverul", Tel Aviv; chmn, Vapniarca Disabled Refugees' Assn; edit., frgn politics desk, Kol Israel (Rum. language).

13 Bnei Haneviim St., Ramat-Gan, P.O.B. 28175; tel. 744718.

BARUCHIN, Baruch; Tat-Aluf (Res.); C/O Artillery Corps, 67-71; b. 27.11.1921, Poland; to Israel, 1943 (coming from Polish exile army); married; 2 s.; 1 d.; p. mbr,

Kibbutz Hanita; joined Haganah, 47; assigned various command. posts w. Kiryati brigade; 1st C/O of 1st Armored Artill. Reg., 57; command. battles West. Bank & Golan Heights in 6 Day War, 67; resigned from IDF, 71.
1 Shimoni St., Nevev Oz, Petach-Tikvah; tel. 911416.

BARWELL, Beatrice Jeannette; Head, Engl. Dpt., State Secondary School; Hon. Secr., Zion. Fed. of Gr. Britain & N. Ireland; b. London, 9.5.1914; educ.: John Howard Grammar Sch. (25-32), Graystoke Place Train. Coll. (32-34); Chairm., Brd. of Deps Educ. & Youth Comm.; Vice-Chairm., JNF Educ. Dpt.; Found. Pres. (45-65) & Hon. Life Pres. (65-), Natl Un. of Heb. Tchrs, Gr. Br. & edit. of its quarterly "Hamoreh"; Chmn, Zion. Fed., Day Schs Comm. & Org. and Inform. Comm.; exec. mbr, Inst. for training of tchrs, Jews' Coll., London; repr. of Wembley Synagogue at the Brd. of Jew. Deps, Br. Jews (1952-).
22, Beechcroft Gardens, Wembley, Middlesex, England.

BAR-YAACOV, Nissim; Assoc. Prof.; acting head, dpt. of Intl Relats, HU Jer.; b. 21.4.1926, Sofia; to Israel, 1949; ed.: law, U. of Sofia, 44-46; soc. sci.: U. of Denver, Colorado, 48-49; HU Jer., 49-53; intl law: U. of Cambridge (53-54) — Dipl., 55; HU Jer. (55-60) — Ph.D., 61; m.: Claire Aura Stonehill; s.: Michael; 2 d.: Naomi, Dina; p. mbr, edit. brd "Zionist Platform", Sofia; secr., Intl Law Assn, Isr. branch, 55-68; publ.: Dual Nationality, London 61; The Israel-Syrian Armistice Problems of Implementation 1949-1966, Jer. 67; The Handling of International Disputes by Means of Inquiry, London; recip.: Arlosoroff Prize, 53.
1 Rashba St., Jerusalem; tel. 34300.

BAR-YOSEF, Yehoshua; writer, novelist; journalist; b. in Safad, 1912; m. Aviva Manheim; 2 s.; 1 d.; on edit. staff "Davar", 41-49; columnist "Maariv", 51—56; columnist "Yediot Ahhronot", 61-; recipient, Ussishkin Prize, 1952; Ramat Gan Prize, 1959; Safad Prize, 1961; Milo Prize, 1972; publ. i.a.: "Kol Hayetzarim", 37; "Yerach Yamim", 38; "Homa Shenafla", 40; "Behatunat Ha-ben", 41; "Be-Simtaot Yerushalaim", 43; "Yeled Barehov", 45; "Migufa shel Eym", 45; "Misipurei Meah Shearim", 46; "Habayt Hehadash", & other stories; a novel: "Ir Kessuma" (trilogy) 49-51; etc. etc.
Painters' Quarter, Safad; tel. 30691.

BAR-ZEEV (Wolfinsohn), Micha; med. entomologist; Ph.D., M.Sc., Ingénieur Agronome; snr. research off., 52-; b. Israel, 23.2.1915; ed.: H. Gym., Jer.; Nancy U., France; California U., Berkeley, USA; H.U., Jer.; m.: Pnina Gomberg, 1951; 2 d.: Iris, Nurit; Major, med. entomologist, Army Medical Corp, 49-52; mbr.: Isr. Entomological Scty, B'nai B'rith; 35 sci. papers on the physiology & ecology of insects of medical importance, especially mosquitos; 2 grants, U.S. Dpt. of Agriculture: for research on insect repellents (67-72) & on insect attractants (71-74).
57 Derech Yavneh, Rehovot; tel. 951498.

BAR-ZEEV, Yaakov; Chief Magistrate, Galilee District, 1954-; b. Poland, 28.5.13; m. Lily Bendas; Ch.: Irit, Shimon, Avital; educ.: Cracow U.; Law School, Jerusalem; to Israel, 1935; member, Palestine Police Force; p. Chief Interpreter, Supreme Court; attorney, 48-51; magistrate, 52; Chief Magist., North. Distr., 54-; Govnr Rotary Intl Distr. 199, Isr., 73-74; p. pres., Rotary Club, Tiberias.
Schechunat Remez, Tveria; tel. 20307.

BARZILAI, Dov; Mag. Jur.; adv.; Mayor of Hadera; b. Hadera, Feb. 5, 1930; m. Henna Inhaber; 2 d.; educ.: Law School, Hebrew U.; officer, Gadna, Hadera; took part in War of Liberation, wounded; surveyor, then advocate, Hadera, 1956.
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BARZILAI, Yoram; econ.; Dir., Inst. f. Econ. & Soc. Research, Histadruth, 66-; b. Israel, 29.8.1928; ed.: H.U., Jer.; m. Hanna Glimer, 1961; 3 ch.; p. Econ. Adviser, Min. of Housing, T.A.; Hist. repres. in public commissions, Inst. f. Research of Output & Income, C'tee f. the Taxation Reform; mbr, Econ. Commission of the "Alignment"; in charge of research & sci. publications of the Histadruth.
3, Hanegba St., Givatayim; Tel. 255845.

BARZILAY, Michael; B.C.Sc., Dip. P.R. (T.A.); b. 1916, Transylvania; Dir. & Exec. V. Chmn, Isr. Affairs, Joint Pal. Appeal of Gr. Britain & Ireland; Consular Rep. Israel Gov., Germany (British Zone, 48-49); Sec., Mercaz Hechalutz (Paris 49-52); Hanoar Hatzioni (Europe, 52); Hon. Treasurer, World Confed. General Zion (Europe, 50-52); Founder, Chmn. Publ. Relations Assn., Israel (56-62); Israel Rep. on the Council of the Intl. Publ. Relations Assn. (60-69); mission on behalf K.H. & Jewish Agency to Europe, Britain, North America, South Am. & South Afr. (48-69); Overseas Director (Projects) & Publ. Relations, K.H. (United Israel Appeal) Head Office, Jerus. (52-68); Board of Dirs. Gvernment Tourist Corporation (54-66); Council Member, World Maccabi Union, 47-69; mbr, World Exec. I.P.R.A., 70-.
22, Aharon David Street, Tel Aviv; Joint Palestine Appeal, Rex House, 4/12 Regent Street, London, S.W.1.

BASEWITZ, Abraham; Dir., Telephone Services, Tel-Aviv, Ministry of Posts; b. Motel (Poland), Nov. 11, 16; educ.: Vocational School, Warsaw; m. Ester Garber; to Israel, 35; on staff of the Telephone Services, Palestine Administration, — 48.
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BASOK, Chaim Menachem; Mag. Jur.; adv. in priv. practice; legal advisor to Natl Religious Pty & mbr Central C'tee thereof; b. Vilna, 1923; m. Nehama Bendov; ch.: Tova,

Yehezkiel, Deuel, Yshai, Shlomit; studied law & econ. at Hebrew U.; was active in illegal immigration; p. IDF, Comp. Comm. (Major); p. training officer; p. legal adviser to Ministry Relig. Aff. & to Chief Rabinate; p. pres., Military Court, Gaza & Sinai, 56; p. Municipal Magistrate Tel Aviv; p. judge, Natl Insurance Court; p. Pres. B.B. Lodge "Haro'e"; pres. Military Court, Old City of Jerusalem, 67; p. pres. Milit. Court, Western Bank, 67; regular contributor, articles on Jewish Law, etc.; elected T.A. Councilman & Dep. Mayor, 1969: Head of Develop. Dpt.; Chmn, Brd of Dirs, Tel Aviv Mortgage Bank, 70-; mbr, Bank of Isr. Advisory Cl.

1, Amsterdam St., Tel Aviv; tel. 249350; office: 15, Mikveh Israel, Tel Aviv; tel. 612194.

BASS, Lippa; B.Sc., Elect. Eng.; Dir. Joint Institute f. Vocational Training (partaining to the Ministry of Labor & ORT); b. 1.7.28, in Teheran; educ.: Technion, Haifa; to Israel, 33; m. Noami Oigmann; Ch.: Erna, Ronen; p. mbr. Palmach & Haganah, 45-47; wounded, Jerusalem battlefront (48); with the Israel Electr. Corp. (53-56); with the Air Force (57-59); Gen. Secry., Engineers Org. (60-62); Mng. & Eng., "Tius" Ezorei Pituah (63-66).

2, Fichman St. Ramat Aviv, Tel Aviv; Tel. 415850.

BASS, Shimon; Advertising Agt.; Dir. & partner, Bing-Linial Advertis. Ltd.; b. 1916, Giessen, Germany; to Israel, 1934; ed.: Sch. f. Commerce & Econ.; m.: Rose Wolfsthal; d. Yael; mbr, Exec. C'tee, Isr. Advertising Assn.

9 Prof. Shapira St., Tel-Aviv; tel. 224760.

BASSIN, Baruch; C.E.; Dir. Gen., Public Works Dpt., Ministry of Labor; b. Russia, Nov. 8, 1906; m. Shoshana Friedman, 1 d.; educ.: Technion Haifa; to Israel, 1927; Dir., Technical Dpt., Asst. Gen. Manager, Amidar, 1953-59.

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BATHSHAW, Harry; justice, Supr. Court of Quebec, Canada, 50-; Hon. V.P., ZO of Canada; co-chmn, Amitiés Culturelles Canada Français—Israel (Medal of Merit of the French Govt., 62); b. 1902; educ.: publ. & high sch. of Montreal; grad. law fcty McGill U., 24; aw. Montreal Bar Prize f. Commerc. Law; post-grad. U. of Grenoble & Sorbonne, France; m.: Dr. Anne Tarshis; ch.: Zipporah, Lewish David; practiced law in Montreal; named King's Counsel, 40; repres. ZOC at Zion. Congs., 46, 51; mbr, Court of Honor of WZO; visited Israel on many occasions, 32-; Pres. & fndr Canad. Friends of Alliance Israélite Universelle; secr., Baron de Hirsch Inst.; activ in U.N. Assn., Canad. Inst. of Int'l Affairs; co-chmn, Canad. Cl. of Christians & Jews (Human Relat. Award, 57); co-Pres. Conslt. Cl. of Jew. Orgs.; chmn, Human Rights C'tee, Intl Law Assn, 64-; repres. Canad Govt, U.N. Conf. of Human Rights, Teheran, 68; chmn & co-fndr. Canad. Human Rights Fndn; mbr, Human Rights Pannel, Am. Scty of Intl Law, 71.

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BENAIM, Moses Elias; bus. exec., dir of companies; Hon. Consul of Israel in Gibraltar; Chmn: K.H. Gibraltar C'tee, Friends of Israel C'tee; Pres., "Etz Hayim" Syn.; Trustee: Heb. Poor Fund, "Judah Bendiel" Charitable Fund; b. 6.8.1919, Gibraltar (s. of the late David Benaim, O.B.E., p. Hon. Consul of Israel & grandson of the late Chief Rabbi of Gibraltar, Raphael Haim Moses Benaim); m. 2nd, Esther Garson (1st, Bonina Melul, dec.); 6 ch.: Esther-Ruth, David, Sarah, Solomon-Benjamin, Shalom, Raphael-Michael; mbr, Talmud Torah C'tee, 40-45; mbr, mng. brd, Jew Community, 40-56; helped in dealing w. Jewish emigrants from Morocco to Isr. — via Gibraltar (in close collab. w. the J.A.), 56-; co-founder, Gibraltar Scty f. Musical Culture.
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BEN-AMI, Oved; Mayor of Nathania (several re-elections, latest 69); Chmn, Modiin Publishing House; b. Petach Tikva, 20.7.1905; m. Yaffa Lerner (dec., 67); Ilana Rosenfeld, 72; 3 d.: Hanna, Nitza, Leora; p. General Secretary & Chmn, Israel Youth Organization Bnei-Benjamin; co-founder of "Doar Hayom" (first Jerusalem Daily); founder of Nathanya, co-founder of Herzlia, Kfar Aharon & Even-Yehuda; initiator and co-founder of the port city of Ashdod; co-founder of Maariv (Daily); dir. of companies & initiator of industrial projects; founder of Israel Diamond & Cutting Industry & 1st pres. of the Diamond Manufacturers Assn.; p. mbr of Assefath Hanivharim II; p. deleg. to Zion. Congresses & Jewish Ag; on mission (UJA and BOND) to USA and S. Am; Chrmn of KBA Townbuilders Group Ltd.; Chrmn, Brd of Dirs, Kupat-Am Bank Ltd.; Mbr Brd of Govrns, Weizman I. of Sc.; Hebrew U. & Tel-Aviv U; co-founder of the Movement for "Eretz Israel Hashlemah"; Pres. Council for the Beautification of Israel, founded by the Knesset Interior Affairs C'tee; publ., articles in local press.
9 Chen Blvd., Nathanya; tel. (053)22225.

BEN-AMI (Falk), Reuven; Mng. of Migdal-Binyan Insurance Co. Ltd.; b. Kimberly, South Africa, 23.2.1925; m. Rica Cohen; 3 s.; Assist officer, in charge of Medical Statistics, I.D.F.; p. Asst. Man. Dir. Afridar Ltd.; Chmn, Ashkelon Beach Development Corp.; Dir., Ashkelon Hotels Corp. Ltd.
17 Smuts Blvd., Tel-Aviv, Tel. 442171.

BEN-AMITAI, Israel; Dir. Gen., U. of the Negev, Beer-Sheva; b. Petach-Tikva, 1922; m.: Yehudith Mozer; 4 s.: Ehud, Dan, Boaz, Assaf; ed.: Hebrew U. (econ. & pol. sci.); active in I.Z.L., 42; imprisoned in

Latrun, Acco, Eritrea, Aden, Kenya, 44-48; served in Zahal since 48; commander artillery corps, 61-67; after educ. leave, released from army, 69.
38 Rotem St., Omer, Beer-Sheva; tel. 72412; U. of the Negev, Beer-Sheva.

BEN-AMITTAY (Golub), Jacob; M.J., adv; journalist ;author; b. Luck (Ukraine), 4.9.1900; m. Regina Chomska; 2 d.; ed.: Kiev, Vienna & Berlin U.; to Isr. 1913; detained by British in Latrun VIP camp as IZL, leader; co-founder, Revis. Pty; Chmn. Board of Directors, & member of the Acad. Council Univ. of Econ. & Social Sciences, Tel Aviv; member, Advisory Council, World Jewish Congress; Author of "Political Science" (2 vol.) & of "The History of Political Ideas"; "Sefer Hamshalim"; translated books by Bertrand Russel, etc.
7 Modigliani St., Tel Aviv.

BEN-AMOTZ, Yehiam; B.S.; M.S.; Ph.D.; entomologist, toxicologist; Mng. Dir., Pazchem Ltd.; p. Gen Mng. Shell Chemicals Distrib. Co. (M.E.); b. Jaffa, Sept. 16, 1907; m. Lucy Datzkovsky; 2 s.; 1 d.; ed.: Rutgers U., N.J.; California U.; Research work in toxicology at Rutgers U. & UCLA; joined Shell Co. as technical expert in agricultural chemicals for the Mediterranean Area, 1937; various publications on toxicological research.
9 Micha St., Ramat Chen, R. Gan; tel. 741813.

BENARI, Jehuda; LL.D.; Pres. Jabotinsky Inst. in Isr.; mbr Wrld Ex. Herut-Hatzoar; mbr. A. C., World Zionist Organ; mbr, Edit. Board, Ha-Umma" & Edit. Board, "Gesher"; b. Ust Sysolsk (Russia) 1908; m. Sophia Jochelman; 1 s.; 2 d.; educ.: Paris U; Founder, "Hechaver", Poland· mbr, Central C'tee, Revisionists, France; chmn, World Union, Revis. Students; Scrty Gen. New Zionist Organ; chmn, Union of Zion. Revis., Great-Britain; to Israel, 1951; contributor, Encyclopedia of Zionism and Israel (N.Y.); Jewish Herald, (S.A.); editor, "Ha-Yarden", (Israel); p. contributed to "Rassviet", "Unser Weg", 'Unser Welt" and other publications.
23 Habanim St., Ramat-Gan; tel. 782514.

BEN-ARI, Joshua (Silberclang); Asst. Comm. of Police; adv; Legal Adviser, Ministry of Police, and to Police H.Q.; b. Lublin, Feb. 11, 1914; m. Ayala Tiomkin; 2 s.; educ.: talmudic and law; to Palestine, 1935; joined Palestine Police Force, 1937; Lawyer, 1957.
3/b Hamitleh Passage, Ramoth Eshkol, Jerusalem; tel. 85657.

BEN-ARI, Mordechai; M.A.; President, EL AL Israel Airlines Ltd., 67-; born in Dicio San Martin; (Transylvania), 10.9.1920; to Israel, 1940; educ.: Hebr. U.; m. Bilhah Zuckerman; ch.: Nitza, Yehuda, Idan; Mbr. Kibbutz Maagan; Commanding Off. Haganah in Jerusalem and Upper Galilee, 48; Active, Aliyah B' in Austria & E. Europe; Mng., Air Freight Dpt., 50-58; Head, Sales Department, 58-60; introduced the dramatic revolutionary idea of Group Fares, at IATA Convention, Arizona.
7 Shneur Zalman St., Ramat-Gan, Tel. 740258.

BEN-ARI, Uri; Mng. Dir., Earthmoving & Road Constr. Div. — Solel Boneh, 70-; p. Dir. Gen., E. Lewin-Epstein Ltd., Printers & Publishers -70; born in Germany, 1.2.25; to Israel, 39, with "Aliyat Hanoar"; m. Malka Hoff; ch.: Nurit, Giora, Nimrod, Abner, Harel; p. mbr. Aliyat Hanoar, Ein-Gev & Kibb. Maagan Michail; with Palmach, 46; C/O Batal., later Regim., 1948 war; Aluf-Mishne, (53); C/O Tank Div. (56); Chief of Armoured Units (57); p. Dir. Gen. Ramle Motors; on six days war, c/o of Tank Division, which liberated Jerusalem, Yehuda & Shomron.
40, Rehov Harechesh, Afeka, Tel. 410417.

BEN-ARY, Birchiyahu; Dir. Gen., Meeda Scientific Instrumentation Ltd.; b. Dec. 1935, Israel; ed.: U. of South. Calif. — B.Sc., Mech. Eng.; M.Sc., Control Eng. & Bus. Admin.; m.: Ilana Neumark; 2 s.: Dan, Guy; p. Project. Eng., Applied Research Lab., Sunland, Calif.; p. Design Eng., U. of Calif.; mbr: Instrument Scty of Am.; Isr. Mngmnt Center; Standarts Inst. of Isr.; publ.: "New Instrumentation Techniques for the Measurements of Infrasonic and Gravity Waves", 67; "Analytical Review of the Electromechanical Piston and the Modified Moore Variometer used in Infrasound Studies", 68; "New Instrumentation for the Analysis of X-Ray in the 10—200 A".
80 Krinitzi St., Ramat-Gan; tel. 730643.

BEN-ARZI, Efraim; Aluf (Reserve) (Maj. Gen.); eng. I.E.G.; P.M.'s Personal Repres. on negotiations of a dual-purpose Electric Power-Water Disalination with the United States Govt; b. Slonim, Poland, 19.7.1910; m. Dora Gad; educ.: Faculte des Sciences, Grenoble; Lt. Col. British Army, World War II; Q.M.K., I.D.F.; p. Military Attache, Washington; Upon retirement from the Army, appointed Man. Dir, Mekoroth Water Company; 56-67, Pres, & Chmn El Al Airlines Ltd.; Pres., Madera Corporation, U.S.A.; Chmn, Arad Chemical Industries Ltd.; Mbr brd. of Dirs, "Sonol" Israel Ltd.; Chmn, Israel Technion Scty; Mbr. Exec. C'tee, J. F. Kennedy Memorial Fund.
7 Chatam Sofer St., Tel-Aviv; POB. 33027.

BENBASSAT, Jochanan; physician, M.D.; snr. lctr in Med., H.U. & Hadassah Med. Sch. 71-; chief physician, Dpt. Med. A., Hadassa U. Hosp., 71-; b. 27.6.1934, Plovdiv, Bulgaria; to Israel, 1949; ed.: Reali HS, Haifa, grad. 53; H.U. Jer., M.D., 60; m.: Rina Klein; 2 d.: Dorit, Naomi; house res., dpt. Med. A., Hadassah U. Hosp., 62-; lctr in Med., 1st assist., 66-; post-doctoral res., N.I.H. fllw, dpt. Med. A. Einstein Coll., N.Y., 67-69; dpt. hematology, Hadassa U. Hosp., 70-71; mbr: C'tee f. dev. of comty serc. to the aged in Jer., 70-; Isr. Scty f. Hematol., 71-.
19 Bialyk St., Jerusalem, tel. 521332.

BEN-CHAYIM (GETSTEIN), Mordechai; hon. pres., Comm. & Indust. Club, Tel-Aviv; chmn, brd of dirs: L. Frumin & Sons Ltd., Getstein & Co. Ltd., Tirat Bat-Sheva; chmn, brd of trustees, Mordechai & Bat-Sheva Funds (of ed.); mbr, brd of trust. & pres. of bldg c'tee, Bar Ilan U.; b. 15.3.1905, Warsaw; to Israel, 1905; ed.: B.A. (phyl. & Bible), Bar-Ilan U.; active in "Vaad Haleumi" c'tee f. aid to Ukrainian Jews, victims of famine, 20-23; co-found. & mbr of c'tee Bayit Vagan quarter, Jer., 22-28; mbr, brd & bldg c'tee, Halvaa Ve'hisachon, Jer., 28-; mbr in various gvtl c'tees, on behalf Chmbr of Comm., Jer., 37-47; p. mbr, Central Advis. C'tee to Food Controler' Off., Jer.; found.-mbr, Importer's Assn, Tel Aviv, 38-50; mbr of c'tee, Chmbrs of Comm.: Jer., 37-49; T.A.-Jaffo, 49-56; mbr, Exec. C'tee, Manufacturers Assn, T.A., 46-55; p. active, "Kofer Hayisuv" (contrib. to Import); p. mbr, exec. c'tee, Ahduth Ha'Uma; p. active: Th. Herzl Lodge, B'nai B'rith, 55-61; exec. c'tee, Gen. Zionist; Friends of Midrashijat Noam; etc.

Tirat Bat-Sheva Hotel, Jerusalem, P.O.B. 845; tel. 24169.

BEN-CHORIN, Tovia; Rabbi, Congregation "Emet ve-Anava", Ramat Gan; b.: in Jerusalem, 15.9.36; educ.: B.A., Hebrew U., 60; M.A.H.L., Hebrew U. Coll., 64; m.: Adina B. Charry; ch.: Noam Nathan, Golan Meir; w. IDF, Tanks Corp, 55-57, partic, in Sinai Cmpgn; co-founder, 1st Liberal Cngrg in Jerusalem, while student, 58; scholarship to H.U. Coll., serv. with various congregations in USA & Temple Youth Work, 60-65; app. spiritual leader, Emet ve-Anava, Ramat Gan, 65-; lecturer, mainly in Kibbutzim, on Judaism; lctr, Tel-Aviv U., dpt. of musicol. (introduction to "Sidur Hatefila").

64 Shivtei Israel St., Ramat Hasharon; tel. 776182; Synagogue: tel. 734658.

BEN-DAVID, Jochanan; Gen. Secretary, ACUM — Authors, Composers & Music. Publishers Scty; Lt. Col. (Res.); b. 26.9.1924, Sofia, Bulgaria; to Israel, 1948; ed.: German Coll., Finance & Econ. H.S., Sofia; Acad. Staff, IDF; m.: Naomi Phillipsborn; 3 s., p. Command. & Staff serv,, IDF.

1 Frishman Street, Rishon Le'Zion; tel. 941218.

BEN-DAVID, Joseph; M.A., Ph.D.; Prof. of Sociology, Hebrew U.; b. Hungary, 20; educ.: Hebrew U., London School of Econ.; Snr. Scholar to Professor, Hebrew Univ., 51-; Fllw, Center f. Advanced Study in the Behavioral Sciences, Stanford U., 57-58; Visit. Prof., Berkeley U., 64-65; Visit. Prof., Chicago U., 68; Adviser, Natl Council f. Research & Development, P.M.'s office Jerusalem, 65-68; Cnslt Dir f. Scientific Affairs, O.E.C.D., Paris, 66-67, 69; Frgn Hon. Mbr. of the Am. Acad. of Arts & Sci., 71.

8 Berekhyahu St., Jerusalem.

BEN-DAVID, Menashe; Ph.D., pharmacologist, endocrinologist; snr. lecturer (pharm.), Haifa School of Medicine; b. Baghdad, Iraq, 22.11.1936; to Israel, 1950; ed.: H.U. Jer., M.Sc. (61), Ph.D. (65); m.: Haviva Shapira, 1964; 2 s.: Ophir, Dror; various academic nominations, USA: visiting sci., Ntl. Inst of Health, Bethesda, Md.; fcty mbr, Georgetown U. School of Med.; snr. lctr., H.U. Hadassah Med. Sch.; mbr: Intl Scty of Neuroendocrinol.; Scty f. Experiment Biol. & Med., USA; Physiological & Pharmacological Society of Israel; The Endocrine Society of Israel; publ.: "Hypothamic Control of Lactation" (with F. G. Sulman, e.a.), 70; 30 scientific publications on Drugs affecting the Neuro-Endocrine System.

3, Brody St., Jerusalem; Tel. (02) 36196.

BEN-DAVID, Yehuda; (Lt. Col., res.); Dir. Training Centre, Inform. Dpt. P.M.'s Office; b. Youngstown, Ohio, May 11, 1918; m. Simone Werzberg; 2 s.; 1 d.; to Israel, 1920; various commands in I.D.F., 1948-60; Consul General Dakar, 1960; Isr. Ambas. in Mali & Senegal, 1962; p. Dir. Gl. Investment & Develop. in Africa, Ltd.

14 Bat-Yiftah St., Tel-Aviv, Tel. 777989.

BENDER, Karpol; Rabbi; Dir., Burau of Diaspora Affairs, Bar-Ilan U., 69-; b. 11.2.1930, Slonim, Poland; to Israel, 1969; ed.: Cape-Town U., S.A., 48-49; B.A. from Yeshiva University, N.Y., 53; ordained rabbi, 57; m.: Rena Zambrowsky; 2 ch.: Amiel, Merryl; rabbi, Beth Israel Cngrn, Kingston, Canada, 59-69; Hebrew chaplain Fed. Penitentiaries, 59-69; dir., B'nai B'rith Hillel Fndn Queens U., Kingston, Canada; rabbi, Seaview Jewish Centre, Brooklyn, N.Y., 57-59; Vic-Pres. of Rabbinic Council, Canada, 66-69; mbr of exec., Rabbinical Council of America 66-68; p. Natl Pres., Mizrachi Youth of America; p. mbr, Z.O., Canada National Council; Can. correctional Chaplains Assn., Canada Inst. of Intl Affairs; B'nai B'rith; National Religious Welfare C'tee; Joint Community Relations C'tee, Canadian Jewish Congregation.

14 Keren Hayesod, Ramat Ilan, Israel. Office: Bar-Ilan University, Ramat Gan.

BENDOR, Shmuel; B.A.; Dir, Isr. Acad. of Sci. & Human., 72-; b. Belfast (Ireland), June 21, 1909; m. Yehudith Ezrath; educ.: Liverpool U.; to Israel, 1932; w. IDF (maj.). Ministry, Educ. & Culture, 49-50; M.F.A., 1950-; counsellor, Israel Embassy, Paris, 54; Minister to Prague, 57; Minister to RSR, 59; Dir. West Europe Dpt. 61; Dep. Dir. Gen., P.M.'s. Off., 63; Secr., Council f. Higher Educ., Min. of Ed. & Cult. (assist. to the Min. f. High Ed. & Sci.), 69-72; Dir., Frgn Relat., AEC Isr., 66-69.

58 Harlap St., Jerusalem; tel. 68818.

BEN DROR, Dov; M.A. (econ.); Gen. Mng., Eilath-Ashkelon Pipe Line Ltd., 68-; Mng., Trans-Asiatic Oil Ltd., 68-; b. 21.2.1928; to Israel, 1933; m.; 4 s.; p. advisor, Budgets Dpt., 52-56; in charge with the Budgets Dpt., 56-58; econ counsellor to Israel Embassy in France, 58-60;

Isr. Minister f. econ. affairs to West Africa, 60-61; Accountant General of the Govt., 61-68; p. Dir., Govt Corporations Auth.
49 Hagderoth St., Savyon; tel. 750469.

BEN EZER, Ehud; writer, playwright; b. Petach Tikva, 2.4.36; B.A., Hebrew U. (Philosophy, Kabbala); p. mbr. Kibbutz En Gedy; p. instructor & teacher in Dimona, Meoz Zion, etc.; publ.: 3 novels ("Hamahtzeva" - The Quarry; "Anshei S'dom" - The People of Sodom; "Lo laghiborim Hamilchama" — Nor the Battle to the Strong); a children book, "Laila Beghinat Hayerakot Hanirdamim" - A Night in the Sleeping Vegetable Garden; a book of dialogs, "Unease in Zion"; a weekly column at "Ha'aretz" daily, "Sifrey Dorot Kodmim" - Books of an old age; radioplays, essays on the young Hebrew literature; articles & short stories; mbr, Hebrew Writers' U.; lectures on Hebrew literature in Kibbutzim, etc.
8 Prof. Shor St., Tel-Aviv; P.O.B. 22135; tel. 452679.

BEN-GURION, Amos; Gen. Mng., "ATA" Textile Corp. Ltd., & of its subsidiaries; P. Commander, Tel-Aviv District, Israel Police Force; b. London, Aug. 23, 1920; m.: Marry Callow; 2 d., 1 s.; educ.: Kadoorie Agric. Scool; Major, British Army, World War II; Liaison officer Haganah & infantry regiment, War of Liberation; on missions to U.S.A., U.K., on behalf of Police H.Q., 49-50.
Haifa, P.O.B. 83, tel. 721321.

BEN-GURION, David; Israel's foremost political leader; 1st P.M. & Min. of Defence; H. publicist; b. Plonsk, 16.10.1886; m. Paula Munwess (dec.); 1 s.; 2 d.; educ.: relig. school; Istanbul U. (Fcty of Law); in Zion. labor movement from early youth; to Israel, 1906; exiled as Zion. by Turkish Adm., 1915; went to U.S.A.; helped to organize Jewish Legion, served in its ranks under Gen. Allenby; co-organizer, Jewish Labor Party (Mapai) & Gen. Fed. of Jewish Labor (Histadrut); secret. thereof, 21-35; Chmn, Jewish Agency f. Palestine, 35-48; following U.N. Partition resolution, 47, elected Chmn, Natl Council (in charge of security & defence); proclaimed independence of State of Israel, May 14, 1948; Prime Min. & Min. of Defence, 49-53 & 55-63; Dr. h.c. of Hebr. Letters, Jew Theological Smnry of Amer.; Bialik Lit. Prize f. Judaica, 52; Dr. h.c. Hebrew U. 1957; Brandeis U., 60; Rangoon U., 61; Dr. h.c. (Architecture) Technion, Haifa; author of: "Self-Govt of Villages", 1914; "The Labor Movement & Revisionism", 33; "From Class to Nation", 33; "The Struggle" (5 Vols), 47-50; "Israel at War", 50; "Vision & Implementation", (5 vols), 51-57; "Rebirth & Destiny of Israel", 54 (N.Y. Phil. Libr.); Hebr. translation f. Sombart's "Studies on Socialism in the 19th Century"; "The Sinai Campaign" (Hebr.), 59; "Israel: Years of Challenge" (in English), 63; "Ben-Gurion Looks Back", "Dvarim Kehavayatam" "Michtavim Le'-Paula", 69; "The Restored State of Israel", 69; "Iyunim Batanach", 69; "Zichronot" (3 vols.); Ben-Gurion Looks at the Bible, N.Y.; Israel: A Personal History, 71; Igrot David Ben-Gurion, 71; Yehud Veye'hud, 71; resigned from the Knesset, 70; essays & articles, Israel Prize, 68; **passed away 1.12.1973 (6 Kislev 5734) & was buried at Kibbutz Sdeh-Boker.**

BEN-GURION LESHEM, Renana; biologist; Prof. (molec. biology), Tel-Aviv U., 69-; b. Jerusalem, 29.3.1925; ed.: H.U. Jer. — M.Sc., 50; Ph.D., 56; m. 1956; s. Uri Leshem; p. snr res. sci., Isr. Inst. f. Biological Research; publ. various papers in: J. of Molecular Biology; J. of Bacteriology; "Nature", Genetic Research; J. of Gen. Microbiology; Annales de l'Institut Pasteur; Biochemical & Biophysical Research Communications.
18, Dubnov St., Tel-Aviv; Tel. 261924.

BEN-HAIM, Paul Shaul; composer; Hon. Chmn. Israel Composers' Assn; b. Munich, July 5, 1897; m. Helena Acham; s. Yoram; ed.: Royal Academy of Music, & U. of Munich; to Israel 33; occasionally, guest conductor of IPO. & the orchestra of the Israel Broadcasting services, performing his own works; twice awrd Engel Prize, by Tel Aviv Municipality, 45&53 for his 2 Symphonies; Israel Prize, 1957, for his "Sweet Psalmist of Israel"; "Cross of Merit" by the German Federal Rep., 1968.
11 Aharonowitz St., Tel-Aviv.

BEN-HAIM, Shaul; Dep. Dir., Intl. Coop. Div., M.F.A., 72-; b. 5 August 1923, Berlin, Germany; ed.: Herzliya Coll., Tel Aviv; to Israel, 1933; m. Ruth Wardi, 1 d.: Tamar; with Min. of Defence, 48-49; Min. of Supply & Rationing, 49-50; Foreign Service, 50; Second Secretary, Stockholm, 50-53; Consul, Chicago, 56-58; 1st Secretary, Accra, 58-60; Counsellor, London, 63-65; Consul Gen. in Australia & New-Zealand, 65-68; Ambass. to Malawi & Lesotho, 68-72.
M.F.A., Jerusalem.

BEN HAYIM, Zeev; Prof. of Hebrew Philology, Hebrew U.; b. Austria, 1907; educ.: Breslau U.; ordained rabbi, Breslau, 1932; Pres., Hebrew Language Academy, 73; Israel Prize, 64; mbr, Isr. Acad. of Sci. & Human.
117, Shderot Herzl, Jerusalem.

BEN-HORIN, Eliashiv; LL.B.; Ambas. to Germany (Fed. Rep.), 70-; b. Sept. 4, 1921; m. Nehama Kurzweil; 2 s.; ed.: Hebr. & London Uies; adv. to Permanent Delegation U.N., 51; 1st Secr., Israel Embassy, Washington (52-54); Israel Legation, Ankara, 54-55; Dep. Dir. Asian-African Division, MFA, 55-57; Dir. Asian-African Div. 57-60; Ambassador to Burma, Nepal & Ceylon, 60-63; to Venezuela, Jamaica & Trinidad, 63-67; Dir. Latin Am. Div. 67-68; Asst. Dir. Gen., MFA, 68-69.
Ministry for Foreign Affairs, Jerusalem.

BEN-HUR, Nahum; M.D.; plastic & reconstructive surg.; assoc. prof., H.U. Hadassa Med. Sch., Jer.; head, dpt. plast. maxillofacial surg., Shaare Zedek Hosp., Jer.; F.A.C.S., F.I.C.S.; b. Tel-Aviv, 24.

11.1928; ed.: H.U. Hadassa Med. Sch., spec. in plastic & maxillofacial surg. & gen. surg.; m. Miriam Peyser; ch.: Ehud, Tamir; on mission to Malawi, 63; fllw, N.I.H., NYU Med. Center; British Cl. Awrd, Queen Victoria Hosp., England, 66; cnslt to Cyprus Govt. in plastic surg., 68; Isr. repres. to Educ. Fndn, Am. Scty Plastic & Reconst. Surg.; Pres., Isr. Assn Plast. Reconst. Surg.; mbr: Brit. Assn Plast. Surg; Royal Scty of Med.; Intl Coll. Surgeons; Intl Scty of Burn Injuries; Am. Coll. of Surgeons; Am. Scty of Plast. Reconst. Surg.; Am. Assn of Military Plastic Surg.; Am. Assn, Cleft Palate; Intl Scty of Aesthetic Plastic Surg.; Italian Scty of Plastic & Reconst. Surg.; Isr. Hand Club; Secr. Gen. of the Asian Pacific Sctn of Intl Confed. f. Plastic & Reconst. Surg.; Research Council, Am. Scty Plast. Reconst. Surg.; Transplantation Scty; edit. c'tee, Assian Pacific Federation of Plastic Surgeons Newsletter; board of reviewers, International Abstract Plastic Reconst. Surg. J.; recip.: Pochovsky Prize, 65; Prize Educ. Fndn, Am. Scty Plast. Reconst. Surg., 68.

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BEN-ISHAY, Drori; M.D.: snr lctr in med., H.U. Hadassa Med. Sch.; chief phys., dpt. of med., Hadassa Hosp., Jer., 68-; b. Bucharest; to Israel, 1943; ed.: Med. Sch., U. of Strasbourg-France & H.U. Hadassa Med. Sch., Jer.; post-doctoral N.I.H. Fllw & visiting assoc. sci., Med. Center, Brookhaven, Upton, N.Y. USA; m.: Dr. Zina Smilovici; 2 d.; mbr: Intl Scty of Nephrology, Isr. Scty of Nephrology, Isr. Scty of Physiol. & Pharm.; publ. in the field of nephrology & experimental med.

74, Tchernichovsky St., Jerusalem; Tel. 37118.

BEN-ISHAY, Zina; M.D.; head, Unit of Electronmicroscopy, H.U. Hadassa Med. Sch., 68-; snr lctr, dept. of anatomy, 70-; b. Bucharest; to Israel, 1950; ed.: Bucharest U. & Hadassa Med. Sch., Jer.; m. Dr. Drori Ben-Ishay; 2 d.; post-doct. training, dpt. of pathology, Coll. of Physicians & Surg., Columbia U., N.Y., 64-66; mbr: Isr. Scty of Electronmicroscopy, Intl Scty of Electronmicroscopy; sci. publ. in the field of kidney path., hearth path., bonemarrow studies.

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BENISO, Abraham; co. dir., 66-; Hon. Secr., Appeals C'tee & Canvasser; Hon. Treas., Hebra Gemilut Hassadim, Gibraltar; Hon. Hazan; born in Gibraltar, 21.1. 1923; ed.: Talmud Torah — Heb. School, Gibraltar; Jewish Coll., London; Guildhall School of Music, London; m. Rachel Cohen, 1948; s. Isaac; d. Plata Sylvia; p. Hazan of The Spanish & Portuguese Synagogue, Bevis Marks & Lauderdale Road, London; p. accountant, J.A. f. Isr. in Gibraltar; Secr., Mng. Brd, Jew Community, Gibraltar.

42, Alameda House, Gibraltar.

BEN-JAACOV, Jaacov; Ph.D. floriculture, agric.; Head, Dpt. of Floriculture, Vulcani Inst., 70-; b. Israel, 19.8.1937; ed.: U.C. Davis, California, B.S., 65; Cornell U., Ithaca, N.Y. (M.S., 67; Ph.D., 70); m. Chaya; ch.: Eyal, Josef, Tali; mbr.: Am. Scty & Intl. Scty for Hortic. Sci.; Ph.D. Thesis: The Propagation of Chrysantemum Moripolium by the Use of Tissue Culture Technique.

22/B/6, Ramat Ben-Zvi, Ness Ziona.

BEN-JACOB, Akiam; Agric.; Dir. Vegetables Marketing Board, Israel; b. in Tel Aviv; m.: Talila Schechtman; ch.: Adi, Meiri, Shyri; agricultural spec. training in California, U.S.A.; owner, agric. farm in Beer Tuvia, var. assingnments in the Moshav; p. Secr. of the a/m Marketing Brd ("Moetzet Shiwuk Yeraqot").

Beer Touvia; tel. 055-96407.

BENJAMIN, Donald H.; Maplewood Natl Chmn, United Jewish Appeal Young leadership Cabinet; Vice Chmn, Special Gifts C'tee of the UJA, Essex County; trustee of the Jewish Community Council, Jew Counselling and Serv. Agcy., United Cerebral Palsy Drive of North Jersey; Natl. Council Member of the Joint Distribution Committee; recipient of the Julius Cohn Young Leadership Award; Mr. Benjamin is Director of Sales for the Raleigh Lithograph Corporation of New York, a member of the Board of Governors of the Mountain Ridge Country Club.

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BEN-NATHAN, Asher; Israel Ambass. to France, 1970-; Israel Amb. to Germany (Fed. Rep.), 65-69; officer, French Legion of Honour; b. Vienna, 15.2.1921; m.; 1 s.; 1 d.; ed.: Geneva U.; secretary, treasurer, kibbutz Dovrat, 38-44; mission to Europe, to organize illegal immigration & investigate war crimes, 44-47; assignments at M.F.A., 48-51; repr. of Min. of Defence in Europe, 57-59; p. Dir. Gen., Ministry of Defence — 65.
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8-2 Rua Tanente Raul Cascais, Lisboa, Portugal.

BEN PORAT, Mordechai; M.K. (Labour); B.A.; Chmn, Local Council, Or-Yehuda, 55-69; b. Baghdad, Iraq, 1923; m. Rivka (Vanievsky) Gafni; 3 d.; Idit, Tamar, Mikhal; ed. T.A. U., B. P.Sc.; mbr Hagana & Hehalutz in Iraq; to Israel: 1945; Off. IDF, War of Liberation, sent to Iraq to org. "Ezra & Nechemiah" underground emigration to Israel; caught, tortured, but escaped; mbr, Mapai Secretariat & Rafi.
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1 Ehud St., Beer-Sheva.

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Tzofiyah, Shlomo; 41-44: Scty. Natl officer, No'ar Oved; 44-46: service in "Hagana"; edit. "Bemachanenu"; 46-49: Scty. Youth Dpt., Histadrut; 48: DP camps, Germany, in behalf of Jew. Agcy.; 48-53: Chancellor, Israel Consulate, Munich; 53-56: Consular Dpt., Foreign Ministry; 56-59: Head, Consular Dpt. Israel Mission, Cologne; Israel Repre. Intel Tracing Service; 59-64: Dep. Dir., Dpt. Intl. Coop., Ministry for Foreign Affairs; 64-66: Consul of Israel, Philadelphia; 1966, May: Consul General app. Ambass. to Nigeria, 69-.
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mbr: Natl Ass. of Soc. Workers, Acad. Cert. Soc. Workers, New York State lic. Soc. Worker, Natl Ass. of Jewish Center Workers, (pres. 46-48); Research Inst. Study of Group Work (pres. 58-65); found. Jerusalem (Israel) YM-YWHA — the swimming pool is named f. Graenum and Emma Berger; led Am. Soc. Work Study team to Israel, 59; visited Israel 7 times; mbr, Am. Advisory Committee — Keren Yaldenu; Convenor Am. Representatives f. Ethiopian Falashas; author: "Jewish Community Center — A Fourth Force in American Life", 66.

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BERGER, Ludwig; Ph.D. (Econ.); econ. adviser to Jew. Agcy; educ.: Cracow & Strassbourg U.; Visit Prof. of Econ., U. of Hohenheim, Stuttgart; Assoc. Prof., Dpt of Developing Countries, Tel Aviv U.; p. Chmn of C'tee, Reform of Polish Industrial Structure (36-38); to Israel, 1940; edit. "Israel Yearbook & Economic Review"; Publ.: "Problems of Frgn. Trade" (39), "Industry in the State of Israel" (58), "Everything on Israel Economy" (Massada) (59), "Econ. Liberalism in Israel" (Indep. Yearbook, (62), "The Human Factor in Israel Econ." (65), "Sociological Problems of Absorption" (66), "Studies in Israel Development Thought", 61; "Economic and Social Research — Methods of Forecasting", 70; "Research and Development in Society and Migration", 72-; "The Utilisation of Science Research", 73.

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BERGER, Mordechai; economist (B.S. C.); mng. of the Port of Ashdod, 70-; b. Haifa, 15.5.1936; ed: Junior Technical Coll., Technion, Haifa, 50-54; Grad. H.U. Jer. (econ., political science), 62-63; M.A. (econ., bus. mngt), 64; m.: Hadassa Maman, 1959; 2 s.; p. treas. of Kibbutz; mng., Min. of Developement Office, Eilat & Arava Region; assist. fin. adv., Min. of Dev.; head, fin. dpt. & manager, Port of Eilat.

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BERGER, Shimon; Econ.; Mng. Dir., Sanatorium "Ya'aroth Ha'Carmel"; p. Dpt. Dir., Rassco Corp.; Mng., ind. dpt.; b. 29.10.1911; m. Rachel; s. Moshe; Ed.: Academy f. econ. studies, Vienna.

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BERGMAN (Lyons), Rebecca; nurse, Ed. D.; Assoc. Prof. of Nursing; Head, Department of Nursing, Tel-Aviv University, 68-; b. Canada, 13.7.1919; to Israel, 1936; ed.: registered nurse, 41; reg. midwife, 42; B.Sc., nursing, 51; M.A., 52; Dr. of Education, 63; Dir or Nursing, AJDC-Germany, 45-48; IDF (captain), 48-49; Dir. Nursing, Malben, 52-61; Teacher, H.U.; M. of Public Health, 63-68; cnslt., WHO; mbr., Proff. Services C'tee, Intl. Nurses Assoc.; Chmn., Nursing C'tee, Ntl Health Cl., Israel; active on c'tees & brds of: Isr. Gerontological Scty, Isr. Cancer Scty, Israel Nurses Assoc., Israel Public Health Assoc.; lectures at Intl. Congresses on Nursing; over 50 publications, research in: Nursing Education, Public Health, Attitudes in Nursing.

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BERGMAN, Shmuel Hugo; Ph.D.; Prof. (Emeritus) of Philosophy. Hebrew U.; first Rector of the University; mbr, Israel Acad. of Sciences & Humanities; mbr, Curatorium, Bialik I.; b. Prague, 25, 12, 1883; educ.: Prague and Berlin U.; to Israel, 1920; librarian, Hebrew U., 20-35; Author: "Das Unendliche Zahl"; "Argumente Gegen die Relativitaetstheorie"; "Das Philosophische Werk Bolzanos"; "Pensadores Judios"; "God and Man in Modern Thought"; "Ha-pilosophia shel Kant"; "Mavo le-torat ha-hakara"; "Haphilosophia shel Shlomo Maimon"; do., English ed.; "Mada ve-Emuna"; "Mavo le-torat Hahigayon"; "Hogim u-Maaminim"; "Fe y Razon" (Engl. ed., The Quality of Faith); "Hashamaim Ve'haaretz"; "Anashim U'derachim"; "Toldot Haphilosophia Hachadasha"; transl. Kant into Heb. (w. N. Rotenstreich); etc.

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8. Keren Kayemet St., Jerusalem.

BERGMANN, David Ernst; Ph.D.; chemist; Prof., Org. Chemistry, Hebrew U.; Chmn, Atomic Energy Commission, Israel, & Dir. Defence Research, Ministry of Defence, -1966; b. Karlsruhe, Oct. 18, 1903; m. Anna Itin; educ.: Berlin U.; lecturer, Berlin, 1925-33; to Israel, 1934; scientific dir., Daniel Sieff Institute, Weizmann Institute, Rehovot, 34-52; Author: "Organic Chemistry", 1932 (in collaboration w. his teacher, Prof. Schlenk); "Isomerism and Isomerization", "Avitylene Chemistry"; "Die Chemische Erforschung der Naturfarbstoffe"; articles on chemistry in scientific periodicals; Awarded Israel Defence Prize, 1966 & Israel Prize, 1968.

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47-48; 51 & 58, Visit Prof. Dpt. of Neurology, Columbia U.; mbr. Isr. Acad. of Sciences.
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BERINSON, Zvi; B.A.; Sc. Dip.; Barrister-at-Law; advocate; Supreme Court Justice, 53-; b. Safad, 1907; m. Hana Wolf; 1 d.; 1 s.; educ.: Scots College, Safad; Jesus College, Cambridge; Grays Inn, London; head, Municipal Dpt., legal adviser, General Fed. of Jew. Labour in Palestine, 36-49; dir. gen., Ministry of Labour, 49-53; lectr., Hebr. U., on labour law & social insurance, 52-72; chmn, Jer. Scty f. Rehabilitation of Offenders, & League of Societies for Rehabilitation of Offenders; Israel Society of Criminology; brd mbr, Int. Prisoners Aid Assoc.; Pres. Publ. Council f. Prevention of Noise & Air Polution in Israel; head, Israeli delegation to International Labour Conference, 49-53, 58-59; Chmn., Council f. Israeli Opera.
18 David Marcus St., Talbieh, Jerusalem.

BERINSTEIN, Morris W.; Business & Communal Leader; Natl Chmn of Trustees f. Isr. Bond Org.; b. 30.5.1906, Albany, N.Y.; m.: Elsa Simansky; ch.: Edward, Beth Ann; p. Natl Campaign Chmn of Isr. Bond O.; p. leader of UJA; p. nation wide drive chmn of UJA, 57-60; pres. hon chmn UJA; p. chmn, UJA Natl Campaign Cabinet, also Natl Chmn and President; played prominent part in Jerus. Economic Conference, 53; p. Campaign Chmn of Jew Wlf Fund of Syracuse, N.Y.; head of leading interstate retail furniture chain; Outstanding Citizen Award, Jewish War Veterans, 44.
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BERLATSKY, Emanuel; soc. work; Dir. of Serv. to Metropolitan Commun., Natl Jew. Wlfr Brd; mbr: Labor Zion. Fed.; Jew. Soc. Work Exec. C'tee, UJA, New York; Advis. C'tee, Am. Zion. Youth Fndn; b.: 16.6.1907, Geneva, Switz.; ed.: U. of Minnesota, B.A., 27; grad. Sch. of Soc. Work, Cert. & M.S., 29; m.: Marjorie Roberts, d.: Deborah Ann Golden; s.: Joel Alan; p. Pres., Natl Assn of Jew. Center Workers; p. Chmn: Edit. C'tee of Natl Confer. of Soc. Work Proceeding; Soc. Work Manpower Commission; p. mbr, Exec. C'tee, Natl Confer. of Jew. Soc. Work; Natl Jew. Wlfr Brd: Dir. of Commun. Serv., Dir. of Personnel Serv., Dir. of Program Serv.; Exec. Dir., J. W. Fund, Winnipeg Can.; Assoc. Dir., Jew. Community Center, Clev. Ohio; Act. Exec. Dir., JCC, Detroit.
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BERLIN, Sir Isaiah; Pres., Wolfson Coll., Oxford; Governor, Hebrew U.; V.P., Friends of the H.U., U.K.; mbr, edit. c'tee, Weizmann Archives, etc.; K.B., C.B.E., Hon. Dr. of seven U-ies, J. Th. Smnry N.Y., etc.; b. Riga, 6.6.1909; m.: Aline de Gunzburg, 7.2.56; Hon. Mbr.: Am. Acad. of Arts & Sci., American Academy of Arts & Letters; Chichele prof. of social & political philosophy, Oxford U.; Fllw: All Souls Coll., 32-38, 50-67; New Coll., 38-50; Brit. Acad.; publ.: Karl Marx; Historical Inevitability; Two Concepts of Liberty; The Age of Enlightement; The Hedgehog & The Fox; Moses Hess.
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BERLINER, Selma, née Munter-Lobsenz; lawyer; chmn.: Wills & Bequests; Weizmann Group, Hadassah; b.: 6.12.1898, N.Y. C.; educ.: N.Y. U. Law Sch. Dr. Jur., 23; m.: Ephraim Berliner; s.: David; partner in law firm Schlesinger & Berliner; first woman to be nominated by major polit. party to run f. U.S. Supr. Court; C'tee of Hadassah World Jew. Child's Day; p. Pres.: Educ. Cl. Hadassah, 42; Alumnae Assn., Hunter Coll. N.Y., 51-53; Westside Rep. Club Inc., N.Y.C., 61; mbr. Adv. Cl., N.Y. State Employment & Unemployment Insur.; found., Scholarship Fund, Hunter Coll.; mbr. Brd. Sisterhood Spanish & Portug. Syng., N.Y.; lctr. commerc. law; author: "Hearings under New York State Workman's Compensation Law", "Selection of Judges", etc.
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BERLMAN, Isadore B.; Assoc. Prof. of Physics; b. 1922, St. Louis Mo., USA; to Israel, 1971; m.: Sarah; publ.: Handbook of Fluorescence Spectra of Aromatic Molecules, 65, 71; Energy Transfer Parameters of Aromatic Compounds, 73.
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BERMAN, Aron; impresario; dir., art & entertainment enterpr.; b. Pinsk, 14.1. 1914; to Israel, 1935; ed.: "Tarbut" sch.; Tchetchik sch.; Agric. Sch. of Bethar, Wilno; m. Bilha Katz, 1939; d.: Carmela Gonen, Zipora; p.w. Bethar, Herzliah; w. Palest. Police (12 years) & Isr. Police (1 year); active in Hagana, 36-48; founder, "Ziratron" Publ. Entertainment Co. Ltd., org.; entertainment performances, in Isr. & abroad; mbr: I.T.I. (Unesco); I.V.T. C.D.V.; A.G.I.S.; "Peleron", Intl Artist Agcy f. Variety, Circus & Review.
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BERMAN, Elaine Ruth; Assoc. Prof. of Biochemistry, H.U. Hadassa Med. Sch.; Head, Biochem. Research Lab., Dpt of Ophthalmology, 60-; b. Chicago, Ill. USA, 2.4.1923; to Israel, 1957; ed.: Chicago U.-B.Sc., 43; M.Sc., 51; N.W. Univ. Med. Sch., Chicago, Ph.D., 55; m.: 1944, William T. Levy (dec.); 1950, Rabbi Morton M. Berman; d.: Susanna; s.: Shmuel, David; Fllw in Biochem., Northwestern U., 51-55; Clinical Chem. Lab., Hadassa Hosp., 57-59; Editorial Boards: Ophthalmic Research (Karger, Basle/New York); Connective Tissue Research (Gordon & Breach, London); mbr.: Sigma Xi, USA; Biochem. Scty, England; Isr. Biochem. Scty; Assoc. for Eye Research London; Assoc. for Research in Vision & Ophthalm., USA; publ. on biochemical changes in Tay-Sachs' disease, on the chemistry & metabolism of

the vitreous & cornea, on the biochemistry of retinal detachment & on biochemical & enzymatic studies of retina; recip.: Dr. Erna Staner Award for med. research (H.U. Hadassa Med. Sch.) for chemical investigations on Tay-Sachs' disease (jointly with Prof. Shimeon Gatt), 1965.

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BERMAN, Isaac; Barrister, Attorney, Major; b. 1913, Russia; educ.: Teachers Training Coll., Jerus.; U. Coll. London, & Inner Temple; Isr.: 21; Brit Army, 42-45; p. Mbr Command I.Z.L.; IDF, 48-50; Gnrl. Mng. Willis Overland & Kaizer Assembly Plant, Haifa, 50-54; private law practice, Tel-Aviv, 54-; mbr, Exec. C'tee, Liberal Pty.

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BERMAN, Mandell L.; land developer; Pres., Dreyfus Devel. Corp., Southfield, Mich.; Pres., Jew. Welf. Fed. of Detroit; chmn, Brd. of Gvnrs, Am. Assn f. Jew. Educ.; mbr. Brd. of Trustees, Inst. f. Jew. Life; brd mbr, Cngrn Shaarey Zedek; advis. to isr. PM Office on Food Processing Res. & Devel., 64; b.: 18.11.1917 Detroit, Mich.; educ.: Harvard Coll., B.A., 40; Harvard Bus. Sch., M.B.A., 42; m.: Madeleine H. Brodie; ch.: Ann E., Jonathan S.; mbr brd.: New Detroit Inc.; United Foundation; Cl. of Housing Producers; Detroit Educ. TV Fndn; p. chmn.: Educ. C'tee, Cl. of Jew. Feds. & Welf. Funds; Midrsaha; p. Pres., Builders Assn. of Metropolitan Betroit; visits to Isr.: 51, 58, 60, 64, 66, 68, 71 as advisor & cnslt to Min. of Agric., Trade & Ind., Devel., Food Res.

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BERMAN, Morton Mayer; D.D.; B.A.; M. H.L.; Rabbi; Hon. Dir., Dpt. for English speaking countries, Keren Hayesod; Rabbi Em., KAM Isaiah Israel, Chicago; b. Baltimore, 23.8.1899; m. (1st) Grayce S. Hofheimer (dec.), 1 s.; (2nd) Elaine Ruth Siegel; 2 s.; 1 d.; educ.: Yale, Columbia & Hebr. U.; Hebr. Union College — Jew Instit. of Religion & Instit. f. Judaism, Berlin; chaplain U.S. Navy & Marines, World War II; awarded Bronze Star, Okinawa; p. chmn, Chicago Zionist Council; p. mbr. Exec. W.J.C.; p. Vice Pr. AJC; p. chmn, Natl. Adm. C'tee. AJC; mbr, Advisory Council W.J.C. Israel Branch; mbr. Council, Israel Am. Socty. Jerus.; publ.: "Role of the Rabbi"; "Jews' View of Crucifiction"; "The Bridge to Life: The Saga of Keren Hayesod", 71; p. Edit. Adv., Colliers' Encyc. & p. Asst.-Ed. Encyclopaedia Judaica; contrib. to Periodicals.

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BERMAN, Moshe Eliahu; M. Eng.; C. Eng.; F.I.E.E.; Dir., Eng. Services, Min. of PTT, 64-70; Telecommunications Cnslt. Eng. after retiring (70); b. 7.8.1907, Jer.; ed.: Liverpool U.; m. Zilla Zachs; ch.: Mihael, Leora, Oded; p. G.E.C., Britain (training in telecomm.); p. first Assist. to Palest. Chief Eng.; app. Dir. radio-Eng. Services of Isr. Post, (48), in charge of erecting the 1st intl & internal radio-teleph. and radio-telegr. communication in Isr., as well bdcst transmitters & studios; act. Dir. Gen. of Eng. Serv., 68 & many other occasions; introduced first Hebrew Teleprinter "Language"; colab. to Encyclopaedia Hebraica & Judaica.

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BERMAN, Muriel Mallin Dr.; wife of Mr. Ph. Berman; ch.: Nancy, Nina, Steven; active within the framework of UNICEF, Universities and the world of art and culture in general; Bonds for Israel citation as "Woman of Valor"; educ.: U. of Pittsburg, Carnegie Tech U., PH.D. degree from Penn. State Coll. of Optometry; courses in Music Apprec. & Art History at the U. of Pittsburgh, also in Comp. Relig and History at Cedar Crest Coll & in Philosophy at Muhlenberg Coll.; membership and in the chair on various institutions, civic, cultural, artistic, etc.; art exhibitions from own private collection circulating among colleges & museums in the East; p. delegate to UNICEF Exec. Brd. meetings in Thailand, etc., etc.; on mission with Advice and Consent" of US State Dpt. to Latin Am.; lectures all over the world; NGO deleg. to UNICEF; mbr, Natl Brd, Hadassah; attd. Sem. on Far Eastern Thought in Japan; visited Hong-Kong, Philippines, Ethiopia, East. Europe; deleg. to Dem. Natl Conv., Miami, 72; mbr, Dem. Natl Platform C'tee, 72; Berman Circulating Traveling Art Exhib.; produc. & moderator of "College Speak-In" TV discuss. program, chmn., Educ. TV Channel.

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BERMAN, Nancy M.; curator of art collections & galleries; lctr. on Jew. Ceremonial Art & Archaeol. in Israel; b.: 20.10.1945; educ.: Allentown High Sch.; Wellesley Coll., Mass., grad. as scholar in art hist. & criticism; U. of Penn. courses in Am. lit. & painting; Heb. lang. courses J.Th.S., N.Y.; Hunter Coll., N.Y.; course on "The Art of the Jewish People", N.Y.U.; coordin. between archaeol. & students on site of Beth She'an dig, Israel 71; Asst. Curator Judaica Dept., Jewish Museum, N.Y. 69-72; judge at art competitions.

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Exec. Brd, 65-); World Peace Through Law Center; Natl Brd. mbr., Foreign Affairs C'tee, AJC, 62-; brd mbr, YMCA-YWCA, 62-68; mbr, B'nai B'rith; etc.

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BERNHARD, Ton; artist, painter; b. 21.10.1915, Bucharest; to Israel, 1950; ed.: Acad. des Belles Artes; m. Edith Meisl, scenograph.; exhib.: Tel-Aviv, Bucharest, Paris, Johannesburg, New-York, Frankfurt, Miami, Los-Angeles, Montreal, Montevideo, Buenos Aires, Japan, etc.; Weizmann portrait in Knesseth; paint. "Union of Religions" (owned by Dr. R. Kempner); recip., Plastic Arts Prize, Bucharest, 48.

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BERNSTEIN, Abraham; M.D., obst. & gynecologist; D.H.L., U. of Judaism & J. T.S., N.Y. 66; Pres. JNF, No. Calif., 61-71; mbr, Natl Brd of Dirs: Histadrut, J. N.F., ORT, Un. Synagogue of Am. (p. Pres., No. Calif.); mbr, Brd of Dirs: Jew. Wlfr Fund, San Francisco; S.F. Fed. of Ort; Reg. & Natl Jew. Educ. Scty; mbr, Exec. C'tee, Bonds f. Isr.; Pres., Heb Free Loan Scty of S.F.; President, Sinai Memorial Chapel; b. San Francisco, Calif., 25.10.1902; ed.: U. of Calif., B.A., 23; U. of Calif. Med. Sch., M.D., 27; Post. Grad. work, Chicago Lying — in Hosp. & Disp. 30; Harvard Med. Sch., Hosp. f. Women Dr. Graves, 31; m. Margaret Starcevic, 1944; d. Marcia Bogue; s. Richard; Adjunct Obst., Mt. Zion Hosp., 30-38; Assist. Prof., Clin. Obst. & Gyn., U. of Calif., 30-51; Chief Obst. & Gyn., Franklin Hosp., 38-40; Col. Med. Corps, US Army, 41-46; Chief of Staff, Callison Memorial Hosp., 64-67; fellow of a wide range of prof. & learned societies; p. pres., Cngrn Beth Sholom; Commissioner S.F. City Health Serv. System, 62-; Pres., City Health Serv., 66-69; recip. awards & citations by various Jew., zionist & communal orgs. f. outstanding serv. to community, in the cause of humanity & other meritorious serv.

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BERNSTEIN, Irving; Exec. Vice-Chairman, United Jewish Appeal; prior to assuming his present post in 1969 he served as Assistant Exec. Vice-Chairman for eight years; Chairman of the Greater New York UJA's Social Service division campaign, 69, 70; ed.: Master's Degree from Columbia University; mbr, Board of Directors of the New York City UJA (also, mbr, of Exec. Committee of Careers in Social Service since its founding); member of the Board of Advisors of the Hornstein Program at Brandeis University, a joint program of the grad. Schools of Advanced Studies in Soc. Welfare and Contemporary Jewish Studies.

New York, USA.

BERNSTEIN, Leonard; world renowned, celebrated musician; conductor, composer, pianist, Writer, educator; b. Lawrence, Mass. 15.8.1918; educ.: Boston Latin School, (35), Harvard U. (39), Curtis Instit. w. Fritz Reiner; w. Koussewitzky at Tangle-wood (40-41); Assist. Condct. N.Y. Philrm. (43-44); Dir., N.Y. City Symphony (45-48); presently: Music Dir., N.Y. Philarmonic, (58-69); m. Felicia Montealegre Cohn; ch.: Tamie, Alexander, & Nina; Mr. Bernstein's activity includes countless concerts with the most famous orchestral bodies throughout the world, piano concerts, compositions of symphonies, poems, ballets, (among them "Jeremiah", "Kadish", etc.); awards received from many universities, organizations & several countries; one of the most warmhearted and distinguised friends of Israel in many ways; composed scores f. "On the Town", "Wonderful Town", "Candide", "West Side Story", etc.; publ.: "Joy of Music; "Leonard Bernstein's Woung People's Concerts for Reading & Listening", and "The Infinite Varety of Music"; 1969, named Laureat Conductor N.Y. Ph. for life.

New York City.

BERNSTEIN, Louis Eliezer; Rabbi; pres. Rabbin. Cl. of Am.; chmn: Yeshivat Hadarom, Rehovot; Yeshivat Ahuzat Ya'aqov, Gan Yavne; b.: 4.2.1927, N.Y.C.; educ.: Yeshiva Coll., B.A., 50; Yeshiva U., Heb. Teach. degr., 47; ordained Rabbi, 50; m.: Pearl G. Moshel; ch.: Sara, David, Sima, Avraham; active in Jew. Rights Cl., Queens Jew. Comm. Cl.; p. Secr., Hapoel Hamizrachi of Am.; p. edit.: "Rabbin. Cl. of Am. Record"; Yeshiva Coll. Alumni News Bulletin; Rabbi, Young Israel of Windsor Park; Instr. Erna Michael Coll., Yeshiva U.; p. U.S. Army Chpln; publ. articles in Hadoar, Hatzofe, Anglo-Jew. press.

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BERNSTEIN, Moshe; painter; b. in Bereza, Poland, 1920; att. Vilna Art School; to Israel, 1948; part. Israel war of indep.; works, in many French & Netherland Museums; exhibs as follows: took part in exhibition of "Immigrant Art" in Tel-Aviv, 1949; Gallery Katz, Tel-Aviv, 50; Gallery Katz, Tel-Aviv, 53; Black & White, Tel-Aviv Museum, 54; "Young Artists", Tel-Aviv Museum, 54; "Young Artists", Tel-Aviv Museum, 55;

"Views of Israel", Haifa Museum, 56; Tel-Aviv Museum, 56; Artists House, Jerusalem, 56; Gallery Katz, Tel-Aviv, 57; Israel Artists, Tel-Aviv Museum, 57; Spring Exhibition, Artists' House, Tel-Aviv, 58; Tenth Anniversary Exhibition, 58; Chemerinsky Art Gallery, Tel-Aviv, 58; Loujetzky Gallery, Haag, Holland, 59; Jewish Museum "Waaggebouw", Amsterdam, 59; Marcel Bernheim Gallery, Paris, 60; Israel Artists' Exhibition, Paris, 60; Jewish Artists' Exhibition, Paris, 60; Chemerinsky, Tel-Aviv, 61; Marc Chagal Artists' House, Haifa, 61; Artists' House, Jerusalem, 61; Israel Artists', Tel-Aviv Museum, 62; Chemerinsky Art Gallery, Tel-Aviv, 62; Tel-Aviv Museum, 63; Bat-Yam Museum, 63; Artists' Day, Jerusalem, 63; Bineth Gallery of Fine Arts, Jerusalem, 64; Chemerinsky Art Gallery, Tel-Aviv, 65; Museum of modern art, Haifa, 65; Exhibition The "Shtettel", Jerusalem, 65; One Man Show, Belgium, 68.

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BERNSTEIN, Nahum; electr. eng.; General Manager, Amcor Ltd. and subsidiaries (Amron Ltd., Amnur Ltd., Amcoram Ltd., Pleese Ltd., Amex Ltd.); Mbr. Boards of Dirs: Amgat Ltd., Ambin Ltd., Amzur Ltd., Ampa Investment Ltd.; b. Russia 22.31906; m. Rivka Cohen; 1 s.; educ.: Grenoble U; to Israel 1923.

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BERNSTEIN, Ory; Advocate; Assist. Gen. Dir., "Amcor" Ltd.; writer, poet, transl.; b. 21.1.1936, Tel-Aviv; ed.: Tichon Ironi A, Tel-Aviv; H.U. Jer., M.A. Jur.; m. Hadara Lazar; d. Gaya; s. Assaf; p. private practice (as advocate) in Tel-Aviv; co-found. (w. Nathan Zach) & edit., "Yoreni" lit. review; mbr of edit. brd, "Siman Kria"; auth. of many books (poetry & prose); his poems were publ. in: Yoreni, Achshav, Keshet, Molad, Mosnaiym, Haaretz, Davar, Lamerchav, Jediot Achronot & in var. anthol.: "Shira Tzeira", Eked; Shirim Liriim 1900-1970", Massada; Modern Hebrew Poetry, Abelard Schultz, N.Y.; Modern Heb. Poetry (in Arabic); "Tzanach Lo Zalzal" - play performed at Zavta Theatre, 71; many transl. f. theatre; lit. articles & res. on Nabukov, Hazaz, Jocheved Bat-Miriam, etc.

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BERNSTEIN, Philip S.; Rabbi; b. Rochester, N. Y.., 29.6.1901; educ.: Syracuse U.; Hebrew Un. Coll. — JIR, Cambridge U.; m.: Sophy Rubin, 11.6.1925; ch.: Jeremy, Stephen, Alice; Rabbi, Temple Brith Kodesh, Rochester, N.Y.; 50-52, Pres. Central Conf. of Am Rabbis, 1st Seminary of Reform Rabbis in Israel; hon chmn, Am Isr Public Affairs C'tee; p. Vice Pres., Am Jewish Congress, mbr western hemisphere exec of WJC; 41-45, on missions battlefronts as Exec Dir of the C'tee on Army & Navy Religious Activities of Natl Jew. Wlf Board; 46-47, Advisor Jew. Aff. to US Army Commanders in Europe, in personal contact with DP centers in Germany, Austria, etc.; also in contact with Pres Truman, PM's of Poland, CSR, Italy, France, UK, the Pope; testified before the UNSCOP (in Germany) & US Congr. (Straton Bill); Assoc. Exec. mbr, J.A. f. Isr., 71-; Exec. Vice-Pres., Cl. of Jew. Feds. & Wlfr Funds; active f. UJA; mbr, coord. c'tee. Confer. on Human Rights, 69; p. pres. Rochester City Club & Rochester City Planning & Housing Council; mbr, Monroe County's Human Relations Comm.; grad. studies at Columbia University, Hebrew U., Jer.; Man of the Year Awrd 1958, Rotary Cl. of Rochester; Rochester Civic Medal, 1962; publ. "What the Jews Believe", first in LIFE Mag. & in book; "Rabbis at War", 71; numerous articles in magaz.: Harper's, The Nation, The New Republic & var. Jewish Publications.

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BERNSTEIN, Robert M.; Att. at Law; Fllw: Am. Coll. of Trial Lawyers; Intl. Acad. of Trial Lawyers; Hon. Dir., Cngrn Adath Jeshurun; b. 1.10.1894, Philadelphia, Pa.; ed.: South Philadelphia HS; U. of Penn., Law Sch.; m.: Edith L.; 2 s.: Marshall A., Samuel; 1 d.: Deborah Silver; p. Pres., Z.O. & Palestine Scty of Phila.; one of 15 organizers of Allied Jewish Appeal in Phila. (Hon. Dir., 64); p. Chmn, Capital Needs C'tee, U. of Pa. Law Sch.; p. mbr, Brd of Managers, U. of Pa. Law Sch.; p. Vice Chmn, Dev. Fund U. of Pa. Law Sch.; p. Treas., Phila. branch of Am. Friends of H.U.; Hon. Fllw, H.U., Jer., 64; publ (all in the Pa. Bar Assn Quarterly): "Negligence Cases in Pennsylvania Appellate Courts (6 articles); "Damages in Personal Injury and Death Cases in Pennsylvania" & Supplement; "The Presumption of Due Care — An Analysis" & Suppl.; "How Certain Must the Expert Be?"; recip.: Outstanding Grad. Award, Mc. Kean Law Club; U. of Pa. Alumni Award of Merit; State of Israel Tribute Dinner; Cyrus Adler Award, 72; Mbr of UJA Study Mission to Isr., 71, 72; visited Isr.: 34, 63, 64, 70, 71, 72.

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BERNSTEIN, Selma; Natl Vice-Pres., Hadassa, 70-; b. Lincoln, Nebraska USA, 24.9.1912; ed.: grad., Nebraska U.; m.: Nathan E. Bernstein; ch.: Hava Rae Rothman, Zeff Jay Bernstein; Pres., Lincoln Women's Inter Club Council; p. teacher, school & Sunday school; p.: Pres. Lincoln Chapter & Mountain Plains Reg., Hadassa; Natl Service C'tee, Hadassa; Natl Adv. C'tee of Youth Aliyah; Chmn Israel Bonds, Lincoln; Chmn, Women's Div., Lincoln Jewish Wlf Fed. (3 times); recip. Honor Award f. Distinguished Leadership, Lincoln Jew. Wlf Fed., 64; app., by the Governor of Nebraska, on Commission on the Status of Women (reapp. by new Gov., 68); p. Pres. Sisterhood & mbr, Brd of Educ., Synagogue Tiferet Israel; mbr brd, Lincoln Community Play-house; served on many Community projects; delegate to WZC, Jer., 1964, as observer; do., 68; Hadassa Deleg., to Emergency

Leadership Conf. on Peace in The Middle East, Wash. D.C., 70; Hadassa Deleg., the Founding Conf. of Am. Zion. Fed., Phila., 70; many times to Israel as mbr of a Leadership Tour, f. Hadassa business, as Hadassa Tour Leader, etc.
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BERNSTEIN, Zvi; Secr. Gen., Natl Relig. Pty; treas., WJC in Isr.; mbr, edit. brd of "Hatzofe" daily; b. 1914, Lithuania; to Israel, 1935; m.: Hedva Gilman; 1 s.; organizer of Hechalutz Hamizrachi in Lith. & p. edit. of its weekly "'Das Yiddische Wort"; p. mbr of dir., Palestine Office in Lith.; p. edit. of "Netiva", Hapoel Hamizrachi's weekly; councilman, Tel-Aviv Mun., 65-69; auth. of books & articles on soc. & pol. topics.
51 Itzhak Sadeh St., Tel-Aviv; tel. 32036.

BERNSTEIN-COHEN, Miriam; M.D.; authoress, actress; born Kishineff, 14.12.1895, daugh. of renowned Russian Zion. leader Dr. Bernstein-Cohen; ed.: Gymn. Kishineff; Charkow U.; to Israel, 1907; school at Yawniel & "Herzlia" Gymn., Tel Aviv; back to Russia with parents, studied art & medicine; grad. 1918 & served as M.D. in Red Army; first stage appearances in Russia, 17-21; again to Israel, 1921, and in active theatrical life ever since; played in "Cameri", "Habimah" & on various other stages; also on art & cult. missions abroad, on behalf of Jewish official bodies; p. mbr. of the Representatives Assembly of the Ishuw; m.: actor Michael Gur (dec.); 1 s.; 1 d. (actress, Aviva); developed a rich literary activity, incl. poetry, stories, articles, essays on art, classical translations, etc.; i.a. "Mefisto" (novel), "The Fire" (novel), "In the Land Ophir" (poem), "Woman On Journey" (stories), "The Theatre on the Treshold of the 20 th Century", "World of Illusions", "Silences" (poems), "History of the Theatre" (62); transl. works by Pushkin, Pirandello, Weinshall, Barbusse, Buck, Maupassant, Tolstoi, Loms; edited, book on Dr. Bernstein-Cohen, Writings by Dorothy Parker; p. edit., "Theatre & Art" (periodical); edited, "Eva & Her Daughters" stories on women), etc.; translated plays, performed on stage, etc.; perm. work brdcst & TV ("Packages from America"); autobiography, "Like a drop in Sea", 71; movie "Neighter by day nor by Night", 71; awarded: Tel-Aviv Munic. Prize, 69; "Harp of David", 71; J. Fichman Prize, 71.
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BERNTHAL, Yoseph; accountant; Chief Comptroller, Commercial Mng., Israel Steel Mills; b. in Cernäutzi; to Israel, 1946; grad. high-school, advanced studies in accountancy, pricing & spec. computer courses; m.: Ziva; ch.: 3 d., 1 s.; p. IDF officer, discharged 1951; work w. Solel-Boneh Ltd., 51-62; app. dep. comptr. Israel Steel Mills, 62-64; comm. mng., & management member, 68-.
5, Kadimah St., Haifa.

BERRY, Yedidia; LL.B.; adv.; mbr. exec. C'tee, Liberal Pty, candidate to Knesset 1969; b. in Beuten, Germany, 30.1.1931; educ.: Law Fcty, Tel-Aviv U.; to Israel, with parents, 1938; IDF, 1948 (severely wounded in action); mbr exec. c'tee: Wld Un. of Gen. Zion.; Publ. Cl. f. Soviet Jews; head c'tee f. acad. - Isr. Liberal Pty (Gahal); legal advis. to Pub. Cl. f. prevention of Noise & Air-Pollution (Malraz) & mbr of its exec. c'tee; led legal campaigns ag. air-poll., noise & smell nuisances; judge high court: Sports Fed. of Isr.; Kupat Holim Maccabi; high court of Sports Org. Maccabi; head, Municipal Elections H.Q., Liberal Pty, 1969; m Atara Hausman, 21.8.1956; ch.: Dafneh, Orli; self-employed legal practice in Tel Aviv; published on polit. topics in daily press.
86, Shlomo Hamelech St., Tel-Aviv; tel. 237324.

BERSON, David; M.D., Eye Surgeon; Lctr. in Ophtalmology, H.U. Med. Sch., Jer.; Head, Ophthalm. Dpt., Shaare Zedek Hosp. Jer., 66-; b. Jerusalem, 7.2.1929; ed.: Med. Sch., H.U.; m. 1958; 3 ch.; organized new Eye Dpt., Muhimbili Hosp., Dar-es-Salam, Tanzania, 62-64; mbr: Isr. Scty of Ophtalmology; Isr. Scty for Progressive Research & Treatment in Mental Retardation; publ.: The developpement of the choroid & sclera in the eye of the foetal rat with particular reference to their developmental interrelationship, 65; Israeli Ophtalmologists in Africa, 66; Nutritional Amblyopia among tubercular patients, 67; Prevalence of Myopita among Africans; 67; Survey in Monrovia & Dar-es-Slam, 67; Some Comments on the Incidence of Idipathic Retinal Detachment among Africans, 67; The vitreo-retinopathy assoc. with retinal detachment among Africans, 67; Filtering operations in Africans, 69; Nocardiasis of the lacrimal canal, 69; Corneal ring abcess caused by pseudomonas aeroginosa due to wearing of contact lenses, 70; A study in the prevention of retinal detachment, 69; recip. Landau Prize, 65; Kornblueth Research Scholarship in Pathology of the Eye, 67.
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BERTIL, Aberg Gustav; Prof., M.D., D.V.M. hon. causa; docent, clin. chem., Karolinska Inst.; chmn, Sweden-Isr. Chamber of Commerce; b. 12.10. 1925, Stockholm; ed.: Karolinska Inst., 45-52; thesis, 52; internship Karolinska sjukhuset, 52-54; Royal Coll. of Defence, 60; m.: 1) Ulrika Widell; ch.: Martin, Lars, ,Fredrik; 2) Eva Nordenfelt; mbr: Royal Acad. of Eng. Sci.; Swedish Med. Res. Cl.; Swedish Atomic Res. Cl. (biol. section); The Swedish techn. devel. brd (section f. pharm. industry); The Royal Swedish Air Force Med. Corps (reserve); hon. mbr, Finnish Med. Scty; Commander, Royal Order of the Polar Star, Knight 1st Class, White Rose of Finland; publ.: about 200 articles on clin. chem., radioecology, radiobiol., history of med.
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BERTINI, Gary; conductor, composer; Mus. Dir., Israel Chmb Orch-Chmb Opera; founder, cond., Rinat Isr. Chmb Choir;

guest-cond., IPO & IBS; teacher, Israel Acad. of Music; b. 1.5.1927; married Rosette Berengole; 2 d.; educ.: Tel Aviv, Milan, and Paris conservatoires; Paris Musicology Inst.; guest conductor major orchestras in Europe, U.S.A.; wrote music for 30 theatre plays, radio plays and films; composed chamber music, ballets, concertoes, etc.
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BERZON, Bernard L. (Dov Arie); Rabbi; Hon. Pres., Rabbin. Cl. of Am. (Pres., 70-72); vice-pres., Mizrachi — Hapoel Hamizrachi of Am.; b. 5.2.1913, Plissa, Poland; ed.: Yeshiva U., B.A.; U. of Maine ,M.A.; Sch. of Soc. Sci., Dr. Soc. Sci.; m. Sylvia Goldentyer; ch.: Chananya, Azarya, Judith Adina; Rabbi, Ahavat Israel Cngn, Brooklyn N.Y.; author: "The Sit-Down Strike", "Sects in Judaism", "Good Beginnings".
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BESSIN, Hyman; business exec.; mbr, Prime-Minister's Economic Conference for Israel; b. Ottawa, Ont., March 7, 1910; s. Moses and Rachel (Wolinsky); m. Marion Friedman, May 31, 1942; ch.: Leya, Moshe, Berl, Hershel; Pres., Acklands Ltd., Winnipeg, 59-; McLennan, McFeely & Prior Ltd., Vancouver; Mindy's Ltd., Fort Garry Court; Shane Distrib. Ltd.; Winston Hall Ltd.; B. & V. Mngnmt Serv. Ltd.; Pres. Canadian Zion. Fed.; Vice-Pres., UIA Inc. of Canada; Natl. Pres. Can. Friends of Yehsiva U.; Trustee Bar-Ilan U.; Pres., 61-65, Ottawa Jew. Community Cl., Treas., Mizrachi Org. of Canada, 35-; Dir., Mizrachi Bank of Israel; mbr, Wld Zionist Org. Actions C'tee; pres., Canadian Fndn for Jewish Education; member, Municipal Council, 33-39; Hydro-electric cmmn., 33-37 — both of Winchester, Ont.
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BETSER, Abraham A.; Assoc. Prof. (aeronautical engineering), Technion Haifa 64-; mbr of Senate & Brd of Govnrs, Technion; b. 9.4.1919, Hildesheim, Germany; to Israel, 1939; ed.: HS, Hildesheim, 29-37; Hamburg U., 37-38; HU Jer., 39-41, 46, M.Sc. 49; Illinois Inst. of Techn., Chicago, M.S. 55, Ph.D. 56; m.: Zipora Gafny; 3 ch.: Yossy, Amith, Chen; snr res. sci., Armament Dev. Auth., Min. of Defence, 50-69; res. assoc., Brown U., Providence RI., USA, 64; at Technion Haifa, 56-; active as coputer & computer programming cnslt; publ. in structural mechs., experimental stress analysis.
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BETTER, O. S.; M.D., Assoc. Prof., Technion Sch. of Med.; Chief, Dpt of Nephrology & co-ordin. Kidney Transplantation Serv., Rambam Hosp., Haifa; b. 1928, Haifa; ed.: Hadassah Med. Sch., H.U. Jer., grad., 57; m.: Yael Ben-Yehuda; 2 d.; found. Kidney Serv. at Rambam Hosp., 65; papers on kidney transplant. & renal physiol. in Brit. & Am. sci. journals.
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BETYAN, Mordechai (Max); Eng., M.A.; Assoc. Dean, Fcty of Sci., H.U. Jerusalem; b. Brest Litovsk, Jan. 6, 1908; m. Erela Brakin; 1 s.; 1 d.; educ.: Hebrew & Brussels U.; to Israel, 1932; Secty, Mapai, Jerusalem, 42-44; principal, "Amal" School, Jerusalem, 44-47; delegate to 23rd and 24th Zionist Congresses; Dir., European Offices, Jew. Ag., 48-52; Dir., Organization Dpt., Jew. Agcy and World Zionist Org., 52-58.
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BEZALEL, Yitzhak; accountant, C.P.A.; mng., Jer. branch of Kesselman & Kesselman, C.P.As.; b. 1938, Haifa; ed.: grad., Haifa U.; m.: Sandra Sheila Krokin; 3 ch.; brd mbr, Inst. of Certfied Public Accountant in Isr.; hon. treas., Rotary Club, Jerusalem-West.
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BEZALELI, David; Mgr. Juris.; mbr. Central C'tee, Histadruth, 55-; b. Poland, 1.11.1906; to Israel, 1933; ed.: Lvov U.; m.: Elisheva Gininger; p. Chmn., Zion.-Soc. Students' Org., Lvov; p. agric. worker & Kibbutz mbr.; p. Secr., Labour Council, Zikhron-Yaacov; with the Jew. Brigade, World War II; co-found., acad. aliya groups; mbr, Law C'tee & Budget C'tee, Histadruth; chmn, Regulation C'tee f. Local labour Councils; publ. articles & pamphlets on social, political & labour problems.
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BEZEM, Naftali; artist; b. Essen, Nov. 27, 1924; m. Chana Liebermann; 2 s.; educ.: Bezalel Art School, Jerusalem; to Israel, 1939-; Teacher, Bezalel School of Art; Exhib. Venice, 54; Lugano, 60; Venice, 60; Jerus., 59; Brussels, World Fair, 58; T.A., 62; New York, 64; Haifa, 65; Jerus., 66; Montreal (W. Fair), 67; Dizengoff Prize (59); publ. sev. books of drawings.
44 Louis Marshal St., Tel-Aviv.

BIBER, Yehoash; editor, Merkaz Ha'asbara & "Ladaat"; b. 14.2.1937, Tveriah; ed.: B.A. (Human.); m.: Ayalah; d.: Sion; s.: Shai; author of books f. children & youth, novels, etc. (published in lit. journals); recip. Yatziv Prize, Lamdan Prize.
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BIBI Mordechai; M.K. adv.; b. Baghdad, 1.7.1922; m. Ruth Grayewsky; 2 s.; 1 d.; educ.: Tel-Aviv U. (Law.); in underground Zionist movement & illegal immigration in Iraq; to Israel, 1945; on staff of Min. of Defence, -1958; mbr. central institutions of Ahdut-Haavoda-Poalei Zion, 45; elected to 4th, 5th, 6th & 7th Knesset; Dep. Speaker of the House; publ. articles in "Lamerhav".
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BIELSKI, Martin; Journalist; edit. staff "Jedioth Chadashot"; b. July 5th, 1921, Germany; ed.: Jonannes-Gymnasium, Juedisches Gymnasium, Breslau; to Israel, 1953, from

Bolivia; m. Elisabeth Glueckstadt; ch.: Ruben-Zwi, Dan-Shlomo; editor, "Die Zeit" and "Hechos" — jewish weeklies in Cochabamba-Bolivia; Pres., Theodor Herzl-Soc. Bolivia, 49-53; Pres., Bialik-Lodge Bney Brith, Tel-Aviv, 63-66; Pres. Shalom Süsman-Memorial Lodge, R. Gan, 71-72; Editor, "Liberale Nachrichten", 65; Publ.: "Los judios en Bolivia", Edicion "Atlantic", Cochabamba, 1950; "Marranos en la America del Sur" do, 52.

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BIGON, Lew; Mech. Eng.; Mng. Dir., "Arkia", 65-; b. Odessa, Russia, 1913; to Israel, 1935; ed.: U. of Prague (Mech, Eng.); U.S.A.F. Air U.; various courses in management; served in R.A.F., 40-46; w. Israel Air Force (Rav-Seren), 48-55.

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BIKEL, Theodore; actor, folk singer; b. 2.5.1924, Vienna; to Israel, 1938; educ.: Mikve Israel, U. of London, Habimah Theatre, Royal Academy of Dramatic Art, London; m.: Rita Weinberg; 2 s.: Robert Simon, Daniel Martin; co-chmn, AJC Governing Cl.; First V.P. Actors' Equity Assn.; mbr: Exec. Brd., Natl Jew. Music Cl.; Brd. of Dirs, U.S. Section, Amnesty International; founder, Arts Chptr, AJC; co-found.: Isr. Cameri Theatre; Newport Folk Festival; Natl V.P., AJC; deleg. to Dem. Natl Cnvnt, 68; lctr. to Jew. students in USA & Gt. Britain; deleg. to PM's Conf. Jer., 69; internationally renowned star in a series of well-known theatre performances, motion pictures & TV shows; weekly radio program; author: 'Folksongs and Footnotes" & articles f. Jew. publs.; recorded underground Jew. songs from the USSR entitled "Silent No More" proceeds of which go to H.U. f. Soviet Jewry scholarships.

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BINDIGER, Baruch Avraham; admin.; now w. Export-Import Chem. Dpt., Hamashbir Hamercazi, Tel-Aviv; vice-pres. & secr., B'nai Brith Herzliah; mbr, Moetzet Hapoalim, do.; b. 22.8.1922, Bardejov, CSR (descend. of great Rabbis: Eliezer Rocach from Amsterdam, Rabbi of Belz, etc.); to Israel, 1944; ed.: H.S. in Berlin; m.: Shoshana Migdal; one of organizers of Jew. Anti-Nazi mov. in France, during World War II; joined the Jew. Brigade, 44-46; w. Jew. Settle. Police in Palestine, 46-47; missions (on behalf Aliyah) to Europe & N. Africa, 61-63; hobby: paint. & copper works; recip. all 7 Isr. citations.

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BIRGER, Zeev; Dir., Light Industries Division & Israel Film Center; w. Min. of Comm. & Indus., 68-; b. Lithuania, 1.4. 1924; to Israel, 1947; ed.: Public Adm.; m. 1946; s.: Doron, Oded, Gil; p. Dep. Dir., Customs & Excise; mbr, Brd of Dirs: The Isr. Mngmnt Center, The Jerusalem Econ. Corp., Atir — Sci. Based Indus., Betzalel Art Acad., Chan Theatre Jer.; mbr, Variety International.

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BIRKHAHN, David; Oral Surgeon; B. D.S.N.U.I., F.D.S.R.C.S. Eng.; private practice (12, Strauss st., Jerus.), 62-; b. Cork, Ireland, 8.9.1928; to Israel, 1959; ed.: Natl. U. of Ireland; m.: Rina Freha Cohen, 1961; 2 d.; 1 s.; House Surgeon, Bristol Dental Hosp., 52; mbr of staff, Cork Dental Hosp., 55-59; Clinical Assist., Eastman Dental Hosp., London, 56-57; Chief Assist. Physician, Hadassa Dental School, 59-62; Chmn, Israel-Ireland Friendship League; mbr: Isr. Dental Assoc.; British Assoc. of Oral Surgeans; publ.: professional articles in Hebrew & English dental journals.

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BIRN, Samuel Judah; bus. exec.; dir. of companies, 31-; b. London, 5.8.1902; m. Doris Berger, 1931; d. Valerie F. Mandelbaum; serv. R.A.F., 42-45; hon. fllw, Haifa Technion; hon. treas., British Technion Scty, 51-; vice-chmn, brd of governors, Technion, 55-; Jt. Hon. Treas., Stepney Jew. Sch., 66-; mbr, brd of govrs, Carmel Coll.; patron JNF, Joint Hon. Treas., JNF of Gt. Britain & Ireland, 55-62; fllw, Inst. of Directors.

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BISGYER, Maurice; Hon. Ex., Vice Pres., B'nai B'rith (Intl); b. 28.8.1897 Brooklyn, N.Y.; ed.: New York U. — B.A. (w. Hon.), 18; M.A., 19; L.H.D., Heb. Un. Coll., 59; Phi Beta Kappa; Fllw, N.Y. U.; m.: Hoda Rosenberg; s.: Dr. Jay Lewis; d.: Doris Freed; Ex. Vice Pres., B'nai B'rith (Intl), 28 years; Secr. Gen., Coord. Brd of Jew. Orgs; Ex. Com., Community Chest., Wash. D.C.; Ex. Dir., JCC, Wash. D.C., 23-37; mbr, Ex. Com., UNESCO, f. 5 years; Natl Advis. Com. on Educ. (app. by Pres. Hoover & F. Roosevelt); mbr. secr., Am. Jew. Confer., 43; mbr, N.G.O. of UN, 45; mbr: B'nai B'rith — Brd of Gvnrs, Intl Cl., Youth Comm., Hillel Comm., Anti-Defamation Comm., Historical C'tee; Edit. Brd. of Z.O.A.; Comm. on Veteran & Citizen Services; Ex. Cl. of Am. Jew. Historical Scty; 1st Vice-Pres., Natl Confer. on Citizenship; publ.: Henry Monsky — The Man and his Work, 47; series f. N.Y. Daily Mirror, 48; Challenge and Encounter, 67; recip.: The Presidents Medal by B'nai B'rith; Pen from Pres. Truman, during de jure recognition of Israel, 31.1.1949.

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BISNO, Julius; Assoc. Exec. Dir., Jew. Fed. Cl of Gt. Los Angeles, 59-; Exec. Dir., Jew. Community Fndn; b. 20.4.1911, Memphis, Tennessee; ed.: Creighton U., 33; Post grad., U. Chicago, 33-34; American U., 38-39; G. Washington U., 40-41; m.: Rose Cohen; s.: Jay Alvin; Assist. Natl Exec. Secr., Aleph Zadik Aleph of B'nai B'rith, 29-33 (Intl Exec. Secr., 33-34); Spec. Natl Field Comm., Boy Scouts of Am., 42-43; Intl Exec. Dir., B.B. Youth Org., 44-45; Assist. Exec. Dir., L.A. Jew. Community Cl., 45-50 (Exec. Dir., 50-59); Exec. Dir., U.J. Wlfr

Fnd of L.A., 50-62; p. Natl Pres., Alumni Friends of A.Z.A.; p. Pres., Omaha & Beverley Hills, B.B.; founder & 1st Exec. Chmn, Natl Confel., Jew. Youth Orgs; p. Brd of Regents, Hyatt Inst. in Isr., Brandeis U.; mbr, Brd of Dirs: Am. Jew. Historical Scty; Jew. C'tee of Scouting, Boy Scouts of Am.; Natl Edit. Brd. "The Jewish Digest"; Natl Commissioner, B.B. Youth Comm.; active in: S. Calif., Jew. Historical Scty; Natl Manuscript Scty; Natl Cl., Boy Scouts of Am.; Natl Cl, JDC; Natl Confer., Jew. Communal Serv.; Natl Assn of Jew. Communal Workers; mbr, Edit. Brd, "Western States Jewish Historical Quarterly"; Edit.: "The Shofar" (organ of B.B. Youth Org.) & "The National A.Z.A. Program Guide", 33-45; recip.: International SAM BEER Award, B.B. Youth, 29, 53; Natl B.B. Hillel Key, 67; Shofar Award Boy Scouts of Am., 70; various UJA Awards.

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BONEN, Zeev; Ph.D.; Dir of Armament Development Authority, 70-, b. Israel, 29. 10.1926; ed.: Technion, 51; Cambridge U., 61; m. Shoshana Katz, 1954; ch.: Gadi, Ouri; Control Eng., GE, USA, 51-52; with A.D.A., in various leading functions, 52-; mbr: Arch. & Eng. Assn; IEEE; Examiners' Comm. (Elect. Eng.), Technion; publ.: "Design of a Relay-Servo f. Operation under External Vibrations", 57; "Influence of Coding on Closed Loop Remote Control Systems", 57; "Connections between various Methods of Investigating Absolute Stability", 60; "Relay Amplifiers" (Ph.D. Disert., Cambridge U.); "High-Sensitivity Feedback Relay Amplifiers", 62; "The Circle Criterion & Describing Function Analysis", 68; "On the Planning of a Development Project", 69; award: Israel Defence Prize.
15, Noga St., Haifa; Tel. 85945.

BONIME, Richard L.; producer, dir. of TV & Film; dir., pres., Mistral Prod'ns, NYC, USA; Prof., Media Communications, Tel-Aviv U.; b. 13.2.1934 Connecticut, USA; ed.: Columbia U.; m.: Joy Black; s.: Avram L.; to Israel, 1972 (came to Tel-Aviv U. to develop a broad based Commnication Center & to implement the teaching and using the media of TV & Film; the appointment w. both the Eng. Sch. & the Arts and Communications Fcty); active in: Directors Guild of Am.; Scty of Motion Picture & TV Engs; Acad. of Motion Picture Arts & Sci.; Acad. of TV Arta & Sci.
447 East 65th St., New York 10021, USA; Tel-Aviv University, School of Engineering, Ramat-Aviv, Israel.

BONNE, Hayim (Boss); Chairm., Municip. Council, Ghivat Shemuel (66-); b. 24.6.06, Berlin; ed.: High & Prof. Sch. in Constr. Eng.; to Israel, 1930; m. Edith Abeles; ch.: Edna, Oded; active in Hagana & Histadrut; voluntereed Brit. Army, Jewish Brig., (41-46); Cpt. IDF (48-49).
Ghivat Shmuel, 2, Dr. Karpel Lippe St., Tel. 750657.

BORMAN, Joseph B.; surgeon; M.B., B.Ch. L. (Wits.); F.R.C.S. (Eng.); F.A.C.S.; Dir., Cardiac Srgy Unit, Hadassah-U. Hosp.; b. Krugersdorp, S.A., 3.7.1929; att. Krugersdorp High School, Witwatersrand U., Johannesburg; m.: Ruth Lichter; ch.: Margalit, Eyal, Alon; 46-51, Med. School, Johannesburg; spec. in surgery, London, 53-58; to Israel, 1958; w. dpt. of chest surgery ever since; post grad. studies in cardiac surgery, Los Angeles, 63-64; Assoc. Prof., H.U., Jerusalem.
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BORNSTEIN, Aba (Abraham); Dir. of Estate Co.; Mbr. A.C. of the WZO; b. in Frankfort a/M, 9.3.1900; educ. U. of Frankfurt; m. Helen Engel; 6 d.; Trustee, Jew Second Sch. move.; Vice Chmn: Montefiore Coll.; Backed Flwship; mbr brd of dirs: United Mizrachi Banks Isr. & Mizrachi Invest Ltd.
34, Exeter St., London, N.W. 2.

BORNSTEIN, Moshe; Gen. Mng., Tempo Combined Enterprises Yerucham Ltd., Ashdod Cold Storage & Warehousing Ltd., Holon Cold Storage & Warehousing Ltd.; b. Poland, 7.3.1912; m. Toba Tykocinska; 2 d.
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BORNSTEIN, Simon; B.S., D.V.M.; veterinarian; Assoc. Prof. Head, Poultry Dpt., Volcani Inst. of Agriculture; b. Wiesbaden, March 12, 1915; m.; 1 s.; 1 d.; educ.: Kadoorie Agr. Sch.; U. of Calif.; Sch. Veterinary Medicine, Texas; to Israel, 1931; veterinarian, poultry diseases, Min. of Agric., 47-56; two books and about 100 reports on poultry husbandry and diseases.
8, Hapardes St., Tel Aviv.

BOROWSKY, Irvin J.; publisher; found. & Pres., North American Publishing Co.; UJA Chmn, Printing & Publishing in Philadelphia; co-Chmn, Mission to Israel; brd mbr: Fed. of Jew. Charities Phila.; Am. Business Press; mbr, Scty of Fellows, Graphic Arts Techn. Fndn; b. 23.11.1924, Phila., USA; ed.: Wharton Sch.; m.: Beverley Ochroch; ch.: Scott, Gwen, Ned, Ted; found., TV Digest; edit. & publish., Mission Eleven; recip. Israel Bonds Award.
1447 Hunter Road, Rydal, Pa. 19046, USA.

BOSAK, Meir (Mark); writer, teacher; M.Ph.; Cl. mbr, Hebrew Writers' Assn; b. Crakow, 21.5.1912; to Israel (after Ghetto & concentration camps), 1949; ed.: grad., Warsaw U. & Inst. f. Sciences of Judaism, Warsaw; m. Sara Pantzer; publ.: In the Light of the Sne (stories); books of poetry — Stars of the Lanes, And Now My Eye Has Seen You, Dancing in Moonlight, After Twenty Years, In the Face of Void and Silence, In the Gate of the Mill of Silence, When Armilus went forth from the Stone; essays on literature & history; a book of memories ("Leaves in the Wind"); co-editor, Book of Crakow; award, Shapira Prize f. Literature.
37, Shimon Hatarsy, T.-A.; Tel. 449524.

BOSCHWITZ, Dvorah; Ph.D.; snr lectr, Dept. of Zoology; HU, Jer.; b. 1910, Berlin; to Israel, 1933; ed.: gymn., matric., Germany, 30; biol. & chem., Germany, 30-33; HU Jer., 38-40, M.Sc.; 54-58, Ph.D., zool.; p. techn. in several labs (incl. Dept. of Zool. HU); sabbatical in London, 62-63; admin., Dept. of Zool., HU, 64-65; sabbatical in Seatle Wash, Berkeley, Calif., 69-70; publ.: 18 original Zool. papers; 4 reviews f. students or tchrs; 4 reports at sci. meetings in Isr. & abroad; teaching of diff. courses (incl. course on the human body).
19 Shmuel Hanagid St., Jerusalem; tel. 223586.

BOSS, Jochanan H.; Assoc. Prof. (path.), H.U. Hadassa Med. Sch., 64-; b. Germany, 10.12.1926; to Israel, 1934; ed.: U. of Zurich; m. Esther Heimann; 3 ch.; Beilinson Hosp., 56-61; Harvard Med. Sch., Boston, 61-62; U. of Pittsburgh, 62-64; U. of Cincinati, 70; mbr: Intl Acad. of Pathology, New York Acad. of Sci., Isr. Scty of Immunology, Isr. Scty of Path.; author of over ninety publ. in sci. journals, in Israel, USA & Europe; award: Meir Prize in Medecine, Kupat Cholim, 1967.
36 Hapalmach St., Jerus. Tel. 64709.

BOTZER, Abraham; Aluf (Res.); Command., Isr. Navy, 68-72; b. 1929, Poland; to Israel, 1937; ed.: secondary school, joined "Palyam" (Palmach Naval Unit), naval officers' courses, etc.; economics, at Hebrew University; p. c/o, illegal immigrants ship "Shabtai Ludzinsky"; w. Israeli Navy, 1948-; c/o Corvette, 52; dep. comm. Frigate; dep. comm., destroyer "Eilat", partic. Sinai campaign, captured Egyptian destroyer "Ibrahim El Awal", 56; c/o Israel Navy ship "Yaffo", 59-60; dep. Head, Sea Dpt; Study tour, British Navy, 63-64; Six Days' War, Comm. the Naval Unit. which reached Sharm-el Sheik, 67; m.; 2 d.
Haifa.

BOUKSTEIN, Maurice M.; Attorney at Law; b. Cohoes, New York, 24.10.1905; ed.: New York U., 29-32; St. Lawrence U. Law Sch. — LL.B., 35; LL.M., 36; m. Anna Horstein, 1931; d.: Sarah, Dinah; Princip. Partner, law firm Guzik & Boukstein, 51-; Legal Advisor, J.A., 46-; Gvrnr & Mbr, Exec. Cl. of Weizmann I., Rehovot, 49-; Chmn, Exec. Cl., 70-; Mbr Deleg. of Conference on Jew. Material Claims against Germany, Hague 52; Gen. Counsel, 52-; Mbr: Exec. C'tee & Gen. Counsel, Memorial Fndn f. Jew. Culture, 65-; Am. Zion Emerg. Cl., 42-45; Exec. C'tee, ZOA, 41-45; Adm. C'tee, ZOA, 40-45; Brd of Dirs, Jew. Restitution Successor Org., 47- (Chmn, Exec. C'tee, 62, 64, 68, 71; Pres., 67, 69, 71, 73); Chmn, ZOA Platform C'tee, AJ Conf., 43; Brds of Dirs: UPA, 41-45; KH, 43-45; JNF of America, 41-45; Brd of Dirs & Exec. C'tee Am.-Israel Cultural Fndn, 49-; Deleg., 23 WZC, Jer., 51; Secr.: Am. Econ. C'tee f. Palestine, 33-37; Pal. Econ. Corp., 40-41; Cnslt, Brd of Econ. Warfare of USA, Wash. D.C., 42; Mbr: Am. Bar Assn, N.Y. County Lawyers' Assn, Am. Acad. of Pol. Sci.; Putnam Country Club, New-York U. Club.
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BOYAR, Abraham; Dep. Mayor, Tel Aviv; Head, Education Dpt; Chmn, Relig. Services C'tee; Head, Iggud Arim Tel Aviv-

Holon (f. the slaughterhouse); Chmn, C.C., Natl Relig. Pty & Hapoel Hamizrahi; b. Korolovka, Austria, 31.1.1907; m. Hanna Lieberson (dec.), remarried; 3 s.; educ.: Religious; external studies; past pres., Mizrahi Movement in Bukovina; to Israel, 1933; p. mbr, Assefat Hanivharim; Religious Council for Tel Aviv; co-founder, Central Labour Exchange, 1945; co-founder, Construction Workers' Assurance Fund; articles on economic and labour topics; re-elected, 1969; head, Education Dpt.

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BOYAR, Louis H.; US bus. exec.; Chmn, Brd of Gvrns, Israel Bond Org.; b. 10.1. 1898 in S. Francisco, USA; m.: Mae R. Cohen, 18.2.1924 (dec.); p. Natl Chmn of Trustees of Isr Bond O. & p. chmn of its Los Angeles C'tee; formerly Advance Gifts Chairman, L.A. United Jewish Welfare Fund, & Natl Vice Chairman Trades & Professions Council, UJA; Chairman, Board of Israel Investors Corp.; Vice President, Am. Friends Hebrew U; member, Board of Governors Hebrew U., Jerusalem; Board of Directors, Capital for Israel, Inc.; established Mae Boyar Children's Home in Israel, as a memorial to his late wife, who was an outstanding leader in activity f. Israel; Campaign Chairman, Brandeis Camp Institute of the Pacific; serves on the Boards of Temple Israel of Hollywood and of Loyalty Masonic Lodge of Long Beach; Long interested in the early diagnosis and treatment of arthritis, he established the Boyar-Kling Arthritis Clinic, whose services are available to those financially unable to secure adequate medical help.

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BRAHAM, Jackson; Prof., M.C., M.D., M.R.C.P. (London); Dir. Neurological Dpt. & Dir. EEG Dpt., Chaim Sheba Hosp., Tel-Hashomer, 49-; b. Leeds, England, 14. 8.1914; to Israel, 1949; ed.: U. of Leeds, 32-38; Inst. of Neurology, Queen Square, London, 51-52; m. Tamara Reindorf, 1945; 2 ch.; mbr, Med. Appeal Brd: Min. of Defence; Natl Insurance Inst.; Assoc. Clin. Prof. of Neurology, Tel Aviv Univ. Med. Sch., 69; Visit. Prof. of Neurol., A. Einstein Coll. of Med., N.Y., 70; mbr; Isr. Med. Assn; Neurological Scty; Electro-Encephalographic Scty; publ.: articles in med. Press on neurological subjects; recip. Military Cross (British Army), 44; Mentioned in Despatches, 43.

21, Maaleh Hatzofim, Ramat Gan; Tel. 723131.

BRAM (Henkin), Anna P.; Mbr, Natl Brd of Hadassa; b. Phila., Pa., 22.6.1911; ed.: Grad., Girls H.S., Phila.; m.: Dr. Norman H. Bram, 1930; ch.: Ruth Joseph, Barbara Sherman, Sandra Charney; mbr, boards of: Israel Bonds Women's Div.; Fed. of Jew. Agencies, Women's Div.; Secr., Phila. Zion Fed.; mbr, Friends of the H.U., Technion, A.J.C., B'nai Brith, Lucien Moss Rehabilitation Center, Citizens C'tee on Ed., Brandeis U., Speakers Bureau for United Fund, Allied J.A. Speaker & Hadassa Speaker; Chmn, Zionist Affairs f. Eastern Penna., Hadassa; Natl Hadassa Membership C'tee & Task Force; Div. Chmn, March of Dimes (Mothers' Div.); Solicitor for Multiple Sclerosis, Public Affairs Dpt. f. Senior Citizens under Jewish Y's and Centers; p. Pres. of: Lowell P.T.A.; Temple Judea Sisterhood; Phila. Chapter of Hadassa (4 years); Deleg., WZC Jer., 60; honoured by State of Israel Bonds on 2 occasions.

5956 N. 5th St. Philadelphia, Pa., 19120.

BRAM, Norman H.; dentist; Dr. dent. med.; honored (w. Mrs. Bram) by Isr. Bonds, f. service to Israel in raising funds; b. 21.3.1904, Philadelphia; educ.: U. of Pittsburgh (Dr.); m.: Anna P. Henkin; ch.: Ruth A. Joseph, Barbara E. Sherman, Sandra L. Charney; 8 grandch.; mbr: Am. Dental Scty; Free Masons, Am. & Isr. Numismatic Assn., Jew. Chautauqua Scty; p. Pres.: Temple Judea Brotherhood; Delaware Valley Reform Brotherhood; p. V.P. Cngn Temple Judea; 1st Man of the Year (Temple Judea), 68.

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BRAND, Yehoshua; M.A. Ph.D.; rabbi; Snr Lctr, Talmudic Archaeology, T.-A. U.; to Israel, 1934; Prize Am. Acad. of Jew. Research; author of "Cley ha-Heres B'safrut ha-Talmudit"; research works on archaeology, Talmudic history, etc.

4 Beth Shearim, Jerusalem.

BRAND-AURABAN, Aron; M.D., Ph.D.; b. Ozorkow, Russ. Poland, 1910; parents: Nathan, d. 1936; Esther-Haja, exterminated by Nazis (together with hundreds of other members of the family); m.: Esther Malka Auerbach; s.: Abraham, M.D.; Nathan, pianist; Haim, student; ed.: "Herzlia", Tel-Aviv, -27; Berlin, -29; Warsaw, -23; studied Phil., Berlin, 28-30; Med., 30-36; "Hochschule fuer die Wissenschaft des Judentums," 28-33; Rabbi & lctr in Hebrew poetry, 33-34; postgrad. studies: Rheum. Fever. & Ped. Card. Fllw, Chicago & N.Y., 50-52; do., London, Zurich, -58; Boston, -61; chmn. Isr. Med. Assn, Jerus., 58-65; vice-chmn, Isr. Med. Assn, 59-65; chmn, Isr. Ped. Scty, 64-69; chmn, Jerus. Acad. of Med., 58-; chmn, Rheum. Fever Scty Council, 65-; head, Ped. Dpt "A", Bikkur Holim Hosp., Jerus.; Visit. Asst. Prof. of Ped., Harvard, 69-70; specialised in ped., card. & P.H.; cca 100 publ. in Israeli & foreign journals; C.F.A.A.P.; F.A.C.C.P.

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BRANDENBURG, Jacob; sculptor; b. Stawiski, Poland, 1899; to Israel, 1934 (from Germany); ed.: Yeshivat Lomzha, -17; to Berlin, 20, studied w. Prof. Struck, Prof. Lederer, Pasternak, a.o.; m. Tehila Weismehl, 1942; taught sculpture (private studio), 37-42; Smnry f. artists of Kibbutzim, Ein Kerem, 52; many Bible-works

in basalt, marble; exhib.: Menora club Jer., 38 (12 works in stone, wood, bronze, terracota); gall. Ben-Uri, London; "Habima"; Artists House of Jer.; part., competition f. planning Herzls' tomb-monument, 50; mbr, Isr. Assn of Painters & Sculptors; publ.: "Art and Life" (Hebrew & German), 51; "Solomon the Second" (Hebrew & German), 64; "The Bible in Sculpture and Painting"; awards: Dizengoff Prize, 40; some of his works are described in the books of Karl Schwarz, Dr. Gamzo, etc.

3, Menahem St., Jerusalem.

BRANDT, Peter H.; attorney; Patron, Israel Museum; mbr, Brandeis Scty of Bibliofiles; p. over-all Chmn, UJA of Riverdale & the Bronx; b. 6.2.1896, New York C.; ed.: Case W. Reserve, B.S., 19; M.Ed., 22; Fordham Law Sch., LLB, 27; LLD, 69; m.: Elsie Finestone; ch.: Hubert, Carol Ferranti; US Army, 18; partner, law firm, Peter H. & Hubert J. Brandt, 28-; p. pres.: Riverdale J. Cen.; Nathan Strauss J. Cen.; ZOA dist. 64; p. Chmn: Sch. Bd 22, NYC; Selective Serv. Bd 18; secr., NYC Comm on Tax Exemption; mbr: Masons, Bx Bar Ass, Am. Legion, JWV, Am. Scty of Appraisers; publ. articles in prof. journs.

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BRAUDE, Jacob; comp. dir.; Mng. Dir., Tobias Braude & Co. Ltd., London; mbr.: Congress Tribunal, W.Z.O.; Jew. Tribunal (Shops Act); Brd. of Dep., Exec. & Ed. C'tees; Vice-Chmn., Law & Parliam. C'tee; Exec. Vice-Pres., Mizrachi Fed. of Gt. Brit. (p. Chmn); Vice-Pres., W.J.C. Brit. Sctn.; Life Pres., Hendon Adath Yisroel Cngn. (found., Pres., 39-69); Chmn., Friends of Midrashiat Noam, Isr.; b. 14.12.1902, Fuerth, Bavaria; ed.: Jew. Sch., Fuerth; Yeshiva & Realgymn., Nurenberg; Erlangen U.; Leipzig U., Dr. of Law (summa cum laude), 30; m. Ruby Braude; 2 s.: Bernard, Andrew J.; contrib. to journs & newspapers, maily in field of Jew. ed.

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BRAUDE, Max A.; executive; Dir. Gen., World ORT Union; b. in Harmony, Pa., USA, 26.9.1913; educ.: U. of Pittsburgh, Hebrew Theolog. Coll.; m.: Naomi Shulman Barry, 1968; mbr, Rabbinical Council of Am; U.I.A., Switzerland; hon. mbr, Brd of Gvrnrs, Hebrew U.; mbr, Natl Conf. of Jew. Comm. Serv.; Secr., Intl Council on Jew. Soc. & Wlf Services; brd of trustees, Memorial Fndn f. Jewish Culture; p. Registrar, H. T. Coll., Chicago, 33-41; Chaplain (Lt. Co.) US Army, 41-47; Chief of Operations, Intl Refugee Org., Germany. 47-51; Dir., ORT, 51-56; Chmn, Comm. of Econ. Developm., Intl C. of Voluntary Agencies, 65-68; Chmn Exec. C'tee IOS Fndn, 67-68; Dir. Gen. WOU, 56 todate; recip. French Milit. Dec., Hagannah Ribbon.

Geneva, Switzerland.

BRAUN, Karl; Professor of Med., Hebr. U. Hadassah Med. School; head, Cardiovascular Unit, Hadassah Hosp.; p. Chmn, Isr. Heart Society; b. Austria, 1912; educ.: Graz U.; to Israel, 1938; research articles on heart diseases; mbr. edit. brd. "American Journal of Cardiology", "Am. Heart Journal"; chmn, Educ. C'tee Asia-Pacific of Cardiology; Pres. Israel-Austria Friendship League.

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BRAUN, Yehezkel; composer; snr teacher, Tel Aviv U. Music Acad.; b. Germany, 18.1.1922; to Israel, 1924; ed.: "Herzlia", T.A.; Kibbutzim Smnry; Isr. Music Acad.; Tel-Aviv U., B.A.; m. 1948; 3 ch.; mbr: Rep. C'tee, IBS; Mng. C'tee, Isr. Conserv.; Pbl. C'tee f. Culture & Art, Min. of Educ.; compositions: "A Song of Strings"; "Dance Symphony"; Concerto f. Flute & Orch.; "Meghilat Ruth"; "Flat to Rent", story by Lea Goldberg; chmb. music: Piano Sonata; choir songs; music f. the stage, ballet & films; Shabat Evening Prayer (spec. assgn. f. the 100th Jubilee of B'nai Yeshurun Syn., Cleveland, 66).

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BRAUNSTEIN, Arie; Prof., Tekn. Dr.; chmn, Dpt. of Power Engineering, Sch. of Eng., Tel-Aviv U.; b. 20.1.1934, Tel-Aviv; ed.: Reali HS, Haifa; Technion Haifa; Chalmers U. of Techn., Gothenburg, Sweden; m.: Ronnie Zagagi; 2 s.; p. Prof., Royal Inst. of Techn., Stackholm; Docent, Chalmers U. of Techn., Gothenburg; snr mbr, IEEE; mbr: SER, AEA Israel; publ. several books & papers on techn. subjects; lctrs in various countries.

Dpt. of Power Engineering, School of Eng., Tel-Aviv University.

BRAV, Stanley R.; Rabbi, Dr. of Div. hon. c.; brd. mbr, Jew. Peace Fllwship, 41-; Treas., Centr. Conf. of Am. Rabbis; b. 22.11.1908; educ.: Gratz Coll., Phila.; Centr. H.S.; U. of Cincinnati (B.A., M.A.); Webster U. (Ph.D.); H.U.C. (B.M., ord. Rabbi, 34); m.: Ruth Englander; ch.: Harriet Baum, Suzanne Waltzer, Judith Sher, Henry B.; fndg Rabbi, Temple Sholom, Cincinnati; Commissioner, Inter-Professional Comm. on Marriage and Divorce Laws; Pres., Alumni Assn. of H.U.C., 59-60; chmn, Miss. Conf. of B.B., 40; Pres., Miss. Soc. Hyg. Assn, 47-48; Pres., Cincinnati Soc. Health Scty, 64-66; chmn, C'tee on Marriage, Family & Home of CCAR, 40-46; recip. plaque f. helping Isr. attain a high deg. of econ. progress, 61; books on Jew. fam. life; articles in Jew. & social. journals; Jew. team-mbr on TV program „Dialogue" WKRC, 65-; to Isr.: 30, 59, 70.

Cincinnati, O., USA.

BRAVERMAN, Libbie L.; educ. cnslt; Hon. mbr, Brd. Hadassah & brd mbr, Technion Wmn's Assn., Cleveland; b. 20.12.1900, Boston; educ.: Western Reserve U. (B.S.); post-grad. stud.: Harvard U., Pittsburgh U., Cleveland Art Sch.; Secr., Cleveland Bureau Jew. Educ.; Brd. of Gvnrs, Coll. Jew. Studies; brd. mbr, Cleveland Community Center; p. V.P. Natl Cl. Jew. Educ.;

fcty mbr, Coll. Jew. Studies; p. Educ. Dir., Fairmount Temple; p head cnslr: Camp Tabor, Camp Carmelia; lctr. in syngs, to Jew. teachers & Christian youth; auth.: books about Isr. f. Am. children; awards from: Isr. Bonds, Fairmount Temple, State of Ohio.
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BRAWER, Moshe; Prof. (Geogr.), Ph.D.; Journalist; Head Dpt of Geography, Tel-Aviv U.; editorial staff, "Hatzofe"; b. Vienna, 3.11.1919; m. Rina Arison; 3 d.; 1 s.: ed.: Mizrahi Teachers' College, Jerusalem; Kings College, London; Jerusalem and London U.; to Israel, 1920; author of atlases and maps.
29, 101 St., Ramat Chen, Tel. 746049.

BRAZ, Isaac; LL.B., LL.M. (Lond.), Barr. at-Law, Adv. & Notary; b. 8.8.26 in Tel-Aviv; Ed.: London U.; Mbr. Bar Ass'n., Grt. Britain & Isr.; m. Rena Segal; ch. Shifra, Rivka, Aharon, Josepha; Mbr. Exec. Bar Ass'n., T.A. Region; Pres. Liberal Party, Petah T. & Mbr. of its Central C'tee; Mbr., High Court of Sport Org. in Isr. & Maccabi Central C'tee; Pres., Comm. for Popular Sports.
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BRECHER, Michael; Visit. Prof. of Intl Relat., H.U. Jer.; Prof. of Pol. Sci., McGill U.; b. 14.3.1925, Montreal, Canada; to Israel, 1969; ed.: McGill U., B.A., 46; Yale U. (Intl Relat.) — M.A., 46; Ph.D., 53; m.: Eva Danon; ch.: Leora, Diane, Seegla; Pres., Shastri Indo-Canadian Inst., 69-70; mbr: Acad. C'tee, Truman Res. Inst., Mnt Scopus, Jer.; edit. brd, Sage Intl Yearbook of Frgn Pol. Studies; overseas advis., edit. brd, South Asia, Australia; publ.: The Foreign Policy System of Israel, 72; Decisions in Israel's Foreign Policy, 74; eight books publ., a ninth in prep., on frgn pol. of India; about 30 articles in scholar. journals; field of scholastic res. decision-making in frgn pol., India & the Third World, Isr. frgn pol. & intl relat. & comparative politics; recip. Watumull Prize of Am. Histor. Assn (f. Nehru: A Political Biography), 60.
3 Alharizi St., Rehavia, Jerusalem.

BREITBARTH, Yochanan; Doct. of Law; General Manager, Citrus & Canned Products Assoc., 47-; b. Petrokowica, CSR, 19.8.1909; m.; 1 s.; 1 d.; educ.: U. of Prague; U. of Commerce, Vienna; to Israel, 1939; senior officer, Wartime Supply Dpt., Palestine Govt, 1947.
24, Joseph Zvi St., Tel Ganim, Ramat Gan.

BRENDA (BRODY), Gustan; business woman, jewellery; b. April 1909, Russia; to Canada as a child, w. parents; settled in Israel, 1959; ed.: Banff Alberta Art School; married; mbr: Wizo, B'nai B'rith; Canada Fundraiser; lctr on antiques & art; connoisseur of antiques & art; traveller; collector of antiques.
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BRENER, Mila; dir. of companies; Master-Mariner; dep. chmn, mng. dir. & pres. of "Maritime Fruit Carriers Co."; Sea-Captain (rank of Sgan-Aluf, res.); b. 25.6.1921, in U.S.S.R.; educ.: London U., Soutahmpton College & U., economic & maritime subjects; m. Michal Dounie; 2 s.: Abner, Dan; mbr "Hagannah", 1937; after nautical training school in United Kingdom; service with British Navy & Mercantile Marine, 39-45; prom. to officers rank, 41 (at age of 20); particip. in naval military campaigns in Atlantic-Mediterranean & Indian Ocean (incl. Battle of the Atlantic & the invasion campaigns of Europe, 1944); 1948, during war of indep., commanded an Israeli warship, & with Israeli Navy, -54; commanded Israeli Cargo & Passenger ships, 54-57; founder of various shipping, fishing enterprises (in partnership w. Yaacov Meridor M.K.), e.g., Atlantic Fisheries Co., Maritime Oil Carriers Co., etc.; contributor to intl econ. & maritime press on related topics.
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BRESLAU, Isadore; lawyer; member of the UJA Executive Committee, Board of Directors of the United Israel Appeal; has served as President of the UJA of Greater Washington and as head of its fund-raising campaigns; currently a ranking member its Executive Committee; served as President of the Jewish Community Council of Greater Washington; received a rabbinical degree as well as the M.H.L. of Hebrew Union College; was formerly Executive Director of the Zionist Corporation of America, was a delegate to numerous World Zionist Congresses.
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BRESLAU, Joel S.; member of the Young Leadership Cabinet Executive Committee and Chairman of the Fund Raising Committee of the Cabinet; is a Trustee of the United Israel Appeal, Inc, and he founded the Young Leadership Program in the UJA of Greater Washington, where he is currently UJA Vice-President and Campaign Co-Chairman; he is on the Executive Boards of the Jewish Social Service Agency & Jewish Community Council; a graduate of Cornell where he majored in Government, Mr. Breslau is a partner and a general manager of the Mill End Shops in Washington.
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BREUER, Eli; Assoc. Prof. of Pharm. Chem., H.U. Jer.; b. 1932, Szombathely, Hungary; to Israel, 1949; ed.: H.U. Jer. — M.Sc., 57; Ph.D., 62; m.: Aviva Taube; mbr, Isr. Chem. Scty; 34 publ. in sci. lit.
3 Mevo Zalmonah, Jerusalem.

BREUER, Shlomo; Dr.; Assoc. Prof. of Applied Math., Tel-Aviv U., 66-; b. Karlsruhe/Baden, Germany, 9.7.1931; to Israel, 1934; ed.: Horeb elem. sch., Jer.; C.C.N.Y., math., B.Sc. 58; Brown U., Providence, R.I. (appl. math.), M.Sc. 60, Ph.D. 63; m. Sophie Breuer, 1955; ch.: Naomi,

Michal, Joshua; visit. lctrs at Weizmann Inst.; Brown, N.Y., Rhode Island & Northeast. U-ies in USA; Senior Staff Sci., Dpt. of Math., AVCO Corp., Wilmington, Mass. USA, 63-66; papers in the general areas of Elasticity, Viscoelasticity & Differential Equations, publ. in spec. periodicals.

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BREVIS, Harry J.; Rabbi, D.D.; retired; mbr Brd of Trustees: Buffalo Bur. of Jew. Ed.; Buffalo Jew. Fed.; Jew. Braille Inst. of Am.; Keren Or in L.A. (Jew. Inst. f. the Blind in Jer); b. 9.3.1898, Kochanovka, Russia; in USA, 1911-; ed.: U. of Mich., B.A., 23; Detroit Coll. of Law, LLB, 29; Columbia U., M.A., 32; ordained Rabbi, M.H.L., Jew. Inst. of Relig., 29; hon. D.D., HUC-JIR, 59; m.: Anna Bear; spiritual leader of Temple Beth-El, Batavia, N.Y., 42-62; chaplain: Attica State Prison, 45-62; Veteran's Hosp., Buffalo N.Y., 52-62; lctr: U. of Buffalo; Calif. Sch., HUC, 63-66; p. Pres.: "Youth of Zion", Detroit; Buffalo Distr., ZOA; p. mbr, Zion. Reg. Brd, L.A.; devel. Heb. Braille Code, 33; author: "Hebrew Braille Chrestomathy", 35; "The Anthology of Hebrew Literature", 66; articles on the Blind & other subjects in: Atlantic Monthly, Pastoral Psychology, Social Forces, Am. Jew. Archives, etc.; "Or Ivri La'ivrim", Am Vasefer, 71.

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BRICHTO, Sidney; Rabbi; Exec. Vice-Pres. & Dir., Un. of Liberal & Progress. Syn.; Dep. Chmn, Young Leadership, J.I.A.; Chmn, Rabbin. Confer.; Vice-Chmn, Brit. Sctn of W.J.C.; Chmn, Progress. Jewish Students Comm.; mbr: Brd of Dep. of Brit. Jews; Ed. C'tee of Brd of Dep.; Cl. of Leo Baeck Coll.; b. 21.7.1936, Philadelphia USA; ed.: Akiba Heb. Acad., Phila.; Talmud. Acad., Yeshiva I Elchanan, N.Y.; New-York U.; H.U.C. Jew. Inst. of Relig.; M.A.; Phi Beta Kappa; m. Cathryn Goldhill; d. Anne; s. Daniel; p. Assoc. Rabbi, Lib. Jew. Syn., St. Johns Wood, London; p. co-edit., Pointer Quarterly.

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BRIN, Herbert H.; editor, poet; publ. "Heritage", Jew. newspaper of Cal., 54-; b. Chicago Ill., USA, 17.2.1915; ed.: Crane Jr. Coll., De Paul U., U. of Chicago; m. Minna Burman; s.: Jesse, Stanley, David, Daniel; City News Bureau, Chicago rep., 39-42; U.S. Army, 43-46; Los Angeles Times — Feature writer, 47-54; reg. brd: Jew. Wlf. Brd, A.J.C.; brd mbr: Beth Jacob Cngrn, Beverly Hills; mbr: Farband, A.J.C., Jew. War Vet.; author of 3 vols. of poetry: "Wild Flowers" 65, "Justice, Justice" 67, "Conflicts" 71; poems included in numerous anthologies; honors: Sigma Delta Chi f. journalism excellence; Cal. Newspaper Publ. Assn, f. best news story; Midwest Writers Conference Award; ADL Communications Award, 71.

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BRIN, Jacob; Pres. Super-Sol; Pres. Canada-Israel Investment (founded by Samuel Bronfman); Chmn: International Distillers Israel (Producer of "Sabra"); mbr. Brd of Dirs & Exec. C'tee, Israel Corpor.; to Israel, 1934 (from Belgium); ed.: Institut de Beaux Arts, Antwerp; m. Mina Spector; d. Ariela; Mng. Dir., Tiberias Hot Springs & Dev. Coy., 35-48; Gen. Secr., Min of Commerce & Industry, 48-50; Econ. Counsellor, Isr. Embassy, London, 50-53; Vice Pres., Husky International; in charge of petroleum explorations in Israel & Turkey, 53-59; repres. of Bronfman family (Montreal) in Israel Museum.

Jerusalem.

BRODAY, (Brody), Mordechai; B. A. (Econ.); economist; Reinsurance Manager, Migdal-Binyan Insurance, Ltd.; b. Uzhorod (C.S.R.), Sept. 3, 1929, m. Martha Weiss; educ.: Hebrew U.; p. head, Investment Section, Foreign Exchange Dpt., Ministry of Finance.

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BROIDO, Louis; Chairman, Joint Distribution Committee, 65-; former Commissioner of Commerce and Industrial Development f. N.Y.C.; member of the Executive Committee of the National UJA; Pres. UJA of Greater New York, 51, 52; former Exec. Vice-Pres. of Gimbel Brothers and later Chairman of the firm's Advisory Committee; was Chairman of the Retail Drygoods Association of New York; Board member of the city's Better Business Bureau; was member of the Charter Revision Committee which revised the New York City Charter in 1961; Chmn of the committee appointed by the City Council to study the economy of the City; was for many years a member of the Board of Trustees of the New York City Community College and Applied Arts and Science and served as Chairman of this Board before it became part of the City University; in France during World War I was decorated by the French government with the Legion of Honor; after the Armistice, as a negotiator for the U.S. Liquidation Commission, he wrote the contracts that settled the claims between the USA and France and Italy; appointed as Commissioner of Commerce, 61; Pres. of the New York City Industrial Development Corporation; has been a Vice-Chairman of the Union of American Hebrew Congregations; member of the Board of Trustees of Temple Emanu-El in New York.

New York, USA.

BRONFMAN, Allan; industrialist, communal leader; Natl Pres., Can. Friends of HU Jer., 44-; mbr Brd of Gvnrs, HU, 50- (Dep. Chmn, 55); mbr Cl. & Natl Exec., Z.O. Can.; mbr Brd of Dirs, JNF Can.; hon. vice-pres. & mbr Natl Exec., Can. JC; b. 21.12.1895, Brandon, Manitoba; ed.: U. of Manitoba, B.A., 15; LL.B., 19; hon. LLD, 67; hon. PhD, HU Jer., 57; m.: Lucy Bilsky; 2 s.: Edward, Peter; d.: Mona Sheckman (dec.); vice-pres. & dir.: Distilers Corp.

Seagrams Ltd, Montreal; Distilers, Montreal; Calvert of Can. Ltd.; dir., Joseph Seagram & Sons, Waterloo, Ont.; private law practice, 19-24; pres., J. Orphanage & Children's Aid, W. Can., 21-24; Fed. of J. Cmmy Serv., Montreal: mbr of Exec. C'tee & Brd of Trustees, 25; vice-chmn, 27; chmn, 28-31; 1st Pres., J. Gen. Hosp., Montreal, (Hon. Pres., 55-); headed 1st Combined Jew. Appeal Campaign, Montreal, 41; natl chmn: Herzl 50th Year Commencement; f. Can., Isr. 10th Anniversaly Celeb., 58-59; gen. chmn, Combined J. Appeal & Isr. Wlfr Emerg. Campaign, 68; mbr: Brd of Dirs., JNF Can.; Natl Exec., United J. Relief Agcs; Natl Cl., Am. JDC; Brd of Trustees: Encyc. Judaica Res. Fndn; Natl Museum of Canada; G. Williams U.; fllw, Royal Scty of Arts; Hon. Vice-Pres., Quebec Cl., Boy Scouts; Hon. Chmn: J. People's Sch. Annual Concert; Hon. Pres., J. Music Cl., Montreal; dir.: Assn f. Paraplegics; Montreal Festivals; Montreal Opera; recip.: Chevalier, Legion of Honor, French Gvt, 48; Grand Cross del Merito of Order of Malta, 49; Humanitarian Award, Can. B'nai B'rith, 58; Isr. Bond Man of the Year, 68.

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BRONFMAN, Isaac; dipl. agronom.; publisher, distributor; Mng. Gen. Owner, Bronfman's Agency Ltd.; b. 24.11.1902 in Kalarash, Russia; educ.: Hamburg and Bonn, U. (Philosophy); Landwirtschaftliche Hochscule, Berlin; to Israel: 1933; m.: Sarah Feinstein; articles in professional papers; 67-, co-mng., Bronfman-Cohen Publishers Ltd.

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BRONICKY, Yehuda; Pres. & Techn. Dir., Ormat Turbines Ltd., 64-; b. 23.9. 1934; to Israel, 1958; ed.: Ecole Nationale Supérieure d'Ingénieurs, Arts & Métiers; Faculté des Sciences, U. Paris; Conservatoire National des Arts et Métiers, Paris; m. 1961; p., w. Centre d'Etudes Nucléaires, France; do., Natl Physical Lab., Jerusalem; founded Ormat Turbines Ltd., 61; initiated start up of Beth Shemesh Engines project, as well as Misco Beth Shemesh Ltd., 67; mbr: ENIAM France, Société des Ingénieurs Civils France, S. A.E., I.E.E.E., A.S.M.E., ASHRAE; various sci. & techn. publications on power units, turbines; holds a number of patents in the field of turbomachinery & electrical generators.

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BRONNER, Joseph; Rabbi; licensed diamond manufacturer; Vice-Chmn, Sth. African Zion. Fed.; Chmn Mizrachi Org., S.A.; Pres., Yeshiva Coll., S.A.; b. 10.8.1923, Berlin; ed.: Rabbinical Acad., Brooklyn, N.Y.; m.: Ilona Amsel; 2 daughters & 1 son; Vice-Chmn (p. Chmn), Diamond Club of South Africa.

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BROOK, Benjamin N.; soc. work., educator; exec. V.P., Tucson Jew. Community Cl.; mbr, Cl. of Jew. Feds; b. 31.1.1913, N.Y.C.; educ.: N.Y. U. (A.B.), Columbia U. (MSW), U. of Arizona (Ed.D.); m.: Elizabeth Berg; 2 s.: Robert, Mark; lctr, publ. admin., U. of Arizona; Asst. Prof. sociology, UCLA; Country Dir. (Italy) JDC; Pres. Conf. Soc. Welf., Arizona; Referee Pima Cnty Juvenile Court.; mbr.: Acad. of Polit. Sci., Acad. Certif. Soc. Wrkrs, Natl Confer. of Jew. Commun. Wrkrs; Natl. Assn of Jew. Comty Org. Personnel.

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BROOKES, Reuben Solomon; Rev.; min. & dir. of educ., 50-; Chmn, Zion. Cl., Birmingham; pres., B'nai B'rith; Young Isr. Scties, B'ham; b. 8.7.1914, Buenos-Aires, Argentine; ed.: Talmud. Coll., Manchester; Theol. Coll., Liverpool; B'ham U. (dipl. of theol.); U. of London; m.: Blanche Ackerman; d.: Eta Stirzaker; assist, min., Kovno Syn., Manchester, 37-39; Southport Heb. Cngrn, 39-50; chaplain: B'ham U.; officiating to the Forces; H.M. Prison, Winson Green; assist. master, King George Gram. Sch., Southport, 40-49; chmn, B'ham Cl. of Jew. Youth, 50-65 ;p. chmn, Inst. of Rel. & Med.; flw: Royal Scty of Arts; Philos. Scty of England, Royal Asiatic Scty; mbr: Scty of Old Testament Study; Intl Cngrs of Orientalists; Assn of British Orientalists; Royal Scty of Lit.; B'ham Youth Cl.; vice-pres., British-Soviet Friendship Scty; publ.: Dictionary of Judaism; A Guide to Jewish Knowledge (joint); A Guide to Jewish Names (joint); The Work of David Kimhi; Main Events & Personalities in Jewish History; The Golden Age in Spain; recip.: Waley Cohen Travelling scholarship, 68.

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BROWDE, Ian; B.A. (Political Science); resident, Kibbutz Yizre'el, 71-; b. Johannesburg, S.A., 13.4.1949; to Israel, 1971; ed.: Sandrigham Primary Sch.; King David H.S.; Witwatersrand U., Johannesburg; mbr., S. A. Zion. Youth Council; Head, Ichud Habonim Youth Camp, 70/71; repr., S.A.Zion. Youth & Ichud Habonim (S.A.), to the A.C., W. Z.O., 70; p. Gen. Secr., Ichud Habonim.

Kibbutz Yizre'el.

BROWN, Gordon; realtor, 35-; Pres., U.I.A. of Canada (p. Vice-Pres.); Chmn, Montreal U.J.A.; mbr: Natl. Exec., Federated Zion. Org. of Canada; Brd of Govnrs, J.A.; b. Russia, 1908; m. Frank, 1957; 1 s.; 2 d.; p. Chmn, Combined Jewish Appeal, Montreal; p. Pres., Allied Jewish Community Serv. of Montreal.
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BROWN, Nathan; educator; Ph.D.; Pres., Am. C'tee f. Israel's College of Fashion & Textiles; Dir., Ethical Cult. Sch., N.Y.C.; b. 24.11.1912, Czechoslovakia; educ.: City Coll. N.Y., B.S.S., 34; M.S., 35; N.Y.U., Ph. D., 54; m.: Marie Shapim, ch.: Dr. Walter B., Susan; p. Pres., Shenkar Coll. of Fasrion & Textile Technol., Israel; Exec. Deputy Superintend. of Schools f. N.Y.C.; p. V.P. Jew. Teach. Commun. Chest; p. Pres.: Camp Madison Felicia; Genesis Heb. Center; Advis. Brds.: ASPIRA (Help f. Puerto Rican Youth); Assn f. Help to Retarded Child.; Am. Chinuch Scholarship f. Irs. Fndn; Coll. & Career Cnslts; Youth & Work Program of vocat. advis. serv.; League f. Parent. Educ.; cnslt. to US Commiss. of Educ. & US Dept. of Health Educ. & Welf.; fllw, Am. Orthopsychiatric Assn; publ. books & articles on educ. & soc. studies.
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BRUM, Avraham; Dir. Gen., Ministry of Agric., 69-; farmer, mbr of Kibbutz Shefayim; b. Poland, 14.9.1910; to Israel, 1939; ed.: elementary & courses at the Ruppin Adult Agr. Educational I.; m. Sara Furman; s. Yoav; mbr of brds of: Merkaz Hachaklai, The Agricultural Bank, Bank Yaad, Mekoroth Water Co., Inst. f. Developing Countries, Water Desalination C'tee, Water Commission, etc.; chmn of the various Agric. Production Brds, f.: cotton, vegetables, wine & graps; Chmn, Crop Losses Fund; in his own kibbutz, p. secr., treas. & farm mng.; p. Assist. Dir. Gen., Min. of Agr.; initiated, the Supervised Farm-Credit System.
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BRUTZKUS, Eliezer; Dipl. Eng.; Town Planner; Dpt Dir, Natl Planning, Min. of Interior; b. 19.1.07, in St. Petersburg; educ.: Tech. Univ., Munich & Berlin; m. Menucha Itman, 1935; ch.: Tamar (Stern), Irith; to Israel, 33; p. arch. in private practice, 37-48; City Eng., Bnei-Beraq, 39-48; Res. (Housing) Eng. Assn, 42-45; Dir., Div. f. Surveys & Research, Phys. Planning Dpt, P.M.'s Office, later Ministry of Interior, 48- & Dep. Dir., 53-; snr lctr, reg. plann., Technion; UN fllwship, in France & North Africa, 51/52; contributed substantially to initiation of regional planning & to policy of population dispersal & landscape protection; publ. articles & books in this field.
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BUCHMAN, Nachum; actor; b. Kiev (Russia), 1917; m. Educ.: drama schools; to Israel, 1926; Mbr of "Habimah", 1944; Gnessin Prize, 1955.
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BUCHWEITZ, Menachem; Dr. Jur.; Judge; edit., "Moreshet" publ. by B'nai B'rith; Pres., Lodge of Free Masons "Rambam"; b. Poland, 29.8.1910; m. Zissa Cohen; 1 d., educ.: Cracov U. Vice-Pres., Grand Lodge Bnai Brith, Israel; to Israel, 1944; Sctry Gen., Ministry of War, Relief, 48-49; Chief-Asst., Gen. Sctry, Prime Minister's Office, 49-51; public prosecutor, Shfela and Central Districts, 52-58; author of "Mandat Ligi Narodow nad Palestina"; "Local Govt. in Israel"; "Planning & Building in Israel" (Hebrew).

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BUKOFZER, Zvi; free-lance arch., 59-; b. Berlin, 7.11.1926; to Israel, 1937; ed.: Syracuze U., N.Y.; m.: Ilana Driks, 1962; Secr., Natl Assoc. of Interior Architects, Israel; p. Snr Arch., various architect's offices, 53-59; mbr: Assoc. of Engs & Archits, Israel; Isr. Architects' Circle; designed public buildings, schools, recreation & sport buildings, apartment buildings, vilas, etc., 59-; First Prize, architectural competition, Municipality & Civic Centre in Petah-Tikva.

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BUNIM, Shmuel; director, Cameri Theater; b. Saratov, June 3, 1919; m. Berenika Gurari; 3 d., educ.: Mikve Israel Agricultural School; Old Vic, London; to Israel, 1936; directed military & various other theatrical ensembles: Batzal Yarok, The Hammam Theater, etc.; plays by Shakespeare, Gogol, Moliere, etc., at the "Cameri" Theater.

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BURAS, Nathan; Prof. of Eng., Technion Haifa, 62-; cnslt, Intl Bank f. Reconstruction & Devel. (World Bank), 72-; chmn: Intl working group on water resources systems; Isr. Assn of Water Engs.; b. 23.8.1921, Barlad, Rumania; to Israel, 1938; ed.: U. of Calif., Berkeley, USA - B.Sc. (highest honors in agric.), 49; Technion Haifa, M.Sc., 58; U. of Calif., Los Angeles, Ph.D., 62; m.: Netty Stivel; s.: Nir Hayim; distr. eng., Tahal, 54-57; chmn, employees cl. Tahal, 56-57; res. eng., UCLA, 57-62; cnslt to Tahal (Natl Water Plan), 62-65; publ.: Scientific Allocation of Water Resources, Elsevier, N.Y., 72; over sixty sci. papers, reports & articles; Lauréat du Congrés, 6th Intl Congress of Agric. Eng., Lausanne, Switzerland, 64.

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BURG, Salomon Josef; Ph.D.; M.K. (Natl Religious Pty); Min. of the Interior, 70-; b. Dresden, 31,1.1909; m. Rivka Slonim; 2 d.; 1 s.; educ.: Berlin & Leipzig U.; Rabbinical Smnry, Berlin; exec. mbr. of Mizrahi, Young Mizrahi & other orgs.; co-editor, Mizrahi journal, "Zion"; mbr, Wld Zionist Council, 39-51; repres.. Mizrahi, Hapoel Hamizrahi, Geneva, 40; to Israel, 1940; teacher, Herzlia College, 41-46; missions to Europe f. rescue & education, 46-49; 1st Dep-Speaker; during second Knesset, app. Minister of Health; Minister of Posts, 52-58; Min of Soc. Welfare, 59-70.

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BURKE, Allan; Eng., org. exec.; Gen. Secr., Anglo-Isr. Chmbr of Commerce, 53-; editor, Anglo-Israel Trade Journal, 57-; b. 7.12.1914, Manchester; ed.: Manchester U.; FCCS, Corp of Secys, London; m.: Molly Aizec; d.: Maureen Freedman; p. produc. dir., family bus.; Lt cdr, Royal Navy, 36-46; volunteer, Isr. War of Independence, 48, cdr, chief naval operations, insp. gen.; only volunteer from abroad in command of a man-of-war in a frgn navy; only non-Isr. appd to command of Israeli maj. war vessel; recip.: stars: Atlantic, Afr., It., Fr., Ger., 39; War Service Medal; Isr. decorations: Medal of Independence; Freedom Fighters Medal.

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BURSON, Josephine; Mbr, Natl Board, Hadassa, 56- (Natl Vice-Pres, 62-64); b. Memphis, Tennesee, USA, 23.12.1915; ed.: Memphis State U.; m.: Leo Burson, 1939; Ch.: Mrs. H. Kirke Lewis; Charles; p.: Pres. Southern Reg., Pres. Memphis Chapter, Mbr Natl Service Comm.; participated, Hadassa leadership tour of Israel, 59; mbr: Natl Org. C'tee, Natl Zionist Affairs Comm.; deleg., 25, 26, 27, 28th WZC, Jer.; Dep. Mbr., Actions C'tee; Pres., Jewish Community Relations Council, Memphis, 63-67; co-organizer, 58; Chmn, Women's Div. UJA, 50; Chmn, Natl. Constitution C'tee, Hadassah; mbr, Gvnrs' Cabinet, State of Tennessee & Commissioner Employment Security, 67-71; Chairman, Go-

vernors Commission, Status of Women; Vice-Pres., Interstate Conf. on Employment Security Administrators.

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BURSTEIN-LANDMAN, Ada; English teacher; Pres. WIZO, Peru; mbr: Zion. Fed.; Peruvian Assn; b. April 1928, Lima; ed.: Maria Alvarado Sch.; m.: Manuel Bur stein (local Zion. leader); 4 child.; p. active: Leon Pinelo Sch.; Publ. Works, Lima; contrib. to: Magbit, new Aviv groups f. WIZO, cancer campaign Peru; deleg. Lat. Am. WIZO congress, Mexico; WIZO Jubilee 1970, Israel; recip.: Jerusalem Medal by Mayor T. Kollek, 1970; spec. citation f. 6 days war.

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BUTSCHOWITZ, Pinchas; sculptor, painter, teacher; b. Vienna, 24.10.1922; to Israel, 1939; ed.: H.S., Vienna; vocational H.S., "Jagur", Israel; studied with: Prof. Enstorfer, Vienna; Arie Arnon, Dov Feigin, Perli Pelzig, Lea Grundig; m.: Miriam Landauer, 1944; d.: Roni, Gilah; s.: Yotam; exhibs: of rural settlements, Givat Chaim, Naan; Sculptures & Painters Assoc., Artists of Kibbutz Hameuchad, Art Festival of Israel Artists; miniature paintings, etc.; one-man shows: Givat-Chaim, 58,64; 12 tabletts (relief) for Temple "Chibat Zion"; "Sitting Women" (stone), Givat Chaim; works sold in Israel, USA, Sweden, South-Africa, etc.; mbr: Isr. Painters Assn; Isr. Rural Painters Assn.

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BYTINSKI-SALZ, Hanan; F.R.E.S.; Ph.D.; Prof. of Zoology, Tel-Aviv U.; Editor, Israel Journal of Entomology; mbr, edit. brd, Israel Journal of Zoology; b. Karlsruhe, June 24, 1903; m. Paula Lipschuetz; 1 d.; educ.: Berlin and Freiburg U.; research fellow, Yale U.; Assist, German-Italian Inst., Istria, 1931-39; senior entomologist (Dpt. of Plant Protection), later head, Plant Quarantine Serv., Min. of Agric., 48-59; author of numerous scientific publications.

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Department of Chemistry, Technion, Haifa.

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(Soc.), U. of Cambridge (Criminology); m.: Myrna Landau, 20.8.1959; 2 s.; Dir., Hillel House Residence & Soc. Centre for Jewish students; Mgr., Approved School for Boys, Sussex; p. teaching & research at U. of Cambridge and Bristol (63-68); Minister Nairobi Hebrew Congreg. (59-63); Pres., Child Welfare Soc. Kenya; UN cslt on women in Africa; publ.: The Jews of Nairobi, 1903-1962; Juvenile Prost. in Nairobi; The Future of Youth Aliah; Caring f. Children In Trouble.

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CARMEL, Moshe; M.K.; p. Min. of Transport -69; leader, Hakibbutz Hameuchad; b. in Poland, 1911; to Israel, 1924 (with parents); worked as printer, rose through the ranks of the trade unions mov. (Histadrut); Joined Kibbutz Naan, 1937; studied at the Hebrew U. (history & philosophy), continued studies at I. of Political Sciences, Paris; active leader Hagannah, Palmach, joined IDF(to rank of Brigadier General, in charge of Haifa defence (1948); chmn, Brd of Dirs, EL AL; leader in the Labour Pty; publ. "Within the Walls" (notes from prison); "The Northern Campaigns" (on IDF operations on the northern fronts).

Kibbutz Naan, tel. 961238 (Ramla).

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CARMI, Ady; adv.; journalist; M. Jur., Hebrew U.; b. in Roumania, 4.3.1933; to Israel, 1950; m.: Licu; ch.: Michael, David; p. Scr. Gen., HOR; p. chief editor, Roumanian language dpt., IBS; contrib. to "Viața Noastră" (Tel Aviv Roum. language daily), "Facla" (Israeli Roum. weekly; also to "L'Information d'Israel", "Diplomatic Observer", etc.; presently, self-employed legal office, Jerusalem, 23 Hillel St., tel, 224391.

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CAROLY, Felix; writer, actor, stage director; born in Jasi, Rumania, 3.3.1933; education: Inst. for Drama and Cine Arts "Caragiale", -52; m.: Dr. Med. Ana Maria; p. activ. w. Rum. Natl Theatre, Youth Theatre, etc.; T.V. & brdcast. features; in Israel: T.V., "Tzavta" Theatre & other stages; colab.: "Revista Mea", "Menorah", etc.; performed in over 50 plays of the great clas. rep. in Rumania, founded there the "Theater of Pantomime"; write play "With the Head in the Clouds"; poetry vols: "Homesikness", 71; "Golem", 72; "Meteors", 73; now perform., Teatron Kiss, T.A.; publ. short stories in Rum. & Hebr.; appear. on Isr. T.V. in pantom.; received awards for directing, as well as performances (e.g. as Peter, in "Ana Frank"); directed and performed in pantom. shows f. T.V., etc.

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CARR, Maurice; Editor, "Israel Magazine" (published by Spotlight Publications Ltd.); b.: 11.5.13, Antwerp; m.: Lola Fuchs (artist); ch.: Hazel (actress); to England, 1914; English writer; publ. short stories, a novel "The House of Napolitano" (Rich & Cowan); edit. "Jewish Short Stories of Today" (Faber & Faber); entered British journalism, 1939; 1945, to Paris, as feature-writer for Reuter's Paris corresp. f. The Jerusalem Post, Haaretz, Davar; Israel citizen, 1959-.

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CARTER, Victor M., Sir; Indust., Philanthropist; b. in Rostov, Russia, 21.8.1910; m.: Adrea Zucker; daugh., Fanya; p. founder, 1937, steel windows manufac & distrib., established, post world war 2, building materials manuf., engineering plant & hardware store; p. chmn & mbr brd dirs, Republic Pictures, p. Chmn Brd of the Hollywood State Bank; mbr brd dirs, United California Bank; s. 1967, devoted to philantropic & civic interests, as pres., v.p., dir., or mbr exec c'tees of: Am Jew J.D.C. Inc.; Am. Ort Federation; Anti-Defamation League; Brandeis U.

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CEGLA, Rachel; artist; b. Germany; to Israel, 1933; ed.: Acad. of Arts, Hamburg; m. Juda Cegla; s. Dr. Uriel; d. Michal; one-man shows: Tel-Aviv, Jerusalem, New-York; partic.: gen. exhib. in T.A., group-shows in various places in Isr.; selected group-shows of Isr. Artists in Latin America, Switzerland, England; works acquired by private collectors & museums in Israel & abroad; mbr: Assn of Painters & Sculptors in Israel; Artists' Quarter, Safed.

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CEGLA, Wolf; Dr. Jur.; Mng. Dir., J. Cegla & Co. Ltd. & Olivex Oil Factory Ltd.; mbr. Exec., Manufacturers' Association; Exec., Israel Corporation Ltd.; mbr, Food C'tee of Jerusalem Economic Conference & Chmn of its Vocat. Training C'tee; mbr, Brd of Dirs., Isr. Petrochem. Enterprises Ltd.; p. Counselor, Rotary Intl f. Israel, Iran & Turkey; p. Governor, Rotary District, Israel; b. 24.6.1919; educ.: Intl Law in Germany, & at the Academy of Intl Law, The Hague; p. chmn Central Fodder Assn. (app. by Mandatory Govt.) 1942; author of treatises on Intl Law; "Palestine's Wartime Fodder Control Scheme"; m. Elga Cegla; chmn. "Alin", Israel Socty f. Crippled Children, Mossad Abrahams.

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CEYTLIN, Uri; Eng; Mech. Technology; Distr. Eng., Public Works Dpt., Haifa; b. 25.5.1915, Warsaw; educ.: Technion, Haifa, to Israel: 1934; m.: Ernestyna Hellreich; ch.: Ruth, Yonah; W/S. Lt. R.E.M.E., British Army, 39-46; Mech. Eng., Palestine Electric Corp. Ltd., Haifa, 46-48; Lt. Col. I.D.F., 48-62; Erection Eng., Israel Shipyards Ltd.; 62-64; publ.: Selection of Mechanical Equipment in Earthmoving; Development and Trends in Earthmoving Equipment; studies in military engineering; construction motorway: Hadera-Haifa; construction of New Rambam Hosp., Haifa; other constructions: Haifa South. Approach Interchange; Psychiatric Hosp., Tirat Hacarmel; New Hedera Hosp.

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(relig.) WZO, 51-; lctr, Heb. lit. Bar-Ilan U., 56-58 & lectr on ed., 68-; publ. 5 coll. of poetry, numerous works in literature, Bible commentary, literary teaching; a study on the Book of Ruth; editor, "Mayanot", periodical on education; p. mbr Natl Council of the Hashomer Hadati in Poland; mbr, exec. c'tee, Brith Ivrith Olamit; Tel Aviv Municipality prize study on Haredim & Masskilim in the 19th Century, Hebrew U. Prize f. study on Poetry of the Middle Ages, 1953; book: "Awnei Ha'Shoham By Shmuel Ben Yossef n' Sasson".

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CHAYEN, Israel; U.K. Consulting Chemical Eng.; mbr, Econ. Council for Israel, London; M.Sc., A.R.C.S., D.I.C., A.R.I.C., C. Eng., F.I. Chem. E.; b. London, 24.12. 1909; ed.: Imperial Coll., London; married Coralie Levy, 1936; 1 s., Michael; consultant in the field of natural products; inventor of a number of processes f. the manufacture of protein, oils, fats from animal & vegetable sources.

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CHAZAN, Jacob Arie; MK. (Mapam); farmer; political writer; mbr, Secret. Kibbutz Artzi; Exec. C'tee, General Federation of Labor; mbr., Zionist General Council; b. Brest Litovsk, April 10, 1899; m.; 3 d.; educ.: Technical Institute; founder, World Organization Hashomer Hatzair; to Israel, 1923; joined Hashomer Hatzair Kibbutz "B" (Mishmar Haemek), its member ever since; co-founder, Hashomer Hatzair in Israel; deleg. to Zionist Congresses, 28-; author of "Ha-Kohot be-Maavak", 43; publ.: on political subjects.

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CHELMINSKY, Abraham M.; civ. eng.; pres. 1968 of Keren Hayessod-UIA; b. in Tampico, Mexico, 8.6.26; M. Eng.; m.: Cecilia Rafalin; ch.: Heidi, Dania, Naomi; dep. mbr, exec. brd, Ashkenazzi Comm. (6 yrs); vice pres., brd of dirs, I. L. PERETZ Jew School; vice pres. TECHNION Socty in Mexico.

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CHERNI-WEINBERG, Elsa C.B.; Mng., Holyland Hotel, Jerusalem; b.: Leipzig, Germany; studies, Buenos Aires U., (literature), School of Journalism & Cornell University; to Israel, 1964; w. (the late Gregory Cherni); ch.: Hillel, Gabriella.

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CHINN, Roser; Pres., JNF of Great Br. & North. Ireland; Comp. Dir.; Chairm. Paramount Aid Soc.; J.P.; b. in Penrhiwceiber, 10.5.1906; m.: Sarah Feitelson; 3 s., Trevor, Geoffrey, Nicholas; Pres., Boys' Town, Jerusalem; Vice-Chairm., JPA; Gov., Carmel Coll.

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CHOMSKY, Dov; author and poet; Dir. Beit Hasofer (Authors' House), Tel-Aviv; b. Minsk (Russia), Oct. 15, 913; m. Inna Zaitzev; educ.: Teachers' College Jerusalem; Hebrew U.; to Israel, 1936; repres. Israel at Peace Congress, Wroclav, 1948: toured Latin America, behalf U.J.A., 50-51; author of "Vilaot", "Hahof Ha-Aher"; "Maftehoth Avudim"; "El Sham"; "Mishirey Hamidbar"; "Aley Derekh"; articles and poems in literary periodicals.

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CHOMSKY, William; Prof. of Heb. & Jew. Educ., Dropsie U.; D.H.L.; b. 15.1.1897, Russia; educ.: John Hopkins U. (B.A.), Pennsylvania U. (M.A.), Dropsie Coll. (Ph. D.); m.: Aliza Simonovsky (dec.); ch.: Noam, David; Edit. Brd.: "Shvilei Hahinuch", "Jewish Education"; Am. Acad. of Jew. Res.; Scty of Bibl. Lit.; Natl Cl. f. Jew. Educ.; Conf. of Jew. Soc. Studies; Histadruth Ivrit; Brith Ivr. Olamit; League f. Labor Isr.; Emeritus Prof. of Heb. & Jew Educ., Gratz Coll.; publ. books on teach. Heb.

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CHORIN, Jehuda; p. Chmn, C'tee & Adv. Board of Bank Israel; p. Gen. Mng. Yachin-Hakal (retired); b. Kolomeja, Poland, 7.1.1895; to Israel, 1895; m. Mathilda Spindel, 1929; 2 d.; ed.: Vienna U.; w. Palestine Office in Vienna, 19-22; mbr, kvutzat Gan-Shmuel, 22-27; founder & Dir. Gen., Yachin-Hakal, 27-64; mbr, Citrus Marketing Board, 42-68; Dir., Settlement Dpt., J.A., 47-49; Port Authority, 55-61; mbr, Brd of Dirs, Bank Israel Le'-haklaut, 54-64; mbr, various Govt. & Histadruth c'tees; deleg. to Mediterranean Org. of Citrus Growers, Common Market, Intl Food Org.; mbr: secr. of Hamerkaz Hahaklai; of Rotary; edit. brd of "Ha'rivaon Le'kalkala"; author of: "Citrus in Israel" (Heb. & Engl.), "Agricultural Labour Movement in Israel" (Engl.); publ. articles in "Rivaon Le'kalkala", "Rivaon Le'bankaut", etc.

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CHOURAQUI, Nathan Andre; Dr. jur.; Writer; p. Counsellor, Prime Minister's Office, f. immigrants integration problems; Dep. Mayor, Jerusalem; b. Algeria, 11.8.1917; m.: Annette Levy; 2 s.; 3 d.; educ.: Paris U.; active, French Maquis, 40-45; Magistrate in Algeria, -47; gen. secr., & permanent delegate, Alliance Israelite Universelle, Paris; to Israel, 1958; publ.: 22 books, translated into 9 languages: Herzl Biography: "Life and Vision"; A history of Judaism, etc.

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CHURGIN, Jacob; Assoc. Prof. of Hebr. Lit., Bar-Ilan U., 55-70; b. 15.12.1899, Jaffa; m. Shoshana Segal; educ.: Teachers' Seminary, Jerusalem; mbr., "Haboker" edit. staff, 36-37; edit., "Boustenai La'Noar", 36-38; edit., "Haboker Le'Yeladim", 44-48; Prof. Hebr. Literature & Bible, Yeshiva U., N.Y., 52-54; Ramat-Gan Prize f. Children Literature; author of children books, novels & short stories, anthologies, literary reviews, & edit., articles on pedagogics.

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JTS, 23-31; u. Ari Kutai, Habima, 28-30; Dramatic Workshop (u. E. Piscator & J. Gassner); St. John's U., Sch. of Law, LLB, 31; New York U.: B.A., 51; M.A., 54; Ph.D. (Communications in Jew. Ed. & Heb. Culture), 63; m.: Deborah Shpall; s.: Aaron, Dr.; d.: Sharon Urbas; w. J. Comm. Ctr, Flat., 29-41; Bur. of J. Ed., drama dir., 35-40; Herzliah Tchrs Inst., teach. of ed., 36-38; found. dir., Vilon Anglo-Jewish Theatre, 36-40; Alil Heb. Theatre, 36-42; ed. dir., Temple Gates of Prayer, Flushing, 41-44; dir., Brandeis Camp Inst., 50-52; p. program chmn, N.Y. Zion. dist.; treas. of the 1st Israel Parade in N.Y.; init. & dir., 1st regular Heb. radio program, Israel, 49-50; conceived & exec., "Voices of History: Israel" (recordings used by mor than 200 communities in USA); mbr: Natl Ed. Assn, Writers Guild. of Am., Am. Ed. Theatre Assn; author: over a dozen books, i.e. "Dramatics for Creative Teaching", 61; "'Israel: Dream and Fulfillment", 68; Headline Parade, Series, 46-; radio & TV scripts, filmstrips & prof. articles; recip.: Best J. TV Program, 58: citation, Natl Cl. J. Audio-Visual Materials f. years of creative service in J. drama & J. audio-vis. ed., 64; f. 25 years Jewish Theatre f. Children, 70.

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CLORE, Charles; U.K., business executive; one of the most outstanding members of the P.M.'s Economic Conference f. Israel, 68-69; b. London, 26.12.1904; m. Francine R. Halphen (marriage dissolved); ch.: Alan-Evelyn, Vivient-Louise; Company dir.: Sears Holdings Ltd.; City Centre Properties Ltd.; British Shoe Corp. Ltd.; Wolfson, Clore & Mayer Co., Israel.

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COHEN (Cogan) Aharon; Orientalist; lecturer; author; b. Britshani, Besarabia, 3.6.910; m. Rivka Ghivelder; 1 s.; 1 d.; to Israel, 1929; various missions to the Diaspora; founder, Arab. Dpt., Hashomer Hatzair & secretary of "The League for Rapprochment & Jewish-Arab Co-operation"; specialised in research & clarification of problems of the Arab world, & Jewish-Arab relations; author of "The Arab World Today"; "The Arab East" (55); "Israel and the Arab World" (64), etc.

Kibbutz Sha'ar Ha'amakim.

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COHEN, Chaim (Heinrich Leo); cert. accountant; owner, Ch. Cohen & Co., 54-; b. Koeln, Germany, 17.11.1926; to Israel, 1938 (from Austria); ed.: London U., 53-54; Hebrew U. Jer., 55; A.C.C.A., C.P.A. (Isr.); m. Dr. Rosel Koehler, 1958; 2 d.; w. Braude & Co., Chartered Accountants. 43-53; Audit Clerk (Senior), London, 53-54; mbr: C'tee of Horeb Synagogue, Jer., 44-; exec. brd, "Ezra", Irgun Hanoar Ha'haredi be'Eretz Israel, 43-55; exec. brd, "Ezra" — Poalei Agudat Israel, England, 53-54; Central Cl. of C.P.A. Inst., Isr., 62-65, 69-; prof. cl. C.P.A., 65-; exec. com., Shaarei Zedek Hospital, Jerusalem, 67-; various public & govtl. c'tees; authorized to deal w. claims against Germany; articles, mainly in "Roeh Haheshbon".
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Isr. Frgn Office, 55-62; lctr, HU, 63-69; editor, Encycl. Judaica, Jer., 68-72; visit. prof., Brandeis U., USA, 70; publ.: books: Zionist Activity in Iraq (Heb.), 69; The Jews in the Middle East (Heb., 72; English, 73); articles on the M.E. in general & on the Jews in this area.

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COHEN, Idov; p. M.K., 49-63 (Lib.); publisher; co-founder, Bronfman-Cohen, Publishers Ltd., Tel Aviv; b. in Mihăileni, Roumania, 4.11.1909; religious & self-educ.; 1927, accountant in Bucharest; 29, contributor to Zionist roum. weeklies "Renaşterea", "Hasmonaea", "Tribuna Evreească", etc.; editor, Jew-rum illustrated monthly 'Ilustraţiunea Evreească"; publ. first stories on hassidism, etc., in "Hasmonaea"; 33, app. Secr. Gen., JNF, Roumania; iddish stories & essays in "Unser Weg" (edit. Dr. S. Bickel) & "Unser Wort" (edit. Dr. B. Reicher); co-editor (with M. Grindea) of "Adam" (lit. monthly); 34, app. chief edit., of official zion. organ "Stiri"; app. Dir Gen JNF, Bucharest; 38, undergr. scrty, Illegal Immigr. C'tee, Bucharest; to Israel, with illegal ship "Hilda", 39-40, detained by British in Atlith camp, July 40; app. chief-edit., "Haoved Hazioni" (bi-weekly); co-founder (w. Dr. S. Kohavi) of "Hitachdut Olei Romania", Tel Aviv; app. Scty, Educ. Dpt., KKL Jerusalem & Editor of "Karnenu", 42-46; Dep. Edit., "Hazman" (daily, with Itzhak Gruenbaum & Dr. M. Sneh); elected, repres. Haoved Hazioni to Gen. Fed. of Labour (Histadrut), 46-48; mbr. suppl. to the Provisional State Council, 48-49; head, Mobilization Dpt., Histadruth, 47-48; mbr. various Knessets c'tees, 49-63; founder, p. Pres., Irgun Iotzei Roumania & head, worldwide campaigns f. liberation of jailed Jewish leadership in Roumania, 51-55, and f. reunification of Divided Jew.-Roum. Families, 55-59; toured S. Am., USA & Europe f. this purpose; head, Roum.-Jewish Leadership's Hunger Strike in Tel-Aviv (24-29 Mai, 1954) in protest of Roum. Communist persecution of Zionists; mbr. Exec. C'tee, Wrld Govt. Parliam. Union, att. its intl congresses in Copenhagen, Venice, London, etc., 52-59: on missions to West Germany, fighting f. Roum. Jew. rights to compensations, 57, 59, 61; co-founder, Progressive Pty, 49 & unif. Liberal Pty, 59; on UJA-K.H. missions to Uruguay, Columbia, etc., 53, 55, 57; initiator (w. Dr. Ch. Kremer) of "Fed. of Roumanian Jews in USA, & its Hon. Pres.; org. Mexican group to establish OFC Ltd. in Israel & Gen. Mng. thereof, 60-66; elected, Mbr. Tel Aviv Municipal C., 65-69; Chmn, Polit. C'tee, Liberal Pty, 65-68; deleg., WJC, Bruxelles, 1966; mbr. Israel Brdcast. Authority, 67-68; p. polit. comentator over "Kol Israel", weekly broadcast, 49-51; p. permanent columnist, "Hayom", 65-67; contrib. to "Haaretz", "Davar", etc.; Hebrew translations of works by Huxley, Saroyan, St. Zweig, Schnitzler, also of books in history of music, psychology, etc.; p. edit., f. "Massadah" Publ. House, 65-67; founder, own publishing venture 67; m., Leah Rechbach, 1934; ch.: d. Naomi Dr. Daniel Wagner, psychol.; s. Eliezer, sociolog.; Elchanan, off. IDF.

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COHEN, John Solomon; p. chmn of Publ. Comp.; Fllw, Scty of Valuers & Auctioneers; Inst. of Dirs.; b. 23.9.1901, England; ed.: Gramm. Sch. in London; m.: Golda Brenner (died, 68); ch.: Josephine, Johnson David, Richard Simon Ellis, Elizabeth Ann; Warden of New West End Syn; exec. mbr: Un. Syn. of Gt. Britain; Anglo Jew. Assn; Finance C'tee, do: Friends of London Jew. Hosp.; Treas.: Maurice & Samuel Lyon Home (admin. by London Jew. Hosp.); Evelina de Rothschild Sch., Jer.; Centenary Rebuilding Appeal; Govnr, Hon. Fellow & Chmn of Finance C'tee, H.U. Jer.; Hon. Treas., Brit. Friends of H.U.; Trustee and Hon. Treas., Friends of the Natl. Maritime Museum, Haifa; Chmn., London C'tee of Sanhedria Boys Home, Jer.; closely assoc. w. other Jew. activities in England & Isr.; Pres. & Dep. Chmn of Rodwell Group & its 50 subsidiary Cops., 62- (chmn, 64; ret., 69); now chmn of Trustees: John Cohen Fndn; Mrs Annie Brenner Settlement; Investment Surveys Ltd.; in honour of being principal benefactor, the students hostel building of the H.U. (at No. 9 Guatemala St., Kiryat Hayovel) was named Golda Cohen House after the late Golda Cohen; the hall below the Wise Auditorium, on the Givat Ram Campus was named The John S. Cohen Hall; the new Library of The National Maritime Museum of Israel, Haifa, was named The John S. Cohen Library and the main building of the Sanhedria Childrens Home in Katamon, Jer. was named the John S. Cohen House; in England, Lincoln Coll., Oxford, have decided to name their main new library now being constructed within the fabric of the former All Saints Church in the High, The John S. Cohen Library.
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Lanarkshire bnch); b. 9.11.1907, Edinburgh, Scotland; ed. Royal Techn. Coll., Glasgow (now U.), B.Sc., 1st class hon., 29; ARCST, FRIC, FCS, FIM, MIBF; during wld war II: developed the use of Scotish moulding. to replace Belgian material f. prod. of steel cartings; inventor of method of bequelting powdered iron ore from West-Africa, f. manufacture of pig iron; p. metallurgical cnslt to UNESCO; p. mbr., Scottish tchrs. salaries c'tee; p. chmn, Glasgow Z.O.; mbr: Exec. C'tee, Glasgow Cmmty Relat. Cl.; Exec., Scottish Assn f. Natl Cert. & Diplomas; Iron & Steel Indust. Training Brd.; gvnr, Scottish Film Cl.; author: "Casting of Steel", 55; cnslt edit., book: "Iron & Steel for Operatives"; contrib. to techn. magazines; recip. fllwship of Ed. Inst. of Scotland.

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CROHN, David; B.A.; (Pol. Econ.); Mng. CBS (Records) Israel; p. Adm. Mngr, Isr. Philharm. Orch.; f. Vice-Pres. PEC-Israel Ec. Corp.; b. Philadelphia, 26.9.1921; ed.: U. of Michigan (Ann-Arbor); m. Annette Lash; 3 d.: Ariella, Yael, Aviva; to Israel, 1948; p. Director, Bnei Brith Hillel Foundation, 42-43; U.S. Army Captain, 43-45; with Israel Foreign Ministry, 49-50; on staff of PEC, Israel Econom. Corp., 50-69; mbr. brd. of dirs., Exec. C'tee, American Israel Paper Mills Ltd.

American Shikun, Herzliyah by sea; tel. 932154.

CROWN, Alan David; Chmn, Australian Friends of Hebrew University; p. pres., N.S. Wales State Friends of Hebrew U.; exec. mbr, NSW Zion. C.; snr. lctr., Semitic Studies, U. of Sydney; b. Leeds, United Kingdom; educ.: B.A. M.A., (dist.) Leeds; postgr. certif in Ed., Birmingham U.; Sydney U., Ph.D.; matric. certif. Jew. Coll., London; m., Sadie Rose; ch.: Ann-Jacqueline, Aviva; Hon. Hillel Dir., U. of Sydney, U. of New South Wales & Macquarie U.; Edit. mbr., "The Bridge" (Australian Jew. Quarterly); alternate mbr., Brd. of Gov. Hebrew U.; served, British Army, 55-57 (Cyprus); taught at Mt. Scopus College, Melbourne, 59-62; on staff of U. of Sydney, 1962-; regular broadcaster on TV, Sydney; mbr: Wld Un. of Jew. Studies; B'nai B'rith; Scty of Old Testament Studies; Royal Commonwealth Scty; Austral. Acad. of Forensic Sci.; Austral. Scty f. Classical Studies.

2/63 Victoria Road, Bellevue Hill, N.S. Wales, 2023, Australia.

CYGIEL, Abraham; Chmn, Brd of Dirs: Amigur Ltd.; Mabat - Precast Houses Construction Co. Ltd.; in charge of devel. enterprises of Jew. Agcy, 68; b. 1910, Hrubieszow, Poland; to Israel, 1930; m. Rachel Shatz; deleg. to several Zion. Congresses; recruit. off. on behalf of J.A., during Wld War II; p. mbr. J.A. Exec. (responsible f. immigration absorption dur. the period of mass aliyah, 48; Dir., 52-64, & Head, 64-68, J.A. Absorption Dpt.); p. mbr, Disciplinary Court, Histadruth.

34 Hildesheimer St., Tel-Aviv; tel. 442215.

CYNOWICZ, Hersh (Zvi); Pres., Central Jewish Board of India; Chmn, Keren Hayessod-UIA, India; p. pres., Bombay Zion. Assn. now hon. pres.; dep. mbr, Gen Zion Council (Actions C'tee) WZO; lawyer, businessman; b. in Poland, 1907; att. Stefan Batori U., Wilno, fcty of law & soc. sc.; M. Juris; pres. Central Jew Board of India; exec. mbr, WJC; p .mng dir, Jewish chamber of small industries, Eastern Poland; p. legal adviser, Rabb. Council of Wilno; mbr, Ansky Hist & Etnogr. Socy in Wilno; to India, 1942, instrumental in every Jew activity; delegate to 22-27th W.Z. Congresses, repres. Indian Zionists.

Amerchand Mansion, 16-A Mayo Rd, Bombay, India.

CZAMANSKI, Stan; Prof. of Urban & Reg. Studies, Cornell U., Ithaca, N.Y., 70- (grad. field repr., 72-); res. dir., Dalhousie Univ. Halifax, Nova Scotia, 66-; b. Lodz, Poland, 23.11.1918; to Israel, 1958; ed.: Hochsch. f. Welthand. & Bundeslehranstalt f. Textilind., Viena; Faculté des Sciences Economiques et Sociales, U. de Genève; H.U., Jer.; U. of Pennsylvania, Phil. USA; L.S. (Comm.); Ph.D. (Reg. Sci.); m. Franciszka Fuks; s. Daniel Zeev; lctr, Sch. of Plan & Statistics, Lodz, 48-57; Head, Indus. Sctn, Mun. Plan. Commission, Lodz, 51-52; cnslt: Reg. Plan Office, Lodz, 52-56; Distr. Town Plan. Office, Lodz, 56-58; Dpt. Head, Ata Textile Co., Kfar Ata, 58-61; Assist. Prof., U. of Pennsylvania, Phila., 63-66; Econ., Baltimore Urban Renewal & Housing Agcy, Maryland, 64-65; Project Dir., Inst. of Public Affairs, Dalhousie U., Halifax, Nova Scotia, 66-71; Assoc. Res. Prof., Harvard U., Cambridge, Mass., 68; Prof., Florida State U., Tallahassee, 71-72; cnslt to: Dpt. of Transportation — State of Maryland, State of Hawai; Econ. Cl. of Canada; Voluntary Econ. Plan. Branch, Gvt of Nova Scotia; Dpt. of Plan., City & County of Honolulu; visit. lctr.: U. of Puerto Rico, U. of British Columbia, Technion, U. of Toronto, Universite Catholique de Louvain (Belgium); mbr: Reg. Sci. Assn, Am. Econ. Assn, Am. Assn of U. Professors; gen. edit., reg. sci. monograph series, Lexington Books, Boston, Mass., 72-; publ.: 39 papers & res. reports in sci. & professional journals, mostly in the USA, Canada & England; Regional Science Techniques in Practice: The Case of Nova Scotia (forthcoming book); awards from: Resources for the Future, Canada Council; Canadian Council on Urban & Regional Research.

102 Regency Lane, Ithaca, New York 14850, USA; 6 Hagai St., Jerusalem.

CZERNIAK, Pinchas; M.D.; physician; head, Radio-therapy & Isotope Dpt., Tel-Hashomer Hosp. (54-); b. Horodec, 14.9.09; s. of Arie & Shifra (Yarmuk); m. Genia

Feldstein; s. Abraham; d. Irit, Zila, Judit; to Isr., 50; ed.: Montpellier U., Med. Sc. & Hyg. Inst. (36); Dir. distr. Hosp. Antopol (45-47); V.D. University Clinic Wroclav, Poland, 48-50; Asst., Hadassa Radium Inst, Jerusalem, -950-54; contributions in the field of atomic med. and radiotherapy; 3 books in this field; Expert, in atom. med. of Intl Atomic Engy Ag.; teacher, Nucl. med. & Radiobiology, Tel Aviv U.; Founder Baruk's Inst. f. radioclinic. research; articles in professional journals; Prix Dubreuilh, 1936; Prix Dr. Meyer, 67; Mbr. Isr. Rx-Soc. Nucl. Med.; Soc. Moreau de Tours.
3 Shulamit St., Tel-Aviv.

CZERNOBILSKY, Bernard; M.D., physician; chief pathologist, Kaplan Hosp., Rehovot; Assoc. Prof. Pathol., Hebr. Univ., Jer.; b. 1.1.1928, Koenigsberg; to Israel, 1970; ed.:Lausanne U. Med. Sch., 47-53; m.: Helen Diamandoglou; 3 d.: Daphna, Aliza, Michal; p. Assoc. Prof. Pathol., U. of Pennsylvania, Philadelphia, Pa; mbr: Intl Acad. of Pathol.; Am. Assn of Pathol. & Bacteriologists; New York Acad. of Sci.; Isr. Pathol. Scty; Isr. Med. Assn; publ.: 51 articles in gen. pathol. & .gynecol pathology.
Kaplan Hospital, Rehovot.

D

DAGAN, Gedeon; Prof.; mbr, acad. staff, Technion Haifa; b. 24.12.1932, Galatz, Rumania; to Israel, 1962; ed.: Bucharest U. — Hydraulic Eng.; Appl. Math. (B.Sc.), 56; Techion Haifa, D.Sc., 64; m. Ora (Sneh); 3 d.: Sigal, Noga, Adi; p. Assir Zion; Res. Eng., Hydrotechn. Inst., Bucharest, 56-59; visit. sci., U. of Iowa, USA, 66; snr res. sci., Hydronautics Inc., Laurel Md., USA, 67-68; sci. res. in hydrol. & fluid mech., devel. of math. theories of flow through porous media, groundwater hydrol., water waves & naval hydrodynamics as specific areas.
45 Einstein St., Haifa; tel. 251822.

DALESKI, Hillel Matthew; Assoc. Prof. of English, H.U., 70- (at present rank); at H.U. Jerus., 54-; b. Johannesburg, S.A., 19.7.1926; to Israel, 1952; ed.: U. of Witwatersrand, Johannesburg, B.A., B.A. Hons. M.A.; H.U., Jer., Ph.D.; m. Aviva Prop, 1950; d.: Deborah, Orit, Yonat; s. Gil; publ. 2 books: The Forked Flame, a study of D.H. Lawrence, 65, 68; Dickens and the Art of Analogy, 70.
Motza Ilit, M.P. Judean Hills; Tel. 525089.

DALITH, F.; radiologist; Prof., Dr.; Head, Dpt. of Diagnostic Radiology, Tel-Hashomer - Chaim Shiba Medical Centre, 48-; born in Frankfurt am Main, 27.4.1910; to Israel, 1937; ed.: Frankfurt, Berlin & Bern U-ies; m.; s., Michael; mbr, Intl Scties of: Radiology, Cardiology, Nephrology; Head, Pathoradiological Research Inst. of T.A.U. Med. Sch., Tel-Hashomer.
10, Bat Yiftah St., Zahala, T.A.; Tel. 772773.

DAMARI, Shoshana; singer; b. Yemen; m. S. Bosmi; 1 d.; to Israel at the age of 2; concerts, television shows, recitals, in USA, Europe, South America, South Africa; films: "Hatikva"; Hill 24 Does Not Answer; Israeli Press Prize.
16 Klonimus St., Tel-Aviv.

DAMON, Yochanan (Janos); Gen. Mng., Sharon Hotels, Herzlia, 69-; mbr: Exec. C'tee, Isr. Hotel Assn; Brd. of Dirs, Tadmor Central Hotel Train. Sch., Herzlia; Sharon Rotary Club; lctr on Technion's Course of Hotel Admin.; b. 1928, Hungary; to Israel, 1950; ed.: HS in Hungary (39-44) & Switzerland (44-46); U. of Geneva, 46-49, grad. in lang.; Swiss Hotel Sch., Lucerne, 49-50; Technion Haifa, Course of Hotel Admin., 61-62; m.: Tamar Stojanovich; s.: Dan; d.: Gila; exec. positions: Sheraton Hotel, T.A., 60-64; Hilton T.A., 64-69.
101 Haeshel St., Herzlia-Pituah; tel. 932702.

DAN, Joel; Ph.D., pedology (soil sci.); Head, Div. of Pedology & Soil Survey, Volcani I.; b. Breslau, 20.6.1927; to Israel, 1933; ed.: Elem. Sch., Pardess Hana, 34-

40; Agric. HS, Pardess Hana, 40-45; H.U., Fcty of Agric., 46-51 (intermission f. serv. in Hagana & IDF, 47-49); research-work f. Ph.D. degree, H.U., 61-66; m.: Amalia Lipovsky, 1959; s.: Jair, Ilan, Ofer-Jehuda; external teacher f. soil survey, Fcty of Agric. Rehovot (part-time), 55-61; lctr, Technion-Haifa, 62-65; FAO expert, Chile, 68-69; mbr: Isr. & Intl Scty of Soil Sci.: Isr. & Intl Scty of Geology; Isr. Scty of Pleistocene Research; Isr. Scty of Ecology; Isr. Scty f. Nature Preservation; main works: Proposal for the classification of Israel soils, (with Hanna Koyumdjisky), 59; Instructions for soil survey (with Z. Raz), 64; The effect of relief on soil formation & distribution in Israel, 66; The soil association map of Israel scale 1:250.000 (with Z. Raz), 70.

28, Spinosa St., Rehovot; Tel. 955331.

DANIELY, Haim; Man., Israel Diamond Manufacturer's Assn., 1943-; b. Poland, 12.4. 1911; m. Bella Feld; 1 s.; 1 d.; educ.: Jew High School; Polish Polytechnic School; to Israel, 1935; p. mbr. Municipal Council, Tel-Aviv, 50155; re-elected, 55; chmn., brd., Kfar Silver Agricultural School & Mollie Goodman Acad. High School.

75, Einstein St., Ramat-Aviv, tel. 411363.

DANKNER, Raphael; archit.; Munic. Eng., Ashdod; b. in Tel Aviv, 13.4.37; ed.: Technion, Fcty of Arch. & Town Planning, 61; m.: Ewa Dankner (B. Arch.); ch.: David, Dany; postgr. studies in Denmark, Britain, Switzerland; mbr, C.C., Assn of Munic. Engs, mbr, Technical Cl., A.E.A.I.; pres., Rotary Dimona, 69-70.

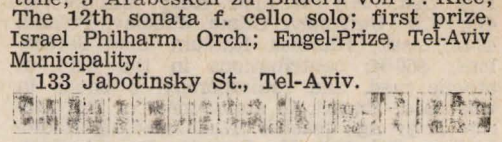
P.O.B. 177, Ashdod.

DA-OZ, Ram; Composer; b. in Berlin, 17. 10.1929; to Israel, 1934; studies, Music Acad of Tel-Aviv; m.: Shari Gross; serv. IDF, 1948, (lost his eye-sight); stud. w. Prof. Hajosh, grad. 1953; composed wrks f. orchestra, chmb music, piano, songs, most of them performed & brdcast; publ: "Changing Phantoms" (Chmb Orch); Prolog Variations & Epilog", piano; Capricio, piano; Nine Dance Movs, piano; Trio f. Strings; Trio f. Piano & Strings, Five Contravs, piano; Ten Miniatures f. 2 clarinets; "Illuminations" Violin Solo; Concerto f. Violin & Strings; compos. performed "East & West in Music" Intl Congress, Jerusalem, 1963; prizes Israeli Song Festival, 60, 64; 1st Acum Prize, 1967; Israel Music I.'s 2nd Prize, piano, 1966.

41, Shaul St., Neve Shannan, Haifa; tel. 235524.

DAUS, Avraham; composer; conductor; pianist; b. Berlin, 1902; 2 d.; studied with Prof. Behm, Courvoisier; conducted in Breslau, Krefeld, Wuppertal; to Israel, in 1936; composed "Sea Gate", violin concerto; cantata "Gvat"; string quartet; 4 dialogues for violin & cello; chamber music, songs, choirs; "Legend", "Songs by Rachel"; flute variations on a Yemenite tune; 5 Arabesken zu Bildern von P. Klee; The 12th sonata f. cello solo; first prize, Israel Philharm. Orch.; Engel-Prize, Tel-Aviv Municipality.

133 Jabotinsky St., Tel-Aviv.



DAVID, Yona; M.A.; Ph.D., Snr. Lectr. on Middle Age Hebrew Lit.; mbr., Wld Union f. Judaica; b. Bivolari (Yassi, Rum.) in 1919; grad., Yeshivot "Bet Aaron", Yasi; Bucharest U., Fcties of Esthetics & Philology; Ph.D., Hebrew U., on "the Poetry of Ramhal"; m.: Dahlia Sasson, 1962; ch.: Israel, Vered; p. activ. in "Habonim" Youth Mov., mbr. of its exec. c'tee & of the A.C. of the Rumanian Zion. Feder. (Cult. Dpt.); particip. in activ. f. illegal immigr. & in charge of cult. wrk in "Habonim"; lectured on Hebrew lng & lit. in Rumania; publ. several collections of poetry, as well as works of lit. studies & poetry interpretation (e.g. on Mendele, Yehuda Halevy, Luzzato, Beaudlaire, Rymbaud, Verlaine; Tschermihovsky, etc.); co-edit., "Ekked", quarterly f. poetry; contrib. to "Tarbitz", "Hassafrut", etc.; in charge of entries on Hebrew Lit. in Italy in the "Encycl. Judaica"; introduction, Agnon's collected works in Spanish; The Poetry of Zebadiah, 71.

1, D. H. Schachar St., Bet Hakerem, Jerusalem; tel. 525231.

DAVIDAI, Benjamin; B.Sc.; Eng.; 1st Vice-Pres., Oper. Div., El Al; b. 20.7.29, Haifa; ed.: Technion, Haifa; m. Lea; ch.: Elyakim, Ehud; Anat; joined the Isr. navy at 18, returned to studies after 3 years; joined El Al as eng, 55; mng. of the Maintenance Dpt., 58; promoted to Dep. Dir. Operations, later Vice-Pres. (Operations Division) & recently First Vice-Pres. in addition to his. post as V.P. Operations Div.

9, Daniel St., Ramat Chen; tel. 749468.

DAVIDSON, Joseph Terence; Anaesthesiologist, L.R.C.P., L.R.C.S., L.R.F.P. and S:, head, Department Anaesthesiol., Hadassah U. Hospital; Assoc. Prof., Hebrew U.; b. 3.5.1928, Dublin; ed.: Queen's Park Senior Secondary School (Glasgow); Glasgow U.; to Israel, 1959; Chairm. Israel Soc. of Anaesthesiologists; m.: Dr. Claire Birkhahn; ch.: Philip, Elyad, Gillon, Deborah; p. House Surgeon, London Jew. Hosp. (50-51); Royal Air Force (Flight-Lieut.) 52-54; Registrar in Anaesthetics Royal Infirmary Edinburgh (56-57); Am. Public Health Research Fellow (N.I.H.), 64-65; publ.: Epidural injections in the lumbosciatic syndrome; Anaesthesia in a leprosarium; Subclavian venepuncture; Aging and respiratory mechanics; Blood volume and lung complience.

Rehov Berekhyahu 6, Beth Hakerem, Jerusalem; tel. 525913.

DAVIDSON, Walter; M.D.; M.P.H. Med. Dir. Govt. Hosp. Shmuel Harofe, Beer Yaakov; b. Berlin, 4.7.1911; m. Hanni Bestermann;

1 s.; 2 d.; educ.: Berlin & Basle U.; on staff of Kupat Holim, 35-55.
9, Hanassi Harishon, Rehovot.

DAVIES, A. Michael; M.D.; L.R.C.P.; M.R.C.S.; Prof.; Head, Dpt. of Med. Ecology, H.U. Jer.; mbr, Expert Panel on Cardio-vascular Diseases, W.H.O. & cnslt, various expert c'tees; do, USA Public Health Serv.; do, Isr. Min. of Health, etc.; Fllw: Royal Scty of Med., Royal Scty of Tropical Med. & Hygiene, American Public Health Association; member Association of Teach., Preventive Med.; Intl Epidemiological Assn., etc.; b. Wallasey (England), 1924; m. Betty Benjamin; 2s.; educ.: Manchester U.; Assist Lecturer in Bacteriology, London U., 49-50; to Israel, 1950; Head Dpt. of Epidemiology, Israel Inst. for Biological Research, Ness Ziona, 51-53; instructor in Preventive Medicine, Hebrew U., 53; visit. lecturer in Preventive Med., Harvard Medical School, Boston, 56-57; Acting Chief Epidemiologist, Israel Health Ministry, 58-60; Co-ordinator, Natl Public Health Service, Rep. of Liberia, 60-61; Conslt., WHO, 68; Vis. Scientist, Natl I of Health, USA Public Health Service, 68-69.
12, Ussishkin St., Rehavia, Jerusalem.

DAVIS, Moshe; Ph.D.; Rabbi (Jew. Theol. Sem.); Head, Inst. of Contemporary Jewry & S.S. Wise Prof. in Am. Jewish History and Instits, Hebrew U., Jerusalem; Research Prof., J.T.S.; Dir., Am. Jew. Hist. Cent.; Chairman, Study Circle on World Jewry in the Home of the Pres. of Israel; Vice-Pres., American Jewish History Society; b. Brooklyn, New York, June 12, 1916; m. Lottie Keiser, 1 s.; 1 d.; educ.: Columbia and Hebrew universities; Dean, Teachers' Inst. & Semin. Coll., 1946-51; Provost, J.T.S., 50-59. Author: "Jewish Religious life & Inst. in America" (1949); "The Shaping of American Jewry" (Hebr., 1950); "Emergence of Conservative Judaism" (1963); Editor: "Mordechai M. Kaplan Jubilee Volumes" (1953); "Israel, Its Role in Civilization" (1956); "Jewish Life in Our Time: Papers and Discussions of the Study Circle on World Jewry in Home of the President of Israel" (Hebr., 1967, 1968); "From Dependence to Mutuality: The Am. Jewish Comm. and World Jewry", Heb., 70; Contemporary Jewish Civilization Series, Random House; Co-Author (w. L.K. Davis) "Land of our Fathers: Map & Guide to Bibl. Place Names in Amer." (1954); Co-Editor: "Writing of Amer. Jew. History" (1957); "The Illustrated History of the Jews" (Hebrew and English, 1964); Text and Studies Series in American Jewish History; Regional History Series of the Amer. Jew. History Centre; Consulting Editor, Encyclopedia Judaica; contributor to scholarly publications and to Encyc, Britannica.
14 Balfour St., Jerusalem.

DAWIDOWITSCH, Gershon; painter; b. 26.4.1914, Poland; to Israel, 1939; ed.: Royal Acad., Berlin; m.: Shulamit; one-man shows: Israel. Germany, Belgium; partic. intl exhib., Monaco, 66; his paintings in museums of Tel-Aviv, Haifa, Ein-Harod & in various collections in Isr. & abroad; recip.: twice Malach-prize, Ein-Hod; Dizengoff-prize, 64; p. mbr of jury: Painters Assn; Ein-Hod artists village.
12 Pinsker St., Tel-Aviv; tel. 56847.

DAYAN, Moshe; M.K., Minister of Defence (67-); p. Min. of Agric. (59-64); B.Sc.; born 20.5.1915 in Degania, Israel; married Rachel Korem, 73; 1 daughter; 2 sons; educ: Senior Officers' School, England; School of Law & Economics (B.Sc), Tel-Aviv; three years at the Hebrew U.; Farmer in Nahalal; joined Haganah at early age; among first volunteers to General Wingate's Night Squads; comm. Palmach unit, defending road to Ras-el-Naqura during Allied invasion into Syria, lost left eye in action; detained in Acre by the British, 39-41; i/c. Commando Unit, War of Liberation; app. Brigade Commander, Jerusalem Area, during Jerusalem siege, 1948; head, Israel Delegation to armistice negotiations with Arab States at Rhodes, 1949; chief liaison officer, mixed armistice commissions; Chief of General Staff, South Command, 1952; North Command, 52-53; head G branch G.H.Q., 53; Chief of Staff, 53-58, rank of Rav-Aluf (Maj. Gen.) during Sinai Campaign (his account of that action, Diary of the Sinai Campaign, appeared in 1966).
11 Yoab St., Zahala.

DAYAN, Ruth; Pres. "Maskit", Isr. Center of Handicrafts; b. Merhavia, 3.3.1917; m. Moshe Dayan (div.); 1 d.; 2 s.; Moshav Nahalal for several years; promoted home industries in frontier settlements during mass immigration, 1949; special courses in Crafts, London, 50-53; head of Crafts Dept. in Ministry of Labor, 53-54; Pres. of the C'tee f. fostering understanding among semites.
114 Haeshel St., Herzliah Pituach.

DAYAN, Yael; writer; novelist; b. Nahalal; m.: Aluf-Mishne D. Sion; publ.: "New Face in the Mirror"; Death Has Two Sons", "Sinai Diary", etc.; (daughter of Minister of Defence Moshe Dayan & Ruth (née Schwartz).
16 Oppenheimer St., Tel-Aviv; tel. 419750.

DE HAAS, Gershon; dir. popular tourist devel.; dir. gen., Israel Camping Union; dir., tourist dpt., reg. cl. Sulam Tzor; b. 1920, Hamburg; to Israel, 1935; ed.: H.S. in Germany; Techn. Sch., Haifa; Teachers Acad., Amsterdam; m.: Yaffa Goldberg; 2 d.: Yael, Ofra; served Brit. Army (Jewish Brigade) w. rank of Captain; p. owner, Neve Hayeled — board. sch. & summer camps; p. dir., Youth & Educ. Dpt.: J.N.F. — South-Africa, England & Europ. count.; "Man of the Year" (f. tourism) by Intl "Skal" Club, Haifa, 68.
41 Aliya St., Nahariya, P.O.B. 19; tel. 921025.

DE-NUR (Asherman), Nina; lecturer; b. Israel, 15.11.1922; ed.: H.U., Jer.; m. 1948; 1 s. & 1 d.; initiator of field work

to foster better relations between Jews & Arabs in Israel, 63-; lecturing on this subject, USA, Britain; p. in editorial work, public relations and occupational therapy.
6 Hess St., Haifa; tel. 04-665559.

DE-NUR, Yehiel (Ka-Tzetnik); author; b. Poland; famous writer on Nazi extermination topics; publ.: Salmandra; House of Dolls; The Clock Overhead; Piepel; As Phonix from Ashes, etc.; books translated into many languages.
Tel-Aviv.

De PHILIPPE, Edis; Opera singer; Dir., Isr. National Opera; b. New York: educ.: general and musical: New York U; started career at age 16; first appearance in Grand Opera at 19; leading roles in U.S., European capitals, South America, etc.; founded Israel National Opera, 1947; appeared in & produced over 65 operas; re-established the Opera, 1957, reopened, 1958 (former First Knesset Building).
88 Aluf David St., Ramat Chen; 747650.

DESHE (Kleblat) Chanan; Mng. Dir., Israel Petrochemical Enterprises Ltd. Haifa, 1961-; b. Privoz, C.S.R., 2.8.1915; m. Lina Weisskopf; 1 s.; 1 d.; educ.: Prague U.; to Israel, 1939; mbr. kibbutz Givath Chaim; mbr. Headquarters, Palmach; I.D.F., -1960; Gen. Mng. Central Gas Co.
Haifa, tel. 245177.

DESWARTE, Willem; Hon. Pres., Sabena - Belgian Wld Airlines (Pres. 49-71); Chmn: Belgium-Luxembourg — Israel Chmbr of Comm.; Belg. sctn of Wld Assn of Wld Federalists; Vice-Chmn: League f. Human Rights; Alumni Brussels U.; Barr. Brussels, Avocat Honoraire; b. 6.9.1906, Brussels; ed.: Brussels U. — Dr. in Law, 29; Licence in Pol. Sci., 30; in Finance, 31; m.: Iréne Tesch; w. Belg. Forces in U.K. (rank of Captain); mbr, Socialist Pty; Chief of P.M.'s Cabinet, 47; Min. of Interior, 48; articles & lctrs on aviation, mngmnt, fiscal law; recip.: Command. Order of Leopold; Command. Order Orange-Nassau (Holland); milit. orders Belgium-England; Chevalier de la Legion d'Honneur, France.
135 Chausée de Charleroi, Bruxelles 1060, Belgium.

DEUTSCH, Akiva (Walter); snr lctr, Sociology, Bar-Ilan U., 70-; b. 24.6.1919, Baden, Austria; to Israel, 1938; ed.: Vienna U., 37-38; H.U. Jer.: M.A., 51; Ph.D., 70; m.: Menoha Tagari; 2 d.: Ofra, Avival Sarah; w. the Haganah, 38; Palmach, 42-43; secr. of Public Relat. C'tee during the Siège of Jerusalem, 48; IDF, 48-50; var. govt. positions (Min. of Justice, Finance, Ed.), 50-54; Min. of Soc. Wlf, 54-59 (res. work w. Sociology Dpt, H.U., 58-59); letr, sociology, Bar-Ilan U., 59-70; in charge of Soc. Dpt, 59-68; Guest Prof., Sociology & Educ. Sci., Konstanz U., W. Germany; publ.: Character of the Elite — a Yemenite Suburb, 58; The Israeli Melting Pot, 69; Israeli versus Jewish Identification, 72; The Scientific Way of Sociology, 73; Fllw, Israeli Soc. Assn.
46, Rahel Imenu St., Jerusalem; tel. 38869.

de VRIES, Andre; M.D.; Prof. of Med., Tel-Aviv University; Dean of Medical School (64-69), Rector (69-71), T.-A. U.; Head, Dpt of Med. D. & Rogoff Medical Center, Petah Tikva; Clinical Prof. of Med., Hebrew University; b. Leeuwarden (Holland), 28.2.1911; m. Chava Leachmann; 1 d.; 2 s.; educ.: Amsterdam U.; Dir., Hosp. at Meppel, Holland; head, blood transfusion service, Dutch Red Cross, 1940; to Israel, 1940; physician, Hadassah Hosp., Jerusalem, 1942; postgrad. studies at Harvard U., 46-48; Head, Clinical Research, Hadassah Hosp., 50; Dean, Fcty of Science, Tel-Aviv U., 62-63; numerous papers on hematology & metabolism in European, American & Israeli medical journals.
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DOR, Moshe; writer, poet, translator; b. in Tel Aviv, 9.12.1932; m. Ziona; 2 s.; started as publicist, mbr. edit. staff of "Maariv", 58-; p. mbr. edit. staff "Lamerhav", 54-58; lit. column., "Al Hamishmar", 64-70; publ.: "Broshim Levanim", 54; "Im Naghia Ve-im Lo Naghia", 57; "Tzav Ikul", 60; "Ma'avar Hatzaya", 62; "Zahav Va-efer", 63; "Sirpad U'matechet", 65; "Icarus Ha'olam", 66; "Baron Porcelli Bi'yerushalayim", 68; "Sefina Mitaviot Shokolad", 68; "Ha'armon shel Amir", 70; "Mivchar Shirim", 70; "K'riah Rishona, K'riah Shniah", 70; transl. from Graves, Chesterton, Bentley; co-founder, poets' group "Likrat"; p. edit. "Bama'ale", "Bemachne Nahal", "Ma'avak" (periodicals), etc.; mbr: "Akum"; Journalists Un.
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DORI, Latif; journalist; secr., Mapam Youth Mov., 68-; b. Baghdad, 7.12.1934; to Israel, 1951; ed.: Tel-Aviv U. (1 year); m. Rivka Margalit, 1966; s. Shai; d. Hadas; active in Mapam: secr., Arab dpt., 55-60; secr., dpt. f. Oriental Communities, 60-63; secr., Trade-Union dpt., 63-65; in charge of Central Area org., 65-68; repres., intl youth congresses & meetings in Europe & America; mbr: Histadruth Exec., Youth & Sport Dpt., Merkaz "Hapoel", Merkaz Hitachdut Yotzei Iraq; secr., Movt. f. Peace & Security; columnist, "Lemizug Edoth" in "Al Hamishmar" daily; weekly column in "Al Mirsad" (Mapam's organ in Arabic); articles in "Al Hamishmar", "Hotam"; lectures, etc.
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DOSTROVSKY, Israel; Ph.D.; Prof. (Chem.); Acting Pres. & Chief Exec. Off., Weizmann Inst. of Sci., 73-; Dir. Gen., I.A.E.C., 65-71; Lt. Col. (Res.); b. Odessa, November 29, 1918; m. Daphne Wormald; 1 d.; 1 s.; Ed.: Univ. College, London; to Israel, 1919; engaged in research work, University Coll., London, 1940-43; lecturer in chemistry, Univ. Coll. of N. Wales, 1943-1948; research on reaction mechanismus and separation of isotopes; awarded Ramsay Medal, England, 1944 and Weizmann Prize, Israel, 1952; Vice-Pres., Weizmann I., 71-73.

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EDELSTEIN, Sidney M.; Dr.; Chairman and National Cash Chairman of the Unit. Jewish Appeal and a member of its Exec. Committee; dir. of the United Jewish Fund of Englewood, Trustee of the Jewish Community Council, has been Chairman of Isr. Bonds; on the Exec. Committee of the World Federation of YMHA's and Jewish Community Centers; on the Natl Board of the Joint Distribution Committee, and a member of the Board of the American Friends of the Hebrew University; Pres. of Dexter Chemical Corporation of New York and its Director of Research, Dr. Edlstein is a world-famous authority on early chemistry and the history of dyes.

Englewood, N.J., USA.

EDEN, Abraham; Aluf; GOC, Armour Corps, IDF; b. Kibbutz K'far Gileadi, 1926; joined "Palmach" units, 43, as T.A. high-

school student; joined Kibbutz Nirim, Negev & app. comm. of Ghevulot area; Batalion Comm., Reg. No. 8, "Negev" Brigade, participating in battles f. liberation of Negev, 1948; first to enter Eilat, 1949; transfered to Armoured Corps & app. training instructor f. regimental commanders; app., operations officer of its regiment, later returned to his Kibbutz; back to services, 1956, app. comm. tanks regim., participating in Sinai Campaign, 56-57; to Portmouth, U.S.A., f. training, 57-58; app. Operations C/O, Armoured Corps, -60; comm. Tank Brigade, reserves unit, 60; comm. regular Tanks Brigade, 61-62; O/C of Armoured Corps School, -64; studies, Hebrew U., B.A. (econ. & polit. science), 64-67 head, HQ., Brigade Groupe under Gen. A. Yaffe, Six Days' War; on various IDF missions abroad; dep. comm. Armoured Corps, — Oct. 68; m.; 3 ch.
IDF.

EDEN (Feiner), Aharon; B.A.; Dir. of Companies; Gen. Mng., Su-keet Ltd., 56-; b. New-York, 2.8.1927; m. Rivka Cohen; 1 s., 2 d.; educ.: C.C.N.Y., U. of Pennsylvania; London School of Economics; p. Econ. Adv., Jew. Agcy & Min. of Agriculture; contributor to newspapers & technical journals.
6 Shamir St., Afeka; tel. 415233.

EDERY, Habib; Prof.; Dr. of vet. med., pharmacologist; Head, Dpt. of Pharmacology & Toxicology, Isr. I. f. Biological Research, Ness Ziona; Assoc. Prof. of Pharm., Tel-Aviv U. Med. Sch., 54-; b. Rosario, Argentina, 25.12.1923; to Israel, 1954; ed.: La Plata (Argentine) U., London U. Sch. of Tropical Med., Ecole de Med., Paris U.; s.: Daniel Simon; d.: Rahel; p. Chmn, Israel Physiol. & Pharm. Scty; p. instr. in physiology, La Plata U.; p. mbr of adv. c'tees to the Min. of Health, Min. of Agr., Natl Cl. for Research & Development; mbr, Isr. Veterinary Med. Assn; publ. res. papers on physiology, pharmacology & toxicology; p. Sci. Attaché, Embassy of Isr., London.
18, Weizmann St., Rishon Lezion; Tel. 941902.

EFRATI, Pinhas; M.D.; physician, educator; head, Dpt. of Med. & dir. Lab. for Blood Morphology & Cytology, Kaplan Hosp., Rehovot, 53-; Prof. of Medicine, Hebrew U.-Hadassah, (66-); lecturer in Hematology, Bar-Ilan U. (59-); b. C.S.R., 9.4.1907; m. Aviva Hoffman; 2 s.; 1 d.; educ.: Prague U.; to Israel, 1933; dir., head dpt. of med., Schweitzer Memorial Hosp., Tiberias, 39-49; head dpt. of med., Govt. Hosp., Bnei Brak, 49-53; mbr., scientific brd., Israel Med. Assn; N.Y. Acad. of Sciences; Swiss Soc. of Hematology; contributor to medical Journals.
Kaplan Hospital, Rehovot.

EGER, Akiva; M.A. (Phil. & History); Dr. rer. polit.; principal, Afro-Asian Instit. f. Labour Studies & Cooperation; b. Konigsberg, 15.4.1913; m. Lea Raesener; 1 s.; 2d.; educ: Frankfurt/Main, Freiburg, Konigsberg & Paris U.; London School of Economics; to Israel, 1935; mbr, Mercaz Hechalutz, France; w. Palestine Potash Co. Ltd., 37-38; kibbutz Naan, -51; mbr. of workers' council, kibbutz secretary, kibbutz Galed, 51-56; kibbutz Netzer Sereni, 56; Histadrut & Jew. Agcy. missions to Europe, USA, Maghreb, Egypt, f. aliya & youth educ.; mbr, Secretariat, Ichud Hakibbutzim; lecture tours in Africa Asia; mbr., Israel Delegation to Dakar Socialist Conference, 1962.
Kibbutz Netzer Sereni; tel. 961034.

EGYED, Michael N.; Dr. (veterinary med.); Head, Dpt. of Toxicology, Kimron Veter. In., Bet-Dagan, 61-; b. Békescsaba, Hungary, 25.10.1922; to Israel, 1957; ed.: Budapest U., Fcty of Vet. Med.; m.: Edith Baum; lctr, Post-graduate Vet. Fcty, Tel-Aviv U.; Assoc. Prof., Budapest U., Fcty of Vet. Med., 56; invited to lctr in toxicology, Utah U., USA, 68-69; Research Fllw, F.A.O. (UN) 68-69; mbr.: Isr. Vet. Med. Assn.; Intl Assn of Forensic Toxicologists, London; Intl Scty for Fluoride Research, USA; Am. Coll. of Vet. Toxicologists; publ. appr. 70 sci. papers in various fields of vet. med. (metabolic diseases, clinical biochem. & toxicology).
45, Gordon St., Tel-Aviv; Tel. 234-709.

EHRENBERG, Henry; industrialist; chmn, Keren Hayessod, Vereinigte Israel Aktion, West Germany; mbr brd, German-Israel Chmb of Comm; mbr brd, Europa-Israel Chamber of Industry & Commerce; b. in Opatw, 26.4.1917; m.: Lea Rosenzweig, 1948; ch.: Harry, Wolf, Ruth, Ilona; mbr brd of dirs, I.R.G., Stuttgart; founder, owner and/or partner of: Neumo G,m.b.H., Knittlingen; Gebr. Rieger GmbH, Aalen; Roth's Molk. Maschinen-Fabrik GmbH, Stuttgart; Hema GmbH — Maschinenfabrik Schwaigern N.V. Holstaal, Amsterdam/Holland; Societe Nouvelle des Ets. Liagre, Schirmeck/Frankreich; Vargus Ltd., Naharyt-Israel; Globus Technical Equipment Ltd., Tel-Aviv-Israel; Enn Ltd. in Naharya-Israel (during this time still in building).
7134, Knittlingen, West Germany.

EHRENFELD, Ernest Nachum; M.D.; Chief Physician, Head, Endocrine Unit, Hadassah Univ-Hosp.; Assoc. Prof., Internal Medicine, Hebrew Univ. Hadassah Medical School, Jerusalem; b. Prague, Dec. 25, 1912; m. Gerda Bibo; 2 s.; 1 d.; educ.: Prague U.; Joined Hadassah Hosp., 1940; post-graduate studies, Cornell U. & Mount Sinai Hosp., N.Y., 52-53; Fellow Royal Soct'y of Medicine.
34 Ramban Rd., Jerusalem.

EHRENKRANZ, Joseph H.; Rabbi; chairman of the Rabbinical Advisory Council of the UJA; recipient of the B'nai B'rith American Heritage Award and the Hadassah Award; served as advisor to the Board of the Narcotics Center in Stamford; president of the Stamford Interfaith Council.
Stamford, USA.

EHRLICH, Abel; composer; Prof., Academy of Music, Tel-Aviv U., 64-; b. Cranz, Germany, 3.9.1915; to Israel, 1939; ed.: Acad. of Music, Zagreb & Jer.; studied privately composition; m. Lea Klauber, 1947; 2 ch.; teach.: Acad. of Music, Jer., 40-; Music Inst., Oranim, 53-68; mbr: League of Isr. Composers; 247 compositions (performed in Israel & abroad), e.a.: Bashrav (f. violin solo &other versions), The Writing of Hiskia (voice & instruments), Do not be as your Fathers (choir), This House (oratoria), Emanuel Haromi (Testimonium, 71); piano-, orch. & chamber-music; music f. theatre, films, etc.; award: Acum Prize 67, Lieberson Prize 68, 72; Rinat Prize; "Arpmusic", Boswil (Schweitz), 72; "Evolution", Isr. Phil. Orch., 72; Berlin, 72.
13, Tagore St., Ramat Aviv, T.A.

EHRLICH, Simcha; M.K. (Gahal), 1969-; industrialist; b. in Poland, 15.12.1915; high-school and econ. studies; m.: Zilla Goldgram, 6.9.1942; ch.: Avraham, Bat Sheva; to Israel, 1939; p. mbr Tel Aviv Municip. C., 55-69; p. Dep. Mayor & head of Lighting & Water Dpt., of Sanitation Dpt., of Bureau of Municipal Corporations; pres. Natl Secretariat of the Liberal Pty; mbr., exec. c'tee, GAHAL; chmn, Habimah Co.; mbr. Pbl C'tee f. Israel Opera, etc.
47, Pincas St., Tel Aviv.

EHRMAN, Zvi; artist painter; architect; b. Lwow, 8.12.1903; ed.: Acad. of Fine Arts, Cracov, 1932; m. Irene Brener; p. art teacher: Coll. & Techn. HS, Poland; to Israel (through immigrants camps in Cyprus) 1948; worked as scenographist, Poland; mbr: Intl Assn of Plastic Arts, Isr. Paint. & Sculpt. Assn, Assn of Engs. & Archs. in Israel; one-man shows: Cracov, 34; Kattowicz, 35; Czemerinsky Gall., T.A., 55; Pavillion of Paint. & Sculpt. Assn in T.A., 63; group exhib.: Country-wide Gen. Exhib., Cracov, 34; Gen. Exhibs, in Lwow, Kiev, Charkov, Moscow, 39-40; Cyprus, 47; New Immigrants, T.A., 50; City & Landscapes, 59; also part. in the Annual Exhibs of Paint. & Sculpt. Assn; mbr, Artists' Colony, Safad, 63-; toured art centres, France, England, Italy.
177, Ben Yehuda St., Tel-Aviv; Tel. 241681. Artist Colony, Safad; tel. 30498.

EIDELMAN, Shmuel; M.D.; Dir., Dpt. of Intern. Med. & of the Gastroentological Unit, Rambam Hosp., Haifa, 70-; b. S. Africa, 11.8.1933; to Israel, 1956; ed.: U. of Witwaterstrand, Johann., 50-55; m. Chaia Barzel, 1957; s.: Ronen Shimon, Dan; d. Orly; Internship., Resid. in Med., 1st Assist., Tel-Hashomer Hosp., 57-62; Res. Fllw, U. of Washington, Seattle, 62-65; Instructor & Snr Fllw, do., 65-69 (Assist. Prof., 67-69); mbr: Am. Fed. f. Clin. Res.; Am. Scty f. Clin. Nutrition; Fed. of Am. Scties f. Experim. Biology; publ. sci. research works in his field.
7, Shderot Hanadiv, Haifa.

EIGES, Gideon; Dep. Dir Gen., "Tefahot" Israel Mortgage Bank Ltd.; b. 23.11.1937; ed.: Hebrew University, Jerusalem; m. Miriam; d.: Tamar, Ettie, Nurit; p. Advisor f. Housing, the Office of the Accountant General.
1, Mishmar Hagvul St., Ramat Eshkol, Jerusalem.

EILAND, Reuben; Gen. Mng., Tnuva Export Ltd., 70-; b. Hungary, 14.2.1923; to Israel, 1940; ed.: secondary school; Un. course (econ.); m. Zahava, 1946; d. Ilana; s.: Gyora, Dan; Secr. Citrus Growers Assn, 55-57; Dir., econ. branch, Tnuat Hamoshavim, 57-62; Dep. Gen. Dir. (f. econ.), Min. of Agric., 62-67; Secr., Techn. Aid f. South and Central Am. and Caribs (Minister, Isr. Embassy, Venezuela), 67-69; mbr: C.C. Labor Pty; secret. of Tnuat Hamoshavim; Brd of Dirs Keren Hamoshavim; Directorate J.N.F.
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EILON Samuel; D. Sc. (Eng.), Ph.D., D.I.C., F.I. Mech. E., F.I. Prod. E.; Prof. of Industrial & Management Engineering Head Management Engineering Section, Imperial Coll. of Science & Technology, London; p. Assoc. Prof., Technion, Haifa; mbr, edit. comm., Institution of Production Engineers; member, London Advisory Council for Management; educ.; mbr., Operational Research Socty; Assoc. Ed., International Journal of Production Research; editor, Studies in Management Series, Macmillan, London; b. Tel-Aviv, 1923; m. Hannah R. Samuel; 2 s.; 2 d.; educ.: Technion, Haifa; Imperial College, London; Author: "Elements of Production Planning and Control", 1962; "Industrial Engineering Tables", 1962; "Excersises in Industrial Management" (jointly), 1961; "Industrial Scheduling Abstracts", (jointly), 1967; "Inventory Control Abstracts" (jointly), 1968; translations into Hebrew ("Kon Tiki" by Thor Heyerdal, "Biography of the Earth" by G. Gamow); awarded, Whitworth Prizes, Inst. of Mech. Engineers, 1960.
Ussishkin St., Kiryat Motzkin, Haifa.

EISENBERG, Henryk; M.Sc., Ph.D.; Prof. & Chmn, Dpt. of Polymer Research, Weizmann Institute, Rehovot; born in Berlin, 7.3.1921; m. Hana Shechter; 2 s.; educ.: Hebrew U.; Visit Fellowship at Yale U., 51-52; Mellon Inst., Pittsburgh, 58-60; Natl. Instit. of Health, Bethesda. 65-66; Visit. Prof., Clarkson Inst. of Technol., Potsdam NY, 70; Fogarty Scholar, Natl. Inst. of Health, 73; mbr. of other scientific societies; research & publications **in physical** chemistry of polymers, polyelectrolytes, nucleic acids & electrochemical systems.
7, Neveh Weizmann, Rehovot.

EISENBERG, Shaul Nehemia; industrialist; businessman; pres., Tokyo Jew Community, & p. chmn Keren Hayessod-UIA, Japan; att. all Jew economic conferences, held last years in Israel; mbr Brd of Dirs: Israel Corp.

Ltd.; "Zim", Israel Navigation Co. Ltd.; contributor to many important public building projects; b. in Munich, Germany, 12.9.21; att. the famous religious college "Yeshivat Breuer" of Frankfurt a/M; m.: Leah Freudelsberger, 25.12.1942; ch.: Elfriede, Edith, Esther, Eliese, Erwin, Emily; hon. Austrian consul in Seoul, S. Korea; hon. Panama consul in Israel; pres., Eisenberg Export Co. Ltd, Bargad Trading Co. Ltd, Tokyo; pres. Eisenberg Group of Coys; United Development Inc., Panama; Universal Supply Inc. Panama, etc.

12, Nibancho, Chidoya-Ku, Tokyo, Japan; 12, Hagderot St., Savyon, Israel.

EISENMAN, Zeev; Founder & Dir., "Tar Touring Co.", "United Tours", "Tar Investment Co.", "Sharet Ltd.", Zohar Hotel Ltd. — Beer Sheva; mbr, various public c'tees in the tourist trade; b. 8.2.14 in Poland; m. Esther Eisenstein; 1 s.; d.; ed.: Tarbut College Rovno. Active Zionist in Poland.

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EISENSTADT, Chaim; Dipl. Eng. (Electr. Mech.); lctr, cnslt to Govt. & private bodies in the field of high voltage, etc.; electr. training f. power plant maintenance; b. Russia, 28.2.1906; to Israel, 1935; ed.: Caen, Paris U-ies; nostr. Warsaw U., 28-29; m. Luba Rosenman; d.: Bracha, Ziva; eng. power plant Grajewo, 29-31; techn. mng., power plant Brest-Lit., 31-35; mng. of: Substations Dpt. (Switching & Transformer Stns.), Gen. Testing Labs. & Telecommunications, South Distr., Isr. Electric Corp. Ltd., 36-67; plant & maint.: emmergency power station, high voltage, Isr. Aircraft Indust., Lud, 52, 66; Phosphate's Corp., Oron-Negev, 58-61; initiator & co-founder, electric sctn, Eng. & Arch. Un., Tel-Aviv chpt., 44; co-founder, B'nai B'rith, Lishkat Hashelosha, Holon, 52; mbr c'tee, Electr. Engs Un. (Eng. & Arch. Un., T.A.); mbr: B.B. Lishkat R.-Gan, No. 1472 & Free Massons "Achidan", No. 22, R.-Gan; Academicians Club, Histadruth; c'tee f. communications & electronic techn. terminology, Hebrew Language Acad.; co-editor, Dictionary f. communications & electronic techn. terminology, Heb.-Engl. & Eng.-Heb., 70.

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EISENSTADT, Samuel N.; M.A., Ph.D.; F.R.A.I.; Prof. & Chmn, Dep. of Sociology, Hebrew U., 51-69; Dean, Fcty of Econ. & Social Science, 66-68; b. in Poland, 1923; m.: Shulamit Jaroshevsky; 2 s., 1 d.; educ.: Hebrew U., London School of Econ.; mbr of Council, Research & Teaching c'tees, Intl Sociological Assn; Flw, Royal Anthrop. I.; Center f. Advanced Study in Behavioral Sciences, Stanford, USA; visit. prof.: Oslo U., 58; Chicago U., 60; MIT, 62-63; Harvard U., 68-69; U. of Michigan, 70; hon. fllw, London Sch. of Econ.; mbr, Isr. Acad. of Sci. & Humanities; Hon. Frgn Mbr, Am. Acad. of Arts & Sc.; publ.: The Absorption of Immigrants, Routledge and Kegan Paul, London, 1954; also Free Press, Glencoe, Illinois, 1955; From Generation to Generation: Age Group and the Social Structure, 1956; "Bureaucracy and Bureaucratization" — a trend report in Current Sociology, Vol. 7, No. 2, 1959; Political Sociology (ed.) Tel Aviv (in Hebrew), 1955; The Political Systems of Empires, Free Press, Glencoe, III 1963; Essays on sociological Aspects of Political and Economic Development, Mouton and Co., 1964 Essays on Comparative Institutions, John Wiley and Sons, 1965; Modernization: Protest and Change, Prentice Hall, 1967; Israeli Society, Basic Books, New York, 1968; The Protestant Ethic Thesis in Comparative Perspective (ed.) Basic Books, New Fork, 1968; Comparative Perspectives and Social Change, Little, Brown and Co., Boston, 1967; Political Sociology, Basic Books, 71; Social Differentiation & Stratification, Scotts & Freeman; 71.

30, Radak St., Jerusalem.

EISENSTEIN, Ira; Rabbi; D.D.; editor; b. USA, 26.11.1906; ed.: A.B. Columbia, 27; Ph.D., 41; Jewish Theol. Smnry of Am., 31; m.: Judith Kaplan, 1934; d.: Miriam Rachel, Ann Nehamah; Rabbi, Jew. Reconst. Cngrn of the North Shore, L.I., N.Y.; Pres.: Reconst. Found., Reconst. Rab. Coll.; mbr Brd of Cejwin Camps; publ.: Creative Judaism, 36; Ethics of Tolerance, 41; Judaism Under Freedom, 56; What We Mean by Religion, 58; (with Judith K. Eisenstein) What Is Torah ?, Our Bialik, Seven Golden Buttons, Reborn, Thy Children Shall Return; co-editor: The New Haggadah, High Holiday Prayer book, Sabbath Prayerbook; Mordechai M. Kaplan: An Evaluation; Daily Prayerbook; Guide to Jewish Ritual; editor: Varieties of Jewish Belief.

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EKSZTAJN, Yeshayahu; B. Sc.; Ing.; F.I.W.S.P.; M.I. Mech.E.; management engineer, founder & managing dir., Ya'al Associates, Ltd. (Igud Haya'al B.M.), Management Consultants, Tel-Aviv; b. Warsaw, 1923; Isr.: 1940; m. Hanna Gesundheit; 1 s.; 1 d.; educ.: Technion, Haifa; served Israel Air Force; Visit. Lecturer, Hebrew U.'s School of Business Management (58-66); Fellow, p. Chairman, Isr. Assn. of Manag. Consultants; Chairm. Committee on training in manufacturing management, Israel Management Center; mbr., Training C'tee of the Israel Inst. of Productivity; Fellow, Institute of Work Study Practitioners, U.K.; mbr, Inst. of Mech. Eng., U.K.; papers on various management and industrial engineering subjects, in Hebrew periodicals.

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ELAD, Gideon; educator; mbr., Kibbutz Hatzerim, 51-; b. Israel, 13.1.1933; ed.: elem. sch. & HS, Kfar-Saba; teacher's degree (self taught); m. Ruth Koenig, 1953; mbr.: Exec. C'tee of WZO, Ntl Brd of Commissioners, Isr. Scouts Mov.; mbr of natl exec., Israel Scouts Mov., 53-56; ed. emissary to England (Habonim), 59;

ed. emissary to USA (Young Judaea), 64-66; exec. secr., Isr. Boy Scouts, 70; student, Negev U. of Beer-Sheva, 72-73; publ.: poetry & prose, mainly in kibbutz periodicals: "Niv Hakvootsa", "Shdemot", etc.
Kibbutz Hatserim, Negev; Tel. 057-2253.

ELAN, Ephraim (Pickholz Fischel); Dr. (Math., Phys.); Civ. Eng.; p. princ. of High School; b. in Poland; to Israel, 1939; m. Yaffa Greenfeld; d. Vardit (Adv.); secr., J.A., Austria, 32-39; civ. eng. in Pal., 40-42; prof., Techn. HS (Hydraulics), Abadan, 42-45; principal, Vocat. HS, Haifa, 45-48; mng. Holon factory, 49-51; principal, Ort-Krinici, 52-68; editor, Devarim (monthly), 55-; Secr. Gen., Israel-Austria, 56-; Chmn, Kupat Holim "Assaf" Cl., 62-; Pres., BB Lodge "Herzl", 61-; mbr exec. c'tee & chmn., mbrship comm., B.B.; member: C.C. Liberal Party, Brd of Eng. Assn; Bank "Massad"; Municip. Judge, T.A.; Judge, Supr. Court, Histadruth; p. mbr, C. C'tees: K.H., KKL, Hechalutz; Pal. Office, Austria; mbr, edit. brd, Stimme, 26-39; awarded medal by Austrian Govt., f. disting. service, 1970.
15, Mazeh St., Tel-Aviv; Tel. 623062.

ELAN-GREENFELD, Yaffa; M.Sc. (Chem.); dir Milling and Weaving Textile Factory, Cotton Wool & Dyeing Works of the firm Isser Greenfeld Ltd.; p. pres. B'noth B'rith Lodge "Hashahar", vice-pres., B'noth B'rith exec. c'tee, mbr., B'nai B'rith exec. c'tee; b. Byalistok (Russia); m. Dr. Ephraim Elan; d. Vardit; ed.: Caen U.; Research Work in Entomology of Vegetables, esp. on Parthenogenesis of Coccidae (in cooperation with the late Dr. Dina Shenkin).
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ELATH, Eliahu; B.A.; Ph.D.; Pres., Isr. Oriental Scty; Chmn, Brd of Gvnrs', Afro-Asian Institute; Vice-President, ICA; hon. degrees (Hon. Ph.D.) received from the following: Dropsie College, Brandeis Univer., Hebrew Union Coll., Wayne U., Chicago I. of Jew Studies; b. 30.7.1903; ed.: Am U. of Beiruth, Hebrew U.; m.: Zehava Zalel; p. agric. worker, later Head, Middle East Dpt. of the Jew Agency f. Palestine, Corr. f. Reuter's in Lebanon & Syria, Israel Ambassador to USA, Great Britain, & President of the Hebrew U., Jerusalem; publ. studies on polit. & orient topics.
17, Bialik St., Beith Hakerem, Jerusalem. Tel. 524615.

ELAZAR, David; Rav Aluf (Lieutenant General); Chief of Staff, IDF, 72-; Chief, Gen. Staff Branch, (rank of Aluf-Major General), 69-71; b. Yugoslavia, 1925; m.; 3 ch.; ed.: H.U., Jer.; in command of Palmach, attempting break through to the Old-City, 48; training assignments and commands, 49-56; Brigade Commander, Sinai Campaign 56; O.C., Armoured Corps, Northern Command (61-69); comm. forces, conquest Golan Heights, 67.
H.Q., I.D.F.

ELDAD (Scheib), Israel; Ph. D.; author, editor; lecturer, Technion, Haifa; p. Editor of "Divrei Hayamim", "Sulam"; b. Poland, 1910; m. Batia Washitz; educ.: Vienna; to Israel, 1940; leader, L.H.I., editor of its publications; author of "Maaser Rishon"; "Hegionot Hamikra" (philosophy of the Bible); co-founder. Movement for Integrated Israel, 67. Book: The Jewish Revolution, edit. Shengold NY; transl. into Heb. Nietzsche works (5 vols.), Shoken Tel-Aviv.
30 Abarbanel St., Rehavia, Jerusalem.

ELDAR, Reuben; M.D. (Jer.); D.P.H. (Lond.); Dir. Gnl. of Med. Services for IDF (Surgeon General); Physician; b. Ossiek, Yugoslavia, 27.11.26; Isr.: 48; ed.: Hebrew U., Hadassa, Med. Sch. (MD); Lond. Sch. of Hygiene & Tropic. Med. (D.P.H.); Command & Staff Coll., IDF.; m. Eva, nee Smetana; ch.: Dorit, Noa.
16, Schunat Emek Dotan, Tel-Hashomer Tel. 757714.

EL-HANANI (Elchanowicz), Aba; engineer and architect, in private practice; b. Warsaw, Jan. 26, 1918; m. Hanna Reznikov; 1 s.; 1 d.; educ.: Technion, Haifa; several prizes for planning public buildings; mbr, Central C'tee, Eng. & Arch. Assn, Israel; articles in scientific periodicals in Israel and abroad.
27 Shlomo Hamelekh St., Tel-Aviv, Tel. 238948.

ELIACHAR, Menache Henri; Pres., Jerusalem Chamber of Comm., 50-; Cavaliere del Ordine al merito (Italy); b.: Jerus., 28.9.1901; m. Rachel Kokia; 1 s.; 1 d.; educ.: Reali Haifa, Lycee Francais,, Cairo; Law classes Jerus.; founder, Union of Employees, 24; Mbr., Natl C'tee, KH, -25; Chmn, "Ezra Ubitzaron" Fund (-30); founder & Dir., Jerus. Develop. Co. Ltd. (-34); Mbr., Municipalities Comm., -35; Mbr., Govt. Marketing & Econom. Brd, 35-42; on pol. mission to Egypt, by "Kedma Mizraha", 1937; Chairman: Anti-Tuberculosis League, 37-40; Relief Comm. for Disturbances' Victims, 47; Founding Mbr., Jerus. Devel. Corp. Ltd., 47; Mbr., Pro-Jerus. Higher Comm., 48; Founding mbr., Jerus. Convention Centre Comm., 50; Chairman, Comm. for Build. Fund Maccabee, 52; Mbr., Econ. Board, P.M's Off., 55-59; Mbr., Comm. for Ports, 46-54; Found. Mbr., Isr. Nat. Oil Co. Ltd., 56-65; Chairm. Comm. Build. Found, Bet Ha'hagana Jerus., 58-67; Repres. on Congr. for Research & Marketing, Rome, 59; Head, Deleg., Isr. Chambers of Commerce to Intern. Congr. of Chambers of Commerce (C.I.C.C.); Rome, 50; Munich, Copenhagen, 57; Madrid, 58; Mexico, 63; New Delhi, 65; instrumental in I.C.C. decision to hold 107th Counc. Meeting in Jerus., 66; Deleg. to I.C.C. Congresses: Montreal, 67; Vienna, 71; Mbr: Brd of Govnrs, H.U. Jer.; Wld Jew. Bible Scty; C'tee f. Bible Research in Israel; award: "Yakir Jerushalaim", 72; Mbr of Cl., Post Office Bank.
24, Alharizi St., Jerusalem.

ELIAD, Nissim; lawyer; M.K., 68-69 & 69-; p. Sec'y Gen. ILP; b. in Tiberias; educ.: law & oriental studies (Hebrew U.); m. Ruth

Kraushar; ch.: Talia, Orna, Ganit; in charge of Arab Dpt., ILP; to the 6th Knesset, after M. Rosen's resignation, 23.12.68; to the 7th Knesset, after resign. of Tourism Minister Kol; permanent collab. to "Temuroth" (monthly); in private practice, specializing in civil indemnities.

23, Tzimhei Hayehudim, Tel Aviv.

ELIAKIM, Marcel; Prof. of Med., 69-; w. H.U. Jer., 52-; w. Hadassah U. Hosp., 54-; Head, Dpt. of Med. A., 69-; b. Bulgaria, 2.6.1921; m. Caroline Sussman; s. Abraham, Alon; Inst. in Med. 1957; Lecturer, 60; U.S. Army grant for res. in cardiovascular physiology at Pennsylvania U., 1960-61; Dir. Univ. Instit. of Postgraduate Medical Training, Hadassah Medical School & Kupat Holim (62-66); Assoc. Prof., 1963; articles in local and foreign medical journals; edited 2 books.

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ELIAN, Ezra; M.D.; Clinical Lctr, Tel-Aviv U.; Head, Dpt. of Pediatrics, Sharon Hosp., Petach-Tikva; b. Oradea, Rumania, 20.5.1922; to Israel, 1949; 2 s.; mbr. of C.C.: Isr. Med. Assn. & Kupat Holim Physicians Org.; mbr.: Intl Cystic Fidrosis Found., European Pedlatric Scty.

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ELIAV, Arie; M.K.; Secretary Gen., Labour Party (Ha'avoda), 69-71; p. Dep. Min., Min. of Immigr. & Absorption, 69; b. Moscow, 21.11. 21; m. Tania Zvi; 2 s., 1 d.; educ.: Hebrew U. & courses in Agric. & Adm. in U.K., under F.A.O. grant; to Israel, 24; mbr Hagannah, 36-39; Hebrew U. (Biology), 39-40; British Army, 41-45; mbr "Shai"-Hagannah Intelig. Agency, 45; organized camps f. Jewish refugees & illegal immigr. to Israel, 45-47; joined I.D.F., War of Liberation, Lt. Col., 47-49; assist. to Levi Eshkol (dec.) Min. of Agric., later Min. of Finance, 49-53; courses in Adm. & Agric. Econ. at Reading & Cambridge U., 53-54; instructor in new agric. Moshav, 54; dir., Lachish Region Development Project, 55-57; commander, rescue operation, Port-Said Jews, 56; Hebrew U. (Gen. History & Sociology), 57-58; First Secr., Israel Embassy, Moscow, 58-60; dir., Arad Region Develop. Project, 60-62; dir., Chazvin Area Develop. Project, Iran, 62-63; mission to U.S.A. on behalf of "Beit-Hillel", 64; head org. dpt. of "Mapai", 65; dep. Minister of Industry & Commerce, 66-67; author: "Bein Hapatish Vehamagal" (under the pen-name Ben-Ami), 65; "Hasefina Uluha", 67; "Yeadim Chadashim Le'Israel" (New Targets for Israel), 69; "Kfitzat Haderech", 1970; "Eretz Hatzwi", 1972; publ. articles about settlement problems, absorption of immigr. & regional planning.

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ELIAV, Yaacov; dir. of coys; B.A.; Gen. Mng. "Brinks" (Isr.) Ltd., 65-; b. Russia, 15.9.1918; to Israel, 1925; att. H.U., Jerusalem; m.: Hana Mossayof; 2 ds., 1 s.; joined IZL underground, after grad. from Herzlia Gymn.; switchover to LHI undergr. movement, mbr of H.Q. thereof; on underground assignments to Europe during the war; app. second-in-comm. of IDF Regim. unit, under Moshe Dayan, 1948; discharge, rank of Sgan-Aluf; app. Security Officer, Bank of Israel, 58-65; p. edit., military dpt., "Haaretz", daily; publ. on military issues in IDF periodical "Maarachot", etc.

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ELICHAI, Baruch; artist; art teacher, Reali Sch., Haifa; b. 16.10.1923, Frankfurt A/M; to Israel, 1948; ed.: Samson Raphael Hirsch Sch. & Breuer Jew. Coll., Frankfurt; Art. Politechnic, London; Bezalel Acad., Jer.; wood-cut w. J. Steinhard; litographie, Haifa U.; m.: Hanna Horowitz; ch.: Naomi, Nira, Janiv; exhib.: Haifa & T.A.; one-man shows, 65, 68, 69, 72; books' illustrations; art posters & programs; design., exhibs f. kibbutzim & schs, stage settings scenery, emblems etc.; paintings & charcoal drawings, priv. coll., Isr. & abroad; mbr, Isr. Artists Assn; p., art teacher, Evelyn de Rothschild, Jer.; Neurim Sch., Kfar Vitkin; Distr. Sch., Kibbutz

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ELIRAZ, Israel; writer, playwright; teacher; b. Jerusalem, 24.3.1936; educ.: Hebrew U., Jer. & Sorbonne; m.; 3 s.; publ.: "Tin Swings" (novel); "The Last to Fly" (short stories); "A Sunner of Gold" (novel) & collection of "Three plays"; „Three Women in Yellov" (play), first prize in national competition (1963) accepted for production by "Habimah"; first produced in English, London, 1968; "The Bear or King and Rebel" (play), first prize in same competition, 1965; produced 1968 by Haifa Municipal Theatre; "A Long Way from the Sea" (short play), produc. in Paris 25.6.65 (Theatre Monparnasse, Gaston-Batty); published in "L'Avant Scene", 1966; "The Banana" (short play), produced in Paris, Cafe-Theatre "Aux 2 Ponts" 13.3.68; "One Inch of Happiness', produced as radio-play, May 68; Libretto "Ashmadai", music by Joseph Tal, 71; "Round Trip" (Habimah), 71; Libretto "Massada 967", Isr. Festival, 73; "Persian Protocoles", Khan Theatre, Jer., 73; recip. Akum Prize, 63.
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ELON (Fetter), Menachem; M.A., Dr. jur., rabbi; advocate; Assoc. Professor of Jewish Law & Dir. Instit., Research in Jewish Law, Hebrew U.; b. 1.11.23, in Germany; m. Ruth Buxbaum; ch.: Arie, Josef, Benjamin, Mordehai; Avital; educ.: Yeshivat Hebron, Jerus.; Law School, Tel Aviv; Hebrew U.; private legal practice, 1951-54; Senior Assist. Attorney General, 1955-62; publ.: "Freedom of the debtor's person in Jewish Law"; Editor, "Indices to the Responsa of Jewish Law; treatises on legal topics, Jewish Law; Editor, Jewish Law Division, Enciclopaedia Judaica.
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ELROM (Gordon), Gideon; M.B.A.; Pres., Teshet Ltd.; Vice-Pres., Plan. & Devel., El-Al Israel Airlines; b. Jerusalem, 20.7.1922; m. Erella Ziv; 2 d.; ed.: Columbia U.; Pilot R.A.F., 40-46; Jew. Agcy Political Dpt., 46-48; Israel Air-Force (rank of Col.) 48-64; joined El-Al

as Vice-Pres. — Comptroller, 64-66; Vice-Pres. — Economics, 66-68.
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ELRON, Baruch; art. painter; b. Bucharest, 10.10.1934; to Israel, 1963; ed.: Acad. of Fine Arts, Bucharest, M.A.; m. Lidia, 1961; 1 s.; took part in exhibs.: Sao Paolo, 58; Bienale de Milano, Moscow (Youth Festival Exhib.), 59; Dresden (Book Exhib.), 60; Beit Sokolov, T.A., 66; Maskit, Orit Gall., T.A., 67; New-York, 67; N.Y., Montreal, Toronto, 69; Traklin Haifa, 70; Chemerinsky Gall., T.A., 71; illustrations & jacket-designs f. 134 books; paintings acquired by important art collections in Israel, Europe, USA & Canada.
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EPSTEIN, Benjamin; Prof. Technion & Head of Statistics Area within Fcty of Ind. & Mngmnt Eng., 70-; b. 5.3.1918, Boston, Mass.; to Israel, 1968; ed.: Mass. Inst. of Techn., B.S., 37; M.S., 38; U. of Illinois, Ph.D. (math., phys.), 41; m.: Molly Hoffman; ch.: David, Carl, Sibyl; U. of Ill., instructor, 41-42; Frankford Arsenal, math. & statistician, 42-44; Westinghouse El. Crp,. staff statist., 44-45; lctr, Carnegie Inst. of Techn., 45-48; Wayne State U., Assoc. Prof., 48-55; Prof., 55-60; Vis. Prof.: Stanford U., 57-60; U. of Calif. Berkeley, 65-66; Technion Haifa, 68-70; cnslt, 60-68; cnslt to gvt., indust. & res. orgs; fllw: Am. Assn f. the Advencement of Sci., Inst. of Math. Statist., Am. Statist. Assn, Am. Scty f. Quality Control; mbr: Sigma Xi, Am. Math. Scty, Math Assn of Am., Scty f. Indus. & Applied Math., Operations Res. Scty of Am., Inst. of Mngmnt Sci., Biometric Scty, Operations Res., Scty of Isr., Isr. Scty f. Quality Assurance, Intl Assn f. Statistics in the Phys.

Sci.; publ.: over 60 papers & many techn. reports on statistics & its applications; recip.: Electron. Div. of ASQC Award (f. outstand techn. contrib. to the field of reliability & quality control), 65.

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ETZIONY, Moshe; Dr. jur; Supreme Court Judge, 71-; Pres., Distr. Court Haifa, 69-71; b. Poland, 1908; m.; 2 s.; studies in Poland, 1936; in private practice, 42-45; legal adviser, Heavy Industries Dpt., Pal. Govt., 45-48; app. Magistrate, Tel-Aviv, 48, & subsequently Chief Magistrate, Haifa; Relieving Pres., District Court, Haifa, 60-69.
4, Leonardo da Vinci St., Haifa.

EVAN, Uri; mng. dir.: Incoba Investment & Trust Co. Ltd.; Engineering Serv. Israel Ltd.; dir.: Engineering Services International Ltd.; A. Reichman & Partners Engineering & Services Ltd.; b. 23.2.1936, Israel; ed.: Technion Haifa — B.Sc. (Civ. Eng.), 61; M.Sc. (Indus. & Mngmnt Eng.), 68; m.: Ruth Shariv; s.: Yoram; 2 d.: Ayelet, Tamar; head, Program. & Control Center, Water Planning f. Isr., 63-64; w. Tahal Consulting Engs. Ltd. — dir. of org. & eng. admin., 64-66; vice-pres. f. operations, 67-68; p. lctr, Technion Haifa; mbr: mngmnt of Isr. Mngmnt Center; Isr. Assn f. Operations Res.; Am. Inst. of Mngmnt Sci.; Isr. Assn f. Information Processing.
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EVANS, Emanuel Joshua; bus. exec., city official; Zion. leader in the south (has led many campaigns f. fund-raising f. Isr.); NC state chmn, Bonds for Israel; b. Fayetteville, NC; ed.: U. of NC, Chapel Hill, B.A., 28.; m.: Sara Nachmanson; ch.: Robert, Eli; mayor, Durham City, 51-63 (app. by

the Pres. to serve on Advis. Cl. of the Office of Emerg. Plann. & Secr. of Defense); pres., U. of NC Alumni Assn, 72-73 (repic. "Distinguished Alumnus Award", 72); worked closely w. the Am.-Israel Public Aff. C'tee & was the official Jew. represent. to congressmen & senators in Washington; a devoted friend to Israel & its causes; listed in the Israel Honorarium.
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EVANS, Sara N.; bus. exec., communal worker; mbr, Natl Brd of Hadassah (f. 30 years), natl vice-pres., 54-57, & hon. mbr of Natl Associates; hon. pres. & life mbr, Durham Chptr of Hadassah; mbr of Hon. Cl. (p. pres., 40-44), South. Seabord Reg. of Hadassah; b. 2.7.1905, Baltimore Md.; ed.: Goucher Coll., Baltimore; Duke U., Durham NC; m.: Emanuel J. Evans; ch.: Robert Mayer, Eli N.; secr.-treas: Evans Un. Dept. Stores, 35-; Jefferson Invest. Co., 48-; Evans Invest Co., 53-; brd of dirs, Cape Fear Feed Prod. Co., 60-69; chmn, UJA Women's Div., North Carolina, 52; pres., Durham Fed. of Jew. Charities, 58-61; mbr, Natl Brd of Dirs, UJA, 60; mbr: brd of dirs, Durham Un. Fund; NC State Assn, State Brd of Am. Assn of UN; Natl Confer. of Christians & Jews; League of Women Voters; NC Symphony Orch. Assn; Beth-El Syn. Bldg C'tee, 58; Israel Bonds, 62; listed in "Israel Honorarium" (f. outstan. contrib. to Zion. & Israel); 8 trips to Isr. in recent years.
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EVEN-SHOSHAN, Abraham; M.A.; Principal, Hebrew Teachers' College, Beth Hakerem, Jerusalem; b. Russia, 1906; m. Zyvah Cohn; 1 s.; s d.; Educ.: University and Teachers' Seminary; to Israel, 1925; at London Institute of Education (Palestine Govt. Scholarship), 1936; head, Language Department, Ministry of Culture and Education, 1951; Author of the "New Hebrew Dictionary" (5 vols.).
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EVIATAR, Aharon; snr lctr, Dpt. of Environmental Sci., Tel-Aviv University, 68-71; Associate Professor, T.A. U., 71-; b. Duluth, Minn., USA, 20.2.1931; to Israel, 1949; ed.: H.U., Jer., B.A. (humanities) 56, M.Sc. (physics) 61; U. of Maryland, USA, Ph.D. (physics) 66; m. Daphne Ashbel, 1953; d.: Zohar, Hadass; mbr, editorial brd, Cosmic Electrodynamics (Journal of Geo-Astrophysical Plasmas); mbr of technical staff, Bell Telephone Lab., N.J. USA, 66-68; mbr: Am. Geophysical Un., Isr. Un. of Geophysics & Geodesy; Intl Radio Sci. Un. URSI, Israel repr. comm. magnetosphere, 71; author of sci. papers on the following subjects: Meteorology & Climatology, Plasma Physics, Charged Particles & Fields in the Terrestrial Magnetosphere, Thermodynamic Properties of the Solar Wind.
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EVRON, Boas; journalist; theatre critic, columnist, 56-; b. Israel, 6.6.1927; ed.: grad. "Herzlya" HS, T.A., 44; H.U., Jer. (hist., soc.), 45-46; Tel-Aviv U., B.A. (philosophy, hist.), 70; m. Miriam Rubinstein, 1948; s.: Gilad, Yoav; "Haaretz" daily, critic & columnist, 56-64; "Yedioth Aharonot" daily, 64; corresp. on Isr. cultural aff., "Le Monde" — Paris, 66-67; acting principal & mbr of the brd of trustees, State Drama Sch., Ramat-Gan; mbr: mng. brd of Israel Arts Cl., Isr. T.V. repertory-planning c'tee; author of critical essays & stories in Isr. periodicals; p. mbr of "Semitic Action" (a political group) & co-editor of its publication "Etgar".
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EZRAHI, Joseph; Town Clerk Lydda; member, Central Committee, Partisans Organizations; b. Poland, Dec. 21, 1918; m. Mina Bromberg; 1 s.; 1 d.; Educ.: Tarbuth Secondary school, Poland; joined Polish partisans, mbr underground movement, 1945; joined Polish Army, as officer, 1947; worked in Poland for Jewish Agency, Youth Aliya, 1948; to Israel, 1948; officer in I.D.F.; Department of Custodian of Enemy Property, Jaffa, 1952.
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FAERBER, Meir; journalist; mbr, Isr. Press Cl.; w. edit. staff of "Yedioth Chadasoth"; Israel corr. Jewish papers abroad; b. Moravska Ostrava, April 29, 1908; m. Sara Ilana Tutelman; s.: Aron, Daniel; ed.: Com. Academy Brno; co-founder Revisionist movement and Jewish State Party in CSR; to Israel, 1934; founder & chmn, Israel-Austrian Assoc., 56-63; President "Theodor Herzl Lodge", 61-63; Pres., Haboneh Hazioni B.B. Lodge, 66-68; publ.: „Auf der Flucht erschossen". Drama, 1933, Anvers; "Residenz Schuschan", Drama, Tel Aviv, 1944; "Dr. Emil Margulies", Biography, Tel Aviv, 1949; "Das Parlament Israels", Tel Aviv, 1958; "Marchen und Sagen aus Israel", Dusseldorf, 1960; "Gefuhl und Gedanke", Lyrics, Ostrava, 1928; 2 volumes satirical poems; several booklets and 2 books for children in Hebrew; "Die Israel Führen", Tel-Aviv; translations, etc.

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FAINE, Hy; p. Natl Pres., Poalei Zion, United Labor ZO of America; Chairm., Natl Exec. Comm. of the Americ. Zion. Council; mbr.: Natl Exec. Comm., JNF; Natl Exec. Comm. ATU Council of Natl Comm. f. Labor Israel; Conference of Presidents; Exec., Wld Labor Zion. Mov.; Wld Zion. Gen. Council; Lab. Council UJA; Natl Brd of Dir of the Natl Comm f. Labor Israel; b. in 1911; m.: Ruth, d. Mrs Yair Kurtz, Kibbutz Hazerim & Mrs Burt Grayman, NYC; educ.: Teachers' I. Yeshiva Coll. NY; NY City Coll: BA dgr in Psych; LL.B., Harvard U. Law Sch., admitted to NY State Bar (39); Spec. courses in Labor relats & Adm.: New Sch. f. Soc. Research, NY; U. of Chicago; NY U. Sch. of Bus. Admn.; serv. with the US Army (-46); Natl Exec Secr of the American Guild of Musical Artists (1946); Advisor, Labor Relations, Min of Labor, Israel (55-56); Local Exec, Chicago Local, Amer. Fed. Radio Artists (43-44); Labor Member, Tripartite Panel, War Labor Board, Chicago Region (43-44)); Natl Field Repres, Amer Fed. of Radio Artists (40-43); mbr.: N. Y. State Council on the Arts; U. S. State Department Cultural Exchange Program; Nat'l Council on Government and Arts; Natl Vice Chairman; Assoc. Actors and Artists of Amer. (AFL-CIO): Natl Treasurer; Intl Secr of Entertainment Unions within the Intl Confeder of Free Trade Unions (ICFTU): Intl Vice Pres.; Inter-Amer Confed of Entertainment Workers: Intl Vice-Pres; mbr. Brd Americ Theatre Wing; N.Y. Theatre Authority, Treasurer; mbr. Brd National Jewish Music Council; Trustee, George Heller Memorial Fnd.; mbr. Advisory Brd, N.Y. High School of Performing Arts.

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FALLIK, Alexander; M.D.; Dir., Govt. Hosp. Ness-Ziona, affiliated to the Tel-Aviv U. Med. School, 54-; b. Drohobycz (now USSR), 26.8.1917; to Israel, 1939; ed.: Fcty of Med., Rome U.; m. Rina Bernstein; 2 ch.

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Peace in the M.E.; b. 21.5.1917; ed.: U. of Missouri, A.B., 39; U. of Iowa, Ph.D., 46; m.: Billie Frances Gulko; ch.: Ronna Ellen, Deborah; to Isr., 68, 71-72; p. visit. Prof. of Psychol.: Wisconsyn U., Stanford U., Oklahoma U., H.U. Jer.; fllw., Am. Psychol. Assn.; Pres., Midwestern Psychol. Assn, 61-62; Psychonomic Socty; Edit.: Journal of Experimental Res. in Personality, 65-71; "Psychology", Dodd, Mead & Co., 65-; Cnslt. Edit.: Journal of Abnormal & Soc. Psychology, 55-61; Journal of Personality 54-61; Journal of Abnormal Psychol., 73-; Am. Assn. of U. Professors; mbr, Study Section f. Psycho-pharmacology, Natl Inst. of Ment. Health, 62-66 (chmn, 66-67); sen. res. fllw., C'tee on Intl Exchange of Persons, 71-72; publ.: experimental & theoretical articles on personality dynamics, motivation, behavior theory, etc.

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Natl Exec., ZOA; pres., Bitzaron, Heb. monthly, 50-; mbr: brd of trustees, Temple Beth-El, Manhattan Beach, 40-; Manhattan Beach J. Ctr, 33-; b. 1894, Nemonaich, Lithuania; ed.: B.S., C.E.; also, studied Talmud in Vilna, Grodno & 2 add. Yeshivot; widower; s.: Leonard; d.: Shila Baum; publ.: Verdant Melody, Heb. poems (Manghina Morika, edited by "Eked", 69); essays in: Bitzaron, Moznayim, Gyljonot; articles in Yddish Press (Der Tug, Jewish Morning Journal); recip. many awards by ZOA & UJA.

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FINKEL, Shimon; actor; Artistic Dir., "Habimah"; b. Grodno, Dec. 8, 1905; 1 d.; Educ.: Religious school; Reinhardt Drama Academy, Berlin; to Israel, 1924; joined Habimah, 1927; played leading roles; awarded Jewish Agency prize (1946) for his performance of "Hamlet"; Tel-Aviv prize for "King Lear", 1957; Gnessin prize for principal role in "Touch of the Poet" by Eugene O'Neill, 1960; Israel Prize 1969 for his achievments; publ.: "On Stage & Backstage", 1968.

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FIRESTEIN, Chester; member of the UJA Exec. Committee and Natl Campaign Cabint, and General Chairman for the 1972 Los Angeles United Jewish Welfare Fund Campaign; p. member of the UJA Young Leadership Cabinet and was its Regional Chairman f. Southern California; Board member of the UJA Israel Education Fund; Treasurer and member of the Board of Dirs. of the Jewish Federation Council of Greater Los Angeles; member of the Council's Public Information and Community Relations Committees; Associate Chairman of its Committee on Leadership Development; Chairman of the Los Angeles United Jewish Welfare Fund, 71; mbr, Pacific Southwest Regional Advisory Board of the Anti-Defamation League; p. Chairman of the Community Service Committee; Chairman of October 68 UJA Young Leadership Cabinet Mission to Israel; Chairman of the December 69 Los Angeles "Operation Israel" Mission; recip.: Robert Greenberg Leadership Award; Exec. Vice-Pres. of Max Factor and Company.

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FISCH, Harold; B.A., B. Litt. (Oxon.); Prof. of English, Bar Ilan U.; b. Birmingham, 25.3.23; m. Frances Joyce Roston; 4 s.; 1 d.; Educ.: Sheffield and Oxford univer. Lecturer in English Language and Literature, Leeds U., 1947-57. Visiting Professor, Bar-Ilan U., 1957-58; Assoc. Professor, 1958-64; visiting Assoc. Professor, Brown U., 65; Visit. Prof., U. of Mariland, 71-72; publ.: "The Dual Image" (1959); "Jerusalem and Albion" (1964); (edited) "Man's Mortality", by R. Overton (1968); articles (Heb. and Eng.) on literary and intellectual history; transl. Haggadah (Koren, 1965) & Torah, Haftarot (Koren, 1967); Jerusalem Bible (Koren, 71); "Hamlet and the Word", 71.

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Marjorie, Julie, Philip, Mary; Chmn, Exec. C'tee, Jew Welfare Feder of Detroit; Mbr, Brd of Dirs, Sinai Hosp. of Detroit; Chmn, Brd, United Israel Appeal; Chmn of the Brd, American Jewish Committee; honorary degrees — Ph.D., Bar Ilan U., 1967; Ph.D., Albion College (Bus. Admin.); Ph.D., Detroit Instit. of Technology (Dr. of Humanities); p. Pres., Aurora Gasoline Co.; mbr, brd of dirs, Am Petroleum I.; p. chmn, Allied Jew Campaign, Detroit; chmn, United Foundation; clubs: Franklin Hills Country (v.p.).
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FISHMAN, William; corp. exec. (Pres., ARA Serv. Inc., Phila., 64-); Pres., Jewish Publ. Scty of Am.; Hon. L.L.D., Lincoln Memorial U.; Hon. D.B.A., Bryant Coll.; Phi Beta Kappa Fllw, Brandeis U.; b. Clinton, Indiana, 26.1.1916; ed.: U. of Illinois, B.A. (cum laude), 36; pol. sci. internship working with Exec. Dpt. in Wash. D.C., drafting soc. security legisl.; grad. study in publ. adm., U. of Chicago, 36-37; m. Clara Kay Silvian, 1936; ch.: Alan, Fred, David; mbr exec. c'tee, Fed. of Jew. Agencies of Greater Phila.; mbr of clubs: Locust, Phila.; Standard, Chicago; Harmonie, NYC & Philmont Country, Phila.: Automatic Merchandising Co., Chicago, v.p. 46-56; pres., 56-59; Dir: Phila. Orchestra Assn, Phila. Music Acad., Crime Comm. of Phila., Fidelity Bank (Phila.), Greater Phila. Chbr of Commerce, Robin Hood Dell Concerts, Americans f. Competitive Enterprise System (ACES), Natl Automatic Merchandising Assn., Hearth Assn of Southeastern Penn.; vice-pres., Big Brothers of Am.; mbr exec. c'tee, Phila. US. Savings Bond campaign; Pop Warner Little Scholars Service to Youth Awards, 69.
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FLANDERS, Harley; Prof. Math., Tel-Aviv U., 70-; b. Chicago, Illinois, 13.9. 1925; to Israel, 1970; ed.: Ill. I. of Techn., 43-45; U. of Chicago — 45-46, B.S.; 47, M.S.; 49, Ph.D.; m.; 2 ch.; p. Betman Res. Fllw, Calif. I. of Techn., 49-51; U. of Calif., Berkeley — Instructor, 51-53; Assist. Prof., 53-57; NSF Fllw, England & Israel, 57-58; U. of Calif., Assoc. Prof., 58-60; Prof., Purdue U., 60-70; Sabbatical, U. Coll., London, 65-66; mbr, edit. brd, Carrs Math. Monographs, 57-62; assoc. editor: Transactions, AMS, 58-62; Am. Math. Monthly, 66-68 (editor, 68-); Dir.: OOR Res. Contract, 55-57; NSF Summer I., Jr. Res. in Math., 59; NSF Teacher Training Program, 59; ONR Research Contract, 60; Chmn: N. Calif. Sect., MAA, HS Teachers contest, 57; Indiana Sctn, MAA, 63-64; 2nd Vice-pres., MAA, 63-64; recip., Lester Ford Award, 69; res. interests: Algebra, Number theory, Differential Geometry; over 40 res. papers, expository articles & notes in the field of his sci. specialisation; books: Differential Forms with Applications to the Physical Sciences, 65 (also Japanese & Polish transl.); Calculus (w. R.R. Korfhage & J.J. Price), 70; C. Loewner's Lectures on Continuous Groups (w. M. H. Protter).
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FLEISCHER (GOLEH), Ezra; writer; Prof. of Lit., H.U. Jerusalem; b. Timisoara, Rumania, 1928; grad. in Law, 1950, Bucharest U., & Ph. D., Hebrew U. (1968); mbr cnslt, Hebrew Language Acad.; m.: Anat Rapoport; 2 children; to Israel, 1960; awarded Israel Prize f. Literature, 1959; publ: Fables, Sinai, 1957; "Massa Gog", 59; "Behehalek Laila", Mossad Bialik, 1960; transl. "Mistery City", by A. Sutzkever, Am Oved, 1964, as well as studies in ancient and medieval Hebrew poetry, etc.
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25th & 28th WZC; Biltmore Confer., 42; Am. Zion. Assbly 53; Am. Jew. Confer., 43-47; Pres., L.D. Brandeis Zion. Distr., 27, 50-51; Chmn, Brooklyn Div., Un. Syn. of Am., 58-60; Mbr, Natl Cl., USA, 54-64; Exec. Brd, Am. KH, 45-56; Adm. C., AJCN, 49-62; Zion. Archives & Library Comm., 46-60; Brd of Educ., YM & WMHA, Newark, NJ, 27-29; Adm. Comm., ORT, 47-59; w. U.S. Navy, 18-21; admitted to NY State Bar, 23; p. w. Bullowa & Bullowa; Lind & Marks; Nathan Hubbard Stone; Tenzer, Greenblatt, Fallon & Kaplan, trial counsel, 44-; edit. Radiant Light, Knights of Pythias, 23-26; Alumni Bulletin, Rabbi Jacob Joseph Sch., 47-50; publ.: "Life & Times of Max Pine"; "Zavel Zilberts, His Life & Works"; articles; awards & hons: U.S. Treas. Dpt. f. serv. in WWII U.S. Bond Drive; NYC f. Civil Defense serv.; UJA; Isr. Bonds; B'nai Zion; J.Th.S.; JNF; Shaare Torah Cngn; Brooklyn Zion. Reg.

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FLOWERS, Brian Sir; F.R.S.; Rector, Imperial Coll. of Sci. & Technol., London, 73-; b. Swansea, 13.9.1924; ed.: Gonville & Caius Coll., Cambridge, M.A.; U. of Birmingham, D.Sc.; m. Mary Frances Behrens, 1951; 2 stepsons; Head. Theor. Physics Div., AERE, Harwell, 52-58; Prof. of Theor. Phys., Manchester U., 58-61; Langworthy Prof. of Phys., 61-72; Chmn, Sci. Res. Cl., London, 67-73; mbr, Brd of Governors, Weizmann I., 69-; awards: FRS, 1961; knighted, 1969.

Imperial College, London SW 1, England.

FOGUEL, Shaul Reuven; Associate Professor of Mathematics; b. Tel-Aviv, 1931; M.Sc., Jerusalem, 1955; Ph.D., Yale U., 1958; temporary mbr, Inst. of Mathematical Sciences, New York U., 1957-58; Asst. Prof., U. of Calif., 1958-60; Visiting Assoc. Prof., Northwestern U., U.S., 1963-64. Hebrew U.: Lecturer, 1960; Assoc. Prof., 1964.

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FOLMAN, Mordechai; Prof. of Chem., Technion Haifa, 67-; b. 14.4.1923, Lodz, Poland; to Israel, 1950; Inst. of Techn. (Polytechnic), Lodz, 45-50; Technion Haifa, 51-54; Cambridge U., England, 56-58; M.Sc., Eng., Ph.D., D.Sc.; m.: Wanda Rein; 2 d.: Orna, Dorit; s.: Ariel; res. chem., Chem. Lab. of Isr. Navy, 50-51; lctr in phys. chem., 54-58; res. flwship, Cambridge U., 56-58; snr lctr, 58-63; assoc. prof., 63-67; res. flw: N.B.S. Washington, 66-67; Bristol U., 67-68; visit. res. prof., Royal Scty, Imperial Coll. of Sci. & Techn., London, 73; numerous publ. in: surface chem., infrared spectroscopy of absorbed molecules, dielectric absorption & field emission microscopy.

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FORSTER, Ioel (Julius); contractor; b. in Austria, Dec. 1906; technical high-school in Vienna; m.: Luba Neuberger (M. Phil.); wrk, Jerusalem, since 1940, as approved contractor of the British Forces in Palestine; mbr of Hagannah, instrumental in aquiring most of British Army camps in Palestine for the Hagannah forces (incl. Sarafand); Tel Aviv businessman, 50-; mbr B. B. Theodor Herzl Lodge.

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FORTE, Roger; businessman, exporter; pres. Keren Hayessod-UIA, Bolivia; pres., Jew Community of Cochabamba, Bolivia; b. 17.6.1920, in Cairo; ed.: Egyptian Certif. of Studies (Gen.) & of Mathematics; matric. London U.; m.: Ivonne Antaki, 6.3.1949; ch.: Nissim, Isac, David; active in exchange business.

Calle Juan Caprilles, Cochabamba, Bolivia.

FOX, John; Chairman, Isr. Bond Comm., Greater New Haven; Pres., Connecticut Zionist Region (46-48); Professional Eng., founder, chairm. of brd Fox Steel Co.; C.E. degree, Cornell U.; b. in Tokay, Hungary, 22.2.1896; m.: Rose Greenberg, 21.9.1925; ch.: Laurel Fox Vlock, Marian Fox Wexler; President of:

NH Jewish Comm. Council; Community Center; Probus Club; Zionist District; Interservice Clubs Comm.; Jew. Comm. Center Camp Laurelwood; Pres. Congregation B'nai Jacob, New Haven.
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FRAENKEL, Aviezri S.; math.; snr sci., Dpt. of Applied Math., Weizmann Inst., 62; assoc. prof., Dpt. of Math., Bar-Ilan U., 67- (chmn of Dpt., 67-69); editor, The Journal of the IPA, 72-; found. & dir., Responsa Retrieval Project; b. 7.6.1929, Munich, Germany; to Israel, 1939; ed.: Technion Haifa, B.Sc. & Dipl. El. Eng., 53; M.Sc., El. Eng., w. distinction, 57; UCLA, Ph.D., Math., 61; m.: Shaula Babad; 6 ch.: Yedidya, Yigal, Amir, Yael, Abraham, Yishai; electron. eng., Isr. Army, 53-54; student & res. assist., UCLA (Fulbright Travel Grant), 57-61; assist. prof., U. of Oregon, 61-62; chmn, IPA HS Computer Ed. c'tee, 65-66; mbr, IFIP TC-1 c'tee on scndry sch. ed. in computer sci., 68-70; pres., Isr. Math. Assn, 70-72; mbr: Isr. c'tee f. Codata; exec. c'tee of IPA; edit. brd, Datenverarbeitung im Recht; about 35 publ. in math. & computer sci.; recip.: Feder Foundation Prize of the AOJS, 72.
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FRANKEL, William; Edit., Jewish Chronicle, 58- (Gen. Mng., 55-58); Dir.: Jewish Chronicle Ltd.; Jewish Gazette Ltd.; Vallentine, Mitchell & Co. Ltd.; b. 3.2.1917, London; ed.: elem. & scndry schs, London; U-ies of London & Cambridge; LL.B. (Hons.); C.B.E.; divorced; 1 s.; 1 d.; Barr. at Law, practised, 44-45; Justice of Peace, Cyt of London, 63-69; Visit. Prof., J.T.S. Am., 68-69; edit., "Friday Nights", 73.
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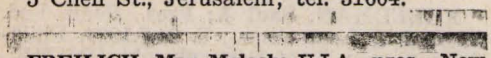
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FRIEDMAN, Tuvia; Journalist; Pres., Documentation Institute (Haifa) & World Union of Jewish Nazi Victims; b. 23.1.22 in Radom (Poland); m. Dr. Anna Gutman, M.D.; s. Roni; ed.: Phil. & Journalism at Vienna, Zurich U.; well known anti-nazi activ, escaped to the partisans in 44; anti-nazi investigator, Danzig Police (45-46); founder, dir., Docum. Inst. in Vienna, on behalf of Hagana (46-52); in Germany & Austria, Jewish postwar activities; Dir., Yad Vashem, Haifa (54-57) & Documentation Inst. (57-); To Isr.: 1st with "Hakoah" to the Maccabiada, 50, & finally, in 52; instrumental in arrest & trial of over 1,000 nazi criminals; Publ.: "The Hunter" (published in New York, London, Copenhagen, Oslo, Stockholm, Tokio & in Israel; "We Shall Never Forget" (New York)· "20 Years After the Extermination of European Jewry" (H.); awarded: Ot Lochem B'Nazism, Ot Hahagana, Ot Komeniut, Ot Sinai, Ot Sheshet Hayamim.
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FRIEDMAN, William W.; dentist, D.D.S.; Chmn, Dent. Div., Jew. United Fund; b. 1.2.1920, Czechoslovakia; ed.: Central Y. Coll. (B.S.); Loyola U. (D.D.S.); m.: Geraldine Rosenbaum; ch.: Rochelle, Sandra, Joan; lctr, U. of Illinois Sch. of Dentistry; p. Pres., Chicago Acad. of Dent. Res.; p. Chmn, Isr. Bonds Dent. Div.; mbr: Am. Dent. Assn, Intl Assn. of Dent. Res., Am. Acad. of Implant Dent., Heb. Theol. Coll., Assn Talmud Torahs; Cnslt. f. Cl. of Jew. Elderly in Dentistry, Jew. Fed. of Chicago; publ. relig. periodicals & books on approach to dent. patients, dent. care, implants; to Isr. 65-67; recip.: Am. theatre, S.W. Pacific, Philipine liberation, in wld war II.
7417 N Talman Ave, Chicago, Ill., USA.

FRIEDMANN, Abraham; Mng. Dir., The Israel Central Trade & Investment Co. Ltd.; Chmn of Brd, Urdan Metallurgical Works Ltd., Nesher-Cement (Holdings) Ltd.; Samson Tire & Rubber Co. Ltd.; Foreign Trade Bank Ltd.; also mbr brd of the following: Kitan Dimona Ltd.; Consolidated Near-East Co. of Israel Ltd.; Israel Chemical Fibres Ltd.; K.B.A. — Townbuilders Group Ltd.; Industr. Development Bank of Israel Ltd.; & dir. of many other companies; b. Haifa, 6.11. 1905; m. Dvora Kook; 1 s., 1 d.; att Commercial High School; mbr brds: Friends of Tel-Aviv U. & Technion, Haifa; hon. Consul General of Finland in Israel.
26, Hamelech David St., Tel-Aviv.

FRIEDMANN, Ely D. (nee Wittkover); Ph.D.; Dir., State Teachers Coll. of Phys. Ed., Beer-Sheva; Pres., Isr. Branch of Intl Assn of Phys. Ed. & Sports f. Girls & Women; Chmn, Beer-Sheva Branch of Intl Assn of University Women; b. 27.3.1912, Berlin; to Israel, 1934; ed.: Berlin, Heidelberg, Grenoble U-ies; Basle U., Ph.D. (magna cum laude); post-grad. studies: Loughborough Coll., England; Teachers' Coll., Columbia U., N.Y.; m.: Ernst Friedmann; s.: Raphael Harry Amit; p. teach.: D. Yellin Teach. Coll., Beth Hakerem; Gordon Teach. Coll., Haifa; p. repr. of Auth. f. Sports & Phys. Ed. in the Negev; found., Teach. Coll. of Phys. Ed., Beer-Sheva, 63; co-found., Palestine Youth Hostel Org.; mbr: Ed. Cl. of Beer-Sheva Munic.; Min. of Ed. Pub. Cl. f. Sports & Phys. Ed.; Intl Cl. on Health, Phys. Ed. & Recreation; chmn, Intl Workshop of Isr. Folklore & Dance, Jer., 73; part. in intl congresses; publ.: "Education through Movement", 58; "The influence of Movement on culturally deprived children", 69; articles on ed. subjects; contrib. to Educ. Encycl. of Min. of Ed. & Bialik Inst.
101 Negba St., Beer-Sheva; tel. 057-2880.

FRIEDMANN, Shimon; Chem. Eng. (Dipl. Ing.); Mng. Dir., Arad Chemical Industries Ltd., 70-; b. 2.10.1927; ed.: Technion; m. Shulamit Reiss, 1951; 2 d.; w. the Israeli mineral & basic chem. industries: Chemicals & Phosphates, Haifa, 52-59; Dead Sea Works, Sdom, 60-65; initial stage of Arad Project, 66; Haifa Chemicals, Haifa, 67; Negev Ceramics Ltd., 68-69.
61, Ye'elim Av., Beer-Sheva; Tel. 057-73107; Office: Arad Chemical Industries Ltd., Mishor Rotem, D.N. Arava; Tel. 057-91121.

FROMCENCO, Abe G.; Civ. Eng.; Gen. Mng., Elite — Israel Chocolate & Sweets Mfg. Co. Ltd.; Chmn, Brd of Dirs: Elite (Food Industries) Ltd.; The Israel Indust. Bank Ltd.; b. June 1916, Russia; ed.: Civil Engineer; married; 2 d.: Tamara, Livia; p. Chmn, Employers Insurance Fund; mbr: Brd of Dirs of various enterprises; Manufacturers Assn of Isr.; Pub. Trustee C'tee of National Theatre Habima.
Herzliya on Sea; tel. 932571.

FRUCHTER Menahem; rough-diamond dealer; b. 1918, Transylvania; ed.: High School; m.: Bina Stern; 2 d.; established first connections with African countries; first importer of rough diamonds directly from

Africa; recognized dealer of roughs by the Syndicate.
Diamond Exchange Bldg., Ramat Gan; tel. 252293, 291096, 742650.

FRYE, Peter; theatre and film director; producer, dir., radio series "My Father's House", 64-67; Assoc. Prof. & Dir., Drama Dpt., Tel Aviv U.; b. Montreal, May 8, 1914; m. Batia Lancet, actress (divorced); 1 d.; educ.: Stage Studies, New York; Author of "If I Die" (play); script of "Hill 24 Doesn't Answer"; wrote & directed films "I Like Mike & "The Hero's Wife"; designed settings for most of his theatre productions in Israel for Habimah, Cameri; Art. Dir. "Ohel" theatre, 64-65 & 67-69; founder dir., Peter Frye Productions Ltd; Tchemerinsky Prize f. Best Director, 1959.
13 Bezalel St., Tel-Aviv; tel. 288443.

FRYMER, Berl; Dir. of educ., Histadruth & mbr, of secr. of the Labor Cl., of Tel-Aviv, 53-; b. Tomashgrod, Poland, 16. 5.1912; to Israel, 1953; ed.: Heb. HS & Yeshiva, Kovel; Dr. of Law (Summa Cum Laude), Liège U., Belgium; post-grad. work, Ecole de Sciences Politiques, Paris; m. Elyse Hirshberg, 1939; d.: Hanita, Tikva; mbr: ZAC, Bureau of Labor Zion. World Mov., C.C. of Labor Pty (head, Inform. Dpt., T.A.), Educ. Bureau of the Histadruth; Head, Youth Dpt., KKL-France, 37-39; Dir., Fed. of Zion. & Pro-Pal. Youth Mov. in W. Europe, 38-39; Dir. of "Farband", Chicago, 40-45; Secr. Gen., Lab. Zion. Org., USA & Canada, 45-53; extensive missions abroad f. the Zion. Org. & Labor Mov.: USA, Latin Am., Australia, S.A., France, England, Belgium, Switzerland; head, tourist group, to USSR; ext. lctr., in Isr. & abroad, on pol. & lit. topics; publ.: articles & essays in jew. press, Isr. & abroad; weekly columnist: Hapoel Hatzair, Letzte Nayess, Unser Wort, Yidicher Kempfer, Jewish Frontier, Davar, etc.
49, Basel St., Tel-Aviv; Tel. 257483.

FUCHS, A.M.; writer, author of Yiddish short stories & essays; Hon. Pres., Assn of Yiddish Writers in Isr.; b. Jezierna (p Austria), 17.10.1890; to Israel, 1950; widower; d. Lola Carr; Forward Corresp. — Vienna & Central Europe, 18-38; London, 38-45; co-editor, Yiddish Wiener Morgenpost, Yiddish monthly "Kritik"; contrib. to: Die Zeit (London); Warsaw Literarishe Bleter, Folkszeitung, Warsaw Almanach, Zamelbuch; Zukunft & Literarishe Zamelbicher (New York); in Israel: Die Goldene Keit, Letzte Naies, Al Hamishmar, Davar, Hapoel Hatzair; Mikan u-Mikan, Giborei Dorot (anthol.); Moznaim, Molad, Menorah, English Anth. of Jew. Lit., etc.; publ. (books-: Einsame, 1912; Dos Bergl, 23; Unter der Bruek, 24; Bein Hagoyim, 46; Thehom Peura, 54; Die Nacht un der Tug, 60; recip.: 10 literary prizes, e.a.: Zvi Kessel Prize, Yiddisher Kulturferband (N.Y.), WJC (Paris), Pinkus Hofer Prize (Argentina); Heshbon, Bimko Prize (USA); Yakov Fichman Prize, T.A.
209, Hadar Yosef, Tel-Aviv.

FUCHS, Benzion; Dr.; Assoc. Prof. in chemistry, Tel-Aviv U., 68-; b. Rumania, 8.9.1930; to Israel, 1950; ed.: Technion Haifa — B.Sc. 54-58, M.Sc. 60, D.Sc. 63; m. Tamar Rappaport; ch.: Nora, Eden; p. lctr in chem., Technion Haifa; mbr: Isr. Chem. Scty, Chem. Scty London, Am. Chem. Scty; publ. articles in scientific journals.
1, Mitzpeh-Yam, Herzlyia; Tel. 930631.

FUCHS, Michael Walter; Associate Professor, Technion, Haifa; Engineering Adviser; b. Bohumin (C.S.R.), Sept. 1, 1901; m. Eva Schwarz; 1 s.; 1 d.; educ.: Technical College, Brno; Technical U., Berlin; to Isr., 36; engineering jobs, Tel-Aviv Port, Jewish Agency, 36-40; Asst. Eng. Public Works, 40-48, Chief Engineer, later Dep. Dir.; articles on technical subjects.
1 Haifa Rd., Tel-Aviv. Tel. 253008.

FULOP, Leslie Simcha; LL.B.; Manager; Mng. Dir., "Beged Or" (1968) Ltd.; b. in Hungary, 1922; ed.: "Gr. Tisza" U., Debrecen Law Faculty; to Israel, 1944; m. Miranda Volpi; ch.: Guy, Thomas; p. Mng. "Fucaro", Milano (50-53); p. Mng. "Afacom", Israel (53-57); Mng. Dir. "Beged-Or" (57-) in Migdal Haemek.
Migdal Ha-Emek; Tel. (065)-40631.

FURST, Milton; Rabbi; educator; Dir. Gen.: Yeshivath Hadarom, Rehovot & Yeshivat Achuzat Yaacov, Gan Yavneh; b. 16.9.1922, Brooklyn, N.Y.; to Israel, 1973; ed.: Yeshiva Coll., B.A. (magna cum laude), 43; Rabbi Isaac Elchanan Theol. Smnry, Ord. Rabbi, 46; m.: Beatrice Bick; ch.: Zeev, Malka Cymbalista, Aryeh; mbr: exec c'tee, Rabb. Cl. of Am.; admin. & exec. brds, Relig. Zion. of Am., Mizrachi, Hapoel Hamizrachi; p. Natl vice-pres., Hapoel Hamizrachi of Am.; p. Assist. to Pres., Yeshiva University; edit. of Jewish Horizon; Natl. brd of Jew. Natl Fund & Am. Acad. f. Jew. Res.
25a Ruppin St., Rehovot.

FURSTENBERG, Harry; Professor of Mathematics, Hebrew U.; b. Berlin, 1935; B.A., 55, & M.Sc., 55; Yeshiva Univ., New York; Ph.D., 1958, Princeton; Instructor, Princeton Univ., 1958-59 and Mass. Inst. of Technology, 1959-61; Asst. Prof., Univ. of Minnesota, 1961-63; Visiting Assoc. Prof., Princeton U., 1963-64; Prof., Univ. of Minnesota, 1964-65.
7 Alfassi St., Jerusalem; tel. 67641.

FUX, Josef; Surgeon; Head, surgical dpt. "Yad Eliahu", T.A.; b. 15.3.1913; Roman (Rum.); ed.: Bucharest Fcty. of Med.; to Israel, 1962; m.: Etty Brucar; p. Primarius "Caritas" Hosp., Buch.; Assist. & Sect., Univ. Clinic, Buch.; Asst. Surgeon, Jewish Students College, Buch.; Mbr, Surgical Socty, Israel;

Fllw, Intl Coll. of Angiology, USA; Mbr., Societe de Phlebology, Paris; Mbr, Exec. C'tee HOR; Mbr, Medical Secretariat, Trade Unions, Isr.; publ.: papers & books on surgical topics, as well as translations from S. I. Agnon, Joseph Kessel, etc.
Tel Aviv, 133 Arlosoroff St., Tel. 255750.

FUZAILOFF, Benzion; Vice-Pres., Israel Diamonds Exchange, 1971-; Gen. Mng & owner of PAZ Diamonds, Israel; b. in Petach Tikva, 1926; m.: Tamar; 3 ch.; member of the Executive C'tee, Israel Diamond Exchange.
16, Hagannah St. Holon; tel. 846039.

FUZAILOFF, Pinchas; diamond dealer; General Manager & owner of PAZ Diamonds Israel; b. in Petach Tikva, 1928; m.: Shoshana; 2 ch..
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FUZAILOFF, Yehuda; diamond dealer; Director & owner, PAZ Diamonds Israel Ltd.; b. in Samarkand, Russia, 1922; m.: Tamar; 3 ch.
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GAAT, Alexander; Civ. eng.; Mng. Dir. & Partner ESI-Engineering Services Intl Ltd.; Partner & Dir.: Eng. Serv. Israel Ltd., A. Reichman & Partners, Eng. Serv. Ltd., Surveying & Civil Eng. Co. (1971) Ltd., Hay-Genossar Water & Sewage Consultants Ltd., Transportation Systems Consultants Ltd.; Partner: IDECON Intl Ltd., IDAN Computers Ltd., Organisation & Management Sci. Consultants Ltd., T.L.M. Engineering Consultants Ltd., Beredjick-Zur Structural Engineering; Modus — Electro-Mechanical Consultants Ltd., MAOF Airlines Ltd., Agrindus-Agriculture and Industries Ltd., mbr, Association of Engineering & Arch. in Israel; b. Warsaw, 27.3.33; m.: Miriam; 2 ch.; ed.: B.Sc. M.I.T., USA; M.Sc., do; studies towards D.Sc. at N.Y.U.; Tau Beta Pi Eng. Hon. Scty; Chi Epsilon, Civ. Eng. Hon. Scty; Sigma Chi, Research Hon Scty; p. supervisor of construction Hydroel. Dam in Littleton, N.H.USA, 54-55; Isr Corps of Eng., Chief Designer Airports, 55-58; Project eng. of expressway projects N.Y., 58-62; to Israel, 1933; active in promotion of export of engineering services.
14, Edward Bernstein St., Tel Aviv.

GAATON (Gruenbaum), Arie Ludwig; chief econ., Bank of Israel; b. 1898, Eisenach, Germany; to Israel, 1934; ed.: Diplom-Volkswirt (w. distinction), 32; Dr. rer. pol. (summa cum laude), 34, U. of Berlin; Ph.D. (h.c.), HU Jer., 72; m.: Tamar Jungerman; s.: Ariel; w. Jew. Agcy (work under Dr. A. Ruppin & Y. Gruenbaum), 35-48; head, Econ. Res. Inst. at P.M.'s Office, 48-53; snr econ., Econ. Advis. Staff (u. Oscar Gass), at the same off., 53-55; w. Bank of Israel, 55-; publ.: Natl Income and Outlay in Palestine, 1936; Outlines of a Development Plan f. Jew. Palestine; Four Year Devel. Plan, 1950-53; Econ. Survey of Israel, 1950 & 1951; Projection of Devel, towards Econ. Independence; Capital Stock, Employment and Output in Isr., 1950-59; Economic Productivity in Israel; articles in newspapers, sci. periodicals, etc., in Isr. & abroad; recip.: Bar-Eli Prize (Bank Hapoalim), 61; Peretz Naftali Prize (Tel-Aviv Mun.), 73.
45 Hehalutz St., Jerusalem; tel. 523592.

GABER, Irène; painter; b. Lwow, Poland; to Israel, 1958; ed.: scndy indust. sch., Cracow, -39; Musical Inst. (violin & theory), -38; studied painting with: Prof. Jerry Fedkowicz, Acad. of Arts, Cracov & painter Zwi Schorr, 61-64; m.: Silberman, 1957; mbr, Isr. Painter & Sculpt. Assn; scenographic painter in various theaters, Poland, 46-56; one-man shows: Beit Bialyk, T.A., 68; Ramat-Gan Museum, 68; particip. in collective exhibs: Cracov, Gdansk, Tel-Aviv, New-York (Withehouse Gall., 64), Am.-Israel Cult. House N.Y., 70.
20, Gottlieb St., Tel-Aviv; Tel. 229859.

GABOR, Peter Reuven; electronics engineer; M. Brit. IEEE; Mng. Dir., Gabotron Ltd.; Pres. Rotary Club, R. Aviv, 69-70; b. Budapest; 17.1.1933; educ.: high-school in Hungary, eng. studies commenced in U.K., completed in Israel; m. Judith Karmon; 1 d., Shirith; to Israel, 1949; serv. IDF, 50-57.
70, Ussishkin St., Tel Aviv; tel. 442339.

GABRIEL, Kuno Ruben; Statistician; Assoc Prof, Chmn Dpt of Statistics, Hebrew U.; b. in Berlin, 24.3.1929; to Israel, 1935; educ.: Lond. School of Econ, 47-50 (B.Sc.); Hebrew U., Jerus., 54-57 (Ph.D.); Univ. of North Carolina, USA, 58-59; m.: Ayala Langerman; ch.: Orna, Osnat, Shira; teach., research at H. U., s. 53; Research Assoc. & Visit. Prof at North Carolina, 58-59, 67, at Kansas U., 65, Princeton U., 67; cnslt to Israeli rainfall stimulat. experiment, 61-; flw: Royal Statist. Scty, Am. Statist. Scty, Intl Statist. Inst., Institute of Math. Statistics; publ.: 1) Nuptality & Fertility in Isr (Hebrew), Heb. U., 1961, 275 pp; 2) First Chapters on Probability & Statist. Inference (Heb), Akademon, 64; 45 various articles on statistical theory and applications, in spec. & other journals.
23 Hechalutz Street, Jerusalem; tel. 02-524414.

GABRIELI (Goldenberg), Moshe; Sociologist; Publ. Relat. Offic., Isr. Railw.; b. Poland, 1913; m. Esther Selka; 2 s.; educ.: Vienna & Hebrew Univ.; to Israel: 1934; agricultural laborer, later private secretary to Dr. E. Soskin, founder of Nahariya; after special studies abroad, organized public relations office for war veterans.
17 Gilboa St., Haifa, Tel. 235535.

GADIESH (Grunfeld) Falk; B.Sc.; Dipl.-Ing., S.M.; Mng. Dir., Israel Chemical Fibres, Ltd.; b. Berlin, June 27, 1921; m. Pnina Margalit; 2 d.; ed.: Israel Inst. of Techn. Haifa; Mass. Inst. of Techn. (MIT), Cambridge, USA; Palestine Elect. Corp., 45-47; I.D.F., 47-52; Bradley Container Corp., Mass., U.S.A., 54-55; The United Saran Plastic Co. Tel-Aviv, 55-60; Israel Central Trade & Investment Co., Tel-Aviv, 60-63.
23, Ehud St., Zahala, T.A. Tel. (03) 774443.

GADISH, Joseph; Dep. Mayor, City of Jerusalem, 69-; Dep. Dir. Gen., Min. of Educ. & Cul., 64-69; b. Poland, 201.16; m. Tirfa Perevosnik; 1 s.; 1 d.; ed.: Kibbutz Teachers' Seminary; to Israel, 34; mission to Cyprus on behalf of refugee-camps; principal, Labor School, Acre, 52; inspector, elementary schools, Northern District, Min. of Educ. & Culture, 52; Mayor of Acre, 53-62.
48 Shimoni St., Jerusalem.

GAFNI, Israel; M.A.; M. Jur.; Adv.; econ.; Exec. Dir., Property & Building Corp., 71-72; now, private law offices; b. 3.7.1926, Bessarabia; ed.: Hebrew U. Jerusalem; m. Edna Amdor; 1 s.; w. Min. of Finance, 50-60; Manager of Export Bank, Jerusalem branch, 60-68; General Managing Dir., Israel Loan and Savings Bank, 68-71; author of numerous articles on finance & economics in journals & in daily press.
8 Moshe Sharett Street. Tel-Aviv; tel. 261451; Office: 48 Balfour St., Tel-Aviv; tel. 623737.

GAFNY, Arnon; Director of Budgets, Ministry of Finance; b. Israel; ed.: Reali Sch., Haifa, 50; Bard Coll., New York, B.A., 54; H.U. Jer., M.A. (Econ.), 57; m.: Mira Arshavsky; 1 s.: Ron; 2 d.: Nili, Shlomit; Dir. of Econ. & Commerce, Isr. Ports Author., 61-66; Manager, Port of Ashdod, 66-70.
144 Sderot Herzl, Jerusalem; tel. 528640.

GAFNY, Simha; Gen. Mng., Kupat Am Bank, Ltd.; p. dir. of State Revenue; p. Director of Customs and Excise; b. Jaffa, 1907.
51, Hechalutz St., Jerusalem.

GALAI, Benjamin; writer, columnist, playwright; b. Vladivostock, Russia, 10.4.1921; m. Rachel; 1 s.: Shaul; to Israel, 1926; educ.: school in Tel-Aviv; particip. R.A.F., World War II; IDF, War of Liberation; weekly column, "Maariv"; publ. (poetry): "With the Wind" (46); "Chestnuts" (49); "Third Return" (53); "Shore of Mercy" (58); "A Voyage North" (68); "Armilus, King of Philipi" (69); children books: "Bats of Acre" (61); "To the Land of the Camels", 63; "Stolen Waters", 64; "Fools and Kings", 72; novels: "Gemini Chronicles"; "The Black Death" (69); transl. f. Thakeray ("The Ring & the Rose"), Barrie ("Peter Pan"), etc.; also, collected columns from "Maariv" ("With a Cup of Coffee"), recip.: "Brener", "Fichman", "Anna Frank" & "Lamdan", "Shwimer" prizes.
111, Hatishbi St., Haifa.

GALAI, Shmuel; Historian; Lectr, Dpt of History, Tel Aviv U.; b. in Baranovitch, Poland, 16.6.33; educ.: B.A., History & Econ., Hebrew U.; M.A., History, iden; Ph.D. London U.; m. Helena Rosetti; ch.: Tamar, Michael; 55-63, stud. at H.U. Jerus.; 63-67, wrote his Ph.D. thesys at the Lond. School of Economics, London U.; publ.: "Impact of the Russo-Japanese War on the Russian Liberals, 1904-1905".
79 b., Rehov Hauniversita, Ramat Aviv; tel. 416893.

GALE, Joseph; plant physiologist, Ph.D.; snr lctr, Heb. U., Jer.; b. 30.11.1931, London; to Israel, 1938; ed.: London Matriculation, 48; H.U. Jer. — M. Sc. Agr., 59; Ph.D., 63; Fulbright Scholar, U. of California, 64-65; Res. Assoc., Michigan State U., 71; m.: Rena Orbach, M.D.; 2 ch.: Tal, Irad Yekuthiel; p. secr., Isr. Natl C'tee f. the Quality of the Environment of the Biosphere; p. Captain (Pilot), Arkia Co.; some 30 publ. in the field of plant physiol.-ecological adaptation of plants; recip.: Fulbright Fellow, USA.
14 David Shahar St., Jerusalem; tel. 525554.

GAL-EDD (Greenstein), Israel; Chart Scty B.A. (London); Chmn Brd, Rogosin Enterp. of Isr., 70-; Dir., Barklays Discount Bank Ltd., 70-; mbr, Brd of Governors, Hebrew University Jerusalem; Mng. Dir., World Institute; b. London, 23.4.1920; 1 s.; 1 d.; 2nd m.: Mirit Mor; ed.: London University & Harvard Law School; Taxes

Insp. U.K., 46-47; to Israel, 1949; Snr, Taxes Insp., Haifa, 49-53; Principal Dep. Commissioner Income Tax, 56-58; Dep Dir., State Revenue, 59-61; Dep. Dir. Gen., Min. of Comm. & Indus., 62-65; Dir. Gen., Min. of Dev., 66-70; cnslt to UN & mbr of export groups on Fiscal Policy & Incentives to Export & Investment; mbr, Israel delegation to GATT Tariff Negotiations & Double Tax Arrangements; also to Common Market Negotiations & to U.N. Trade Conference, 62-65; s. 1956, lectr. on Taxation at the T.A. Branch of Hebrew U.; Lectr., Hebrew U.. n Business Adm. School Intl. Trade Relations, 63; publ.· various articles in professional journals & by U.N.

34, Alharizi St., Jerusalem.

GAL-EZER, Dror; General Manager and Mng. Dir., Sonol Israel Ltd.; Chmn, Board of Israel Shipyards Ltd.; mbr: Board of Govnrs, Technion Haifa; UNEX, F.O.T.C. Ltd., Shevah Basic Oils Ltd., Aviation Services Ltd., Petroleum Institute, Pi-Gliloth, Supergas Gas Distribution Co.; b. in Jerusalem, 1922; educ.: Hebrew U,; p. Dep. Managing Director, El Al, Israel Airlines Ltd.. 49-63.

42 Einstein St., Haifa.

GALIL, Amir; founder, Gen. Mng., OR & KOL — Isr. Corp. f. Educ. Materials Ltd.; founder & Chmn of Brds: Avuka High School, Ramat Gan; Israeli Inst. of Languages; b. Warsaw, 28.5.1927; to Israel, 1942: ed.: Tel-Aviv U. (Econ.), Haifa U. & Technion (Pedagogic & Didactics); m. Batia Malchi, 1952; 1 s.; w. Hagana, 44-, & Brit. Army; w. Anglo-Palestine Bank, -47; Officer IDF, 48 (wounded 4 times); served in training & adm., important position in logistical prep. of Sinai Campaign (rank of Major); comptroller. govtl. corporation, Chief Comptroller's Office. 57.

7, Maale Hanesher St., Ramat Gan; Tel. 727032.

GALIL, Uzia; MScEE; founder, ELRON Electronic Industries Ltd.; Mng. Dir., ELRON & ELBIT COMPUTERS Ltd., 62-; snr lctr, Tech., Fcty of Physics; b. 27.4. 25 Bucharest; m.; 2 d.; educ.: BScEE Technion, '49; M.ScEE Purdue Univ, USA '53; 47-8: IPC Dev. Engr.; 49-51: Electronics Off., Israel Navy; 53-4: Rsch. Engr., Motorola USA; 54-7: O/C, Electronic R. & D., Israel Navy; 57-62; Head, Electronics Div., Faculty of Physics, Technion, Haifa; publ. numerous techn. papers.

88, Rehov Hagiborim, Haifa.

GALILI, Israel; M.K.; Min. without Portfolio, 65-; p. Secr. Ahdut Haavoda; farmer; b. 11; to Isr., 15; veteran Haganah commander; some time, second-in-command & acting C-in-C, Haganah; political secretary, Ahdut Haavoda, Poalei-Zion party; p. Dep. Minister of Defence, 48-49.

Kibbutz Na'an.

GALINSKY, Mallen; Rabbi; Natl Exec. of Relig. Zion of Am.; mbr, Isr. & Ed. Commission, Rabbin. Cl. of Am.; b. Hartford, Conn., USA; ed.: ord. rabbi, Jacob Joseph Theol. Smnry, 57; under-grad. stud., Brooklyn Coll.; M. of Relig. Educ., Yeshiva U., 60; m.: Sonia Intrator; ch.: Adina, Judah, Devora, Ephraim, Shimon; Acting Dir., Torah Educ. of W.Z.O. in North Am.; Rabbi & Headmaster of Yeshiva & Syng. Shaarey Zedek, Bklyn, N.Y.; Exec. Brd., Rabbin. Alliance of Am. (p. natl vice-pres.); conducts weekly program "Tales of Yore", radio station WEVD, N.Y.; mbr. Edit. Brd, "Or Hamizrach" (scholarly Torah & Zion. journal); awards from Isr. Bonds, UJA.

1381 53 St., Brooklyn, N.Y. 11219, USA.

GAL-OR, Benjamin; Prof. of Eng. Dpt. of Aeronautical Eng., Technion Haifa; b. 8.8.1933, Israel; ed.: Technion Haifa — B.Sci., 59; M.Sci., 61; D.Sci., 64; m.: Dr. Leah Schulwolf; 2 s.: Amir, Gillad; Assist. Prof., Johns Hopkins U., 65-66; U. of Pittsburgh, Pa.: Assoc. Prof., 66-72; Prof., 72 (f. each summer); publ.: 3 books on Thermodynamics and Heat & Mass Transfer; 75 publ. in eng., sci. & philos. of sci.; initiation, org. & chairmanship of intl confer.: A Critical Review of Thermodynamics, Pittsburgh, 69; Chmn, The Engin. Foundations Conf. Gas-Liquid Mixing, Andover, N.H., 69; Invited speaker I.U.T.A.M. Conf., U. of Cambridge, 69; Natl A.I.Ch.E. Meeting, New Orleans, 73; Yale Harvard & Princeton U., 72; mbr, N.Y. Acad. of Sci., Sigma Xi, I.I.Ch.E., Intl Combustion Inst., recip.: Laskowitz Award and Gold Medal, N.Y. Acad. of Sci. f. res. in 1971 in develop. new astrophysical thermodynamics.

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GAL-OR (Schulwolf), Leah; Ph.D. in Materials Eng.; Dep. Head, Corrosion & Surface Treatment Lab. of Technion, Isr.; adj. lctr. in Mat. Eng. Dpt., Technion; b. 6.9.1936, Bucovina; to Israel, 1950; ed.: Technion — B.Sc., 59; M.Sc. (Chem. Eng.), 64; D.Sc., 70; m.: Benjamin Gal-Or; 2 s.: Amir, Gillad; res. assist., Dpt. of Biophysics, Johns Hopkins U., 66-68; res. assoc. Dpt. of Biophysics, U. of Pittsburgh, 68-70; res. eng., Inst. of Metals, Technion Haifa; mbr, Natl C'tees on Corrosion; sci. publ. in intl journals; lectures at intl Confer. on Corrosion; consulting in the field of corrosion.

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GALUN, Arjeh Baruch; M.Sc.; Ph.D.; p. Dir. Gen. of the "Zion Ch. Products Ltd."; b. Kattowitz, Poland, 24.2.24; m. Rachel Rabinovici; s. Eyal Aharon; d. Merav; to Israel, 1933; ed.· Hebrew & Illinois U.; Chemist, Defense Ministry, 48-50; in charge of research, Israel Air Force, 50-57, including studies in U.S.A. financed by Air Force; director private research company; articles on polymers and organic syntheses, chiefly in fields of diphenylmethanes, fluoro compounds and indole derivatives.

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GALUN, Esra; M.Sc. (Agric.), Ph.D.; biologist; Assoc. Prof. & Head, Dpt. of Plant Genetics, Weizmann I.; b. Leipzig, 7.4. 1927; married Professor Margalit Katz, educ.: Hebrew U., Jerusalem. Fulbright Fellow, Calif. Inst. of Technology, 1962; Harvard U., 68; publications on sex expression & develop. biology of plants.
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GAMORAN, Mamie G. (Mrs. Emanuel); secretary, Board of Herzliah Hebrew Teachers Training Academy; writer; mbr, National Board of Hadassah; p. mbr, Adm. Com. J.N.F.; brd mbr, Keren Beit Hanassi; b. New York, 17.1.1900; educ.: Elem. & HS, N.Y. City; part-time student, Columbia U. & U. of Cincinatti; grad. Israel Friedlander Classes, Jewish Theol. Smnry; m. Emanuel Gamoran (dec. 1922); ch.: Abr. Carmi, Rabbi Hillel, Judith R. Chernin; mbr. Exec. Brd of: Relig. Ed. Assn, Histadruth Ivrit, Ha-Doar, Heb. Arts Sch. f. Music & Dance; author of 14 books used in Relig. Schools & of numerous articles, stories, poems, etc. — in Jew., Hebrew & non-jewish publ.; lctr f. Hadassa & other groups.
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GAMSON, Bernard W.; Chem. Eng.; Vice Pres., Martin Marietta Aluminium Inc., 70-; Dir., Am. Technion Scty; b. 18.8. 1917, Chicago Ill.; ed.: Armour Inst. of Technol., B.S., 38; U. of Michigan, M.S., 39; U. of Wisconsin, Ph.D., 43; m.: Deborah Sobel; ch.: Mark, Michael, Miriam, Alan; Ch. Proc. Eng. & Dir. of R & D, Gt Lakes Carbon, 43-45; Mgr Nuc. Fuel, Gen. Electric, 55; Borg Warner — Assoc. Dir. of Res., 56-60; Vice Pres., 60-65; Cnslt Chem. Eng., 65-70; mbr: Am. Chem. Scty, Am. Inst. of Chem. Engs, Phi Lambda Epsilon, Iota Alpha, Pi Mu Epsilon, Sigma Xi, Sci. Res. Scty of Am.; Inst. of Mining & Metall. Engs.; about 20 papers in sulfur recovery, thermodynamics, kinetics, mass & heat transfer, carbon & graphite, nucleonics; over 20 patents granted & applic. pending in the fields of carbon & graphite, petroleum refining process., sulfur recovery, catalysts, air purification, nuclear magnetic resonance, synthetic rubber, plastics, solid state electronics, down-hole control.
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GANEL, Chaim; Colonel (Aluf Mishne), res.: dir., American Zionist Youth Found., 73-; b. 14.8.1924, Berlin; to Israel, 1935; ed.: Coll. of Natl Security, Jer.; H.U. Jer. (econ.); m.: Esther Engel; 2 d.: 1 s.; Chief Adjutant, I.D.F., -69; Dir. Gen. Youth & Hehaluts Dpt., WZO, 69-72.
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GANNES, Abraham P.; educator; Dir., Dpt of Educ. & Culture, WZO, Am. Sct; V. Pres., Natl Confer. of Jew. Communal Serv.; b 10.6.1911, Russia; ed.: C.C.N.Y., B.A., 33; Columbia U., M.A., 38; Dropsie U., Ph.D., 52; m.: Miriam Jacobson; s.: Howard Hayim; d.: Judith; mbr: Histadruth Ivrith; ZO; Poaley Zion; Cl. f. Jew. Educ.; Cl. f. Communal Service; p. pres.: Natl Cl. f. Jew. Educ.; Histadruth Ivrith, Phila; Dropsie U. Alumni Assn; p. Dir.: Cl. of Jew. Educ., Phila; Bureau of Jew. Educ., Miami; principal & teacher, Jew. schs, N.Y.; author "Central Agencies f. Jew. Educ.", 54; edit., "Selected Writings of Leo L. Honor", 65; contrib. to: educ. journals; Encyclopedia — Zionism & Israel; recip.: Gratz Coll. Citation; Alumnus Award, Dropsie U.
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GAON, Nessim; economist; dir. of companies; chmn: State of Israel Bonds, Switzerland; Keren Hayes., French Speaking, Switzerland; World Federation of the Sepharadic Congregation; mbr of c'tee Communauté Israelite de Genève; b. 22.2. 1922, Sudan; ed.: B.A. (econ.), Sudan; m.: Renée Tamman; ch.: Marguerite, David, Danielle; war serv. w. British Army, Pioneer Corps (as Captain), 42-46.
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GAON, Solomon; Haham of the Spanish & Portuguese Jews of Gt. Britain; B.A., Ph. D.. Rabbi Dr.; b. in Dec. 15, 1912; m.: Regina (Hassan); ch.: Isaac, Raquel; former Sr. Hazan, Spanish & Portuguese Synagogue, London; Gvrn., Hebrew U., Jerusalem.
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GARBER, Chaim Nachman; Snr Lctr of Microbiol., Bar-Ilan U.; b. 23.7.1934, Tel-Aviv; ed.: Midrashiat Noam, Pardess Hanna, 48-52; H.U. Jer. (Bacteriol., Biochem. & Parasitol.), 55-59; Ph.D., 64; m.: Nechama Gilboa; 2 ch.; 30 sci. publ. in biol. sci.; main field of res.: drug resistance in bacteria.
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GARBER, Leah; Hon. Pres.: Hadassah; Cleveland Heb. Sch.; Park Syn. Sisterhood; Hon. V. Pres., JNF, Am.; b. Russia; ed.: Western Reserve U. — B.A., 23; M.A., 32; m.: Dr. Moses Garber (dec.); p. Chmn, Hadassah Educ. Cl.; p. Brd Mbr, Cl. of Jew. Women; p. Cleveland Hebrew Sch. Cultural Chmn; p. Pres., Histadruth Ivrith, Cleveland; co-founder, Cleveland Chptr, Hadassah, & mbr of its Natl Brd; Hadassah deleg. to Zion. Cngs, 38; founder, Women's Div., JNF, 25; publ. short stories in "Hatzefira", "Hamelitz", "Hazman" & "Olam Katan"; established memorial f. d. Edith Krotinger in Hadassah Szold Sch. f. Nurses & Technion Haifa, 52.
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GARDOSH (Dosh), Charles Kariel; editorial cartoonist, "Maariv" (daily), 53-; b. Budapest, 15.4.21; m. Suzan Roman; d. Daniela; s. Michael; Educ.: Szeged & Sorbonne U.; journalist and author, in Hungary; to Israel, 1948; drawings, regularly reprinted by "The Jerusalem Post" and newspapers abroad; publ.: 7 cartoon books; co-author (E. Kishon) of "Sorry we won", in many languages.
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GARON, Herbert J.; p. Natl Chairman of the Young Leadership Cabinet, and member of the Exec. Committee, UJA; Pres. & member, Board of Trustes of the Jewish Welfare Federation — Jewish Welfare Fund of New Orleans, member of the Campaign Cabinet and head of the Attorny's Div. and Special Donors' Div. of the Campaign; p. Chairman of the Men's Div. of the Jewish Welfare Fund Campaign; member of UJA's first Young Leadership Mission to Europe and Isr., 61; deleg. to the Prime Minister's Economic Conference, and Represent. of the Intl Young Leadrship Confer. at Weizmann Inst., 68; b. 18.8.1925, Orleans, Louisiana; attorney in New Orleans, 49-, and is a member of the firm of Garon, Brener, McNeely & Hart; att. Law Sch. Cornell U., 46-47; received his Juris Doctor from Tulane U., 49; p. Chairman of the Municipal Court Committee, New Orleans Bar Assn.; Committee on Ethics and Grievances, New Orleans Bar Assn; member of Committee on Bar Admissions, Louisiana State Bar Assn; American Trial Lawyers Assn, Acad. of Trial Lawyers; Greater New Orleans Negligence and Compensation Lawyers Assn, Inc. and has practiced before the U.S. Supreme Court; Natl Cl., J.D.C.; Dir., A.J.C.; Natl C'teeman of the American-Israel Public Affairs Committee; on the Exec. Board of Trustees of the Anti-Defamation League and on its South. Regional Advis. Board; on the Exec. Boards of Communal Heb. School, Tulane-Newcomb Hillel Foundation and the Conservative Congregation; member of Temple Sinai Reform Congregation and a past member of the Board of Dirs of the Temple Brotherhood, and a member of the Board of Dirs of Conservative Congregations of New Orleans; he is p. Pres. of Sertoma International Civic Club; p. Governor, Louisiana District, Sertona International.

GAR-PINSKER, Zafrira; librarian teacher; poetess; b. 12.12.1926, Petach-Tikva; ed.: grad. "Talpioth" Tchrs Smnry; U. of London; divorced; 1 d.; publ.: 2 poetry vols.; 3 books f. youth in its transl., Zak Edition, Jer.; transl. TV programs f. youth; 1 poem appeared in Intl Anthology.
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GARTNER, Lloyd P.; Prof. of Jew. History, Tel-Aviv U.; b. 3.6.1927, New York; to Israel, 1973; ed.: Herzliah Heb. Teachers Inst., N.Y., 45; Brooklyn Coll., B.A., 48; U. of Penn., M.A., 49; Columbia U., Ph.D., 57; m.: Ruth S. Hagler; 1 s.; 1 d.; in USA, acad. teaching at: Queens Coll., Wayne State U., J.T.S., City Coll. of N.Y., 53-73; mbr: brd of dirs: U. Cen-

ters f. Rational Alternatives; Natl. Project on Ethnic America; p. Vice-Chmn & Chmn Inwood Gardens (cooperative housing); Pres. Congreg. Gates of Israel, N.Y.C., 69-70; fllw, Am. Acad. for Jew. Res., 71; edit.: Division of Americana, Encycl. Judaica; book review edit., Am. Jew. Hist. Quarterly, 62-70; mbr: Hist. Scty of Isr., Wld Un. of Jew. Studies; Jew. Hist. Scty of England, etc.; publ.: "The Jewish Immigrant in England, 1870-1914", 60, 73; co-author: History of Jews of Milwaukee, 63; Jewish Education in USA — A Documentary History, 69; History of the Jews in Los Angeles, 70; articles & reviews in Jew. History.
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GASPAR, Zoltan; industrialist; lumber business, furniture; b. 20.9.1920, Hungary; active f. Isr.; part. at 3rd Econ. Confer., Jerusalem, 73.
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GATT, Shimon; biochemist; M.Sc., Ph.D.; Prof., Dpt. of Biochemistry, H.U.; b. in Poland; to Israel, 1935; m. Hanna Greenwald; ed.: H.U., 45-50; Columbia U., 51-55; Public Health Research Institute of N.Y.C., 55-57; Albert Einstein College of Medicine, N.Y., 63-64; U. California at San Diego & Los Angeles, 68-69; Pres., Isr. Biochemical Society, 73-74; mbr, Neurochemistry Intl socty; publ. on Metabolism of Amino Acids, Carbohydrates & Lipids; main interest-investigation of enzyms which degrade complex lipids.
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GAULAN (Goldberg), Yehuda; lawyer & diplomat; Chief of Protocol, M.F.A., 1964-; b. Jerusalem, May 2, 1910; m. Sarah Kopstein; d. Tamar; ed.: London Sch. of Econ.; Govt Law School, Jerusalem; p. off., Political Dpt, Jewish Agency; head, Jewish Agency Mission, Jewish Refugees in Austria, 46-47; Consul General in South Africa, 49-52; Charge d'Affaires in Denmark, 52-54; Consul General in Montreal, 54-57; head, Public Relations Section, M.F.A., 57-60; Ambassador to Finland, 60-64; Chief of Protocol to the Presid. & Frgn. Ministry, 64-69; app. Dipl. Repres. in Athens w. pers. rank of Ambassador, 70-; articles in Heb. press.
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GAVISH, Yeshaya; Aluf (Brig. General Res.); p. Officer Commanding, Southern Command, 62-69; b. Tel-Aviv, 1925; m.; 2 ch.; educ.: Staff Coll., France. Various commands in I.D.F., 48-62; app. Gen Mng. of Koor Metal Industry Ltd., 1969.
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GAVISON, Jacob; Judge; Vice-President, District Court of Tel-Aviv; b. Hebron, 1905; ed.: Heb. Teachers' Seminary, Law School, Jerusalem; p. Public Prosecutor & Dep., Adm. Gen., Registrar of Companies, Reg. of Partnerships, Reg. of Patents of Trade-Marks, Official Receiver, Palestine Government; Registrar General in Israel; Lctr, Tel-Aviv University; Author of "Rules of Evidence"; "Criminal Procedure"; "Equity"; "Chapters in Mercantile Law", articles on legal topics.
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GAY (GOLDWASSER), Miriam; clin. psychologist; snr lctr, Bar-Ilan U.; chief clin. psych., Min. of Health; b. 31.5.1917, Brooklyn, N.Y.; to Israel, 1946; p. clin. psychol., U.S. Army; came to Palestine on G.I. Bill; p. 1st clin. psych., Hadassah Hosp., Jer. (working w. late Prof. Halperin); in Cyprus Psychiatric Mission, as clin. psych. on Pal. Psychiatric team (u. auspices of J.D.C.); psych. cnslt to I.A.F., 50; in Min. of Health: helped organize (w. Dr. W. Miller) 1st Mental Health Clinic in Jaffo; organized training f. Olim Psychol. from East. Europe; opened Mental Health Clinic, Petach-Tikvah; Youth Clinic in T.A.; now dir., snr teacher, Dpt. Psych., Bar-Ilan U.
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GAZIT, Issac; Manager, Port of Ashdod, 73-; Colonel (res.); b. 5.5.1928, Israel; ed.: grad. Tech. Sch. of Technion, Haifa; m.: Ruth Kofman; 1 s.; 3 d.; served in Palmach, Palyam & I.D.F., during 28 years; resigned Army (w. rank of Aluf-Mishne), 71; Dir., Auth. of Maritime Training, 71-73.
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GAZIT (Weinstein), Mordechai; M.A.; Dir. Gen., M.F.A., 71-; Assist. Dir Gen. (North Am. affairs), M.F.A., (1969-); p. Ambassador; born Istanbul; m. Rina Zelviansky; 1 s.; 1 d.; to Israel, 1933; Educ.: Hebrew U.; Ministry for Foreign Affairs, since 1949; First Secretary of Israel Embassy in London, 1952; Charge d'Affaires of the Israel Legation in Rangoon, 55; 57 to 60, Politic. Secret. & Dir. of Foreign Minister's Secretariat; p. Min. Pinpt. to Washington, 60-65; Ass. Dir. Gl., 65-67 & Adviser, 67- to Ministry; p. Dep. Dir Gen., Min. of Absorption, -69.
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Eng. (Examinations); to Israel, 1933; m.: Aviva Mazozky; 2 s.; 1 d.; previous activities: 50-60, "Yuval Gad" Pipe Mfg. Co. Ltd. Ashkelon, Dep. Chief Engineer; 60-63, Technical Manager, Chipboard Plant at "Ashkelon, Plywood Works" Ltd.; 63-64, Chief Engineer, "Ashkelon" Plywood Works Ltd.; 64-68, General Manager, "Agan" Metal Works Ltd.; Jan. 69, Plant Manager, J.P.I. Joint Pipe Industries Ltd., Ramla.

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GEFFEN, Joel S.; Rabbi; D.D., Honoris Causa; dir., dept. of field activities & comty ed., JTSA, 44- (mbr exec. c'tee, brd of overseers); mbr, Natl Exc. Cl., Un. Syn. (cnslt to the N.Y. Metropol. Reg.; p. dir., 53-65); mbr, Rabbin. Assbly, Isr. c'tee; N.Y. Bord of Rabbis; brd mbr, Am. Jew. History Ctr (assoc. of its collegium of scholars); mbr, Am. Acad. of Jew. Res.; mbr, brd of gvnrs, Natl Acad. f. Adult Jew. Studies of the Un. Syn.; spiritual advis., Natl Fed. of Jew. Men's Clubs; p. pres., N.Y. State Zion. Reg.; mbr, Natl Jew. C'tee on Scouting; b. 7.8.1902, Kound, Lithuania; ed.: Emory U., B.A.; M.H.L., ordained rabbi, JTSA, 26; hon. D.D., 59; N.Y. State Coll. f. Tchrs, M.A.; m. Sylvia Mintz; 2 d.: Lisa Schlesinger, Rela Monson; found. rabbi: Temple Beth-El, Harrisburg; Temple Beth-El, Troy, N.Y.; spirit. advis., naval cadets, Rensselaer Poly Inst. & Russel Sage Coll., Troy N.Y., wld war 2; p. mbr, exec. c'tee, N.Y. State Citizens f. a Durable Peace; p. mbr, brd of gvnrs, Beth Hayeled Sch.; mbr, comm. on Syn. relat., Fed. of J. Philantropies, N.Y.; author: "A Survey of the Status of Jewish Education in the Capital District of New York State"; "America in the First European Hebrew Daily Newspaper: Ha-Yom 1886-1888"; in preparing, a study of "European Backgrounds for American Jewish History as reflected in 19th century East European Publications"; co-editor: Road to Jewish Survival, 68; Torch Magazine, 45-; study visits, J. Communities of Scandinavia, Russia, Czechoslovakia, Austria, Spain, Turkey, England; pioneered in organizing & leading Pilgrimages of Syn. groups to Isr., 61-63; set up Isr. C'tees in Men's Clubs of Conservative Congrgns in USA & Canada; recip., special citation f. outstanding serv. to the Am. Jew. Comty, by B'nai B'rith, 52.

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GEIS, Manfred Moshe; drama critic; journalist; Editor, General Secretary, "Moadim", Play Publishers and Literary Agents, 1942-; b. Berlin, Dec. 27, 1906; m. Louise Shami; reciter of modern and classical poetry in Germany, 26-33; to Israel, 33; permanent contributor to local & foreign papers, to "The Hebrew Encyclopaedia" and "The Israel Yearbook"; some time literary adviser, Ohel Theatre; poetry and Bible-readings, lectures on theatre & literature over Kol Israel, several broadcast. stations abroad, etc.; hon. secr., International Theatre Institute's (I.T.I.) Israel Centre, 55-61; delegated, 61, to Vienna I.T.I. Congress, elected Vice-President thereof; Israel Philharmonic Orchestra Members' Org., 60-; active in various other public institutions.

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GELBRUN, Artur; composer and conductor; teacher, Rubin Academy of Music, Tel-Aviv U.; b. July, 1913; ed.: Warsaw State

Conservatoire, Accademia Sto. Cecilia, Rome; Accademia Chigiana, Siena; international prize in Geneva as violinist and chamber music player (1941, 1942); A.C.U.M. prize for composition, 65, 68, 71; to Israel, 1949; Guest cond. of Orchestras in Italy, Switzerland, Vienna, Belgium, Greece and Israel; Principal Compositions: 2 Symphonies, Ballets, Orchestral Suites, Songs with orchestra, chamber music, etc.; Works published by: Universal-Edition, Wien; Edizioni Suvini-Zerboni, Milano; Israel Music Institute (I.M.I.) and Isr. Composers League Publ. (I.C.L.P.), Tel-Aviv.
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GELLER, Zeev; Adm.; Mayor of Kfar Saba; b. 4.5.22, in Stanislawow, Poland; to Israel, 37; m. Tova Giltzer; ch.: Ronit, Dorit; p. with Jewish Brigade (41-46), IDF (48-49); Secr., Kfar Saba, Local Council (49-65); elected mayor (65); p. Secr., Union of Municip. Secret. in Isr. (55-65).
5, Agron St., K'far Saba. Tel. 923204.

GELTNER, Luzer (Eliezer); Dr.; M.D., Dir., "Asaf Harofe" Hospital & Head, Geriatric Dpt.; b. 26 December, 1909, in Poland; Educ.: Prague U.; to Israel, 1935; m. Lucy Becher-Friedlander; ch.: David, Judith; 35-37, Hadassah-U. Hospital, Jerusalem; 37-39, Shweitzer Hosp. Tiberias; 39-42, Private Practitioner; 42-46, Captain, British Army Medical Corp, Lybia; 46-48, Private Pract.; 48-49, Captain Medical Corp, I.D.F.; 49-51, District Physician, Rehovot; 1951, Director Asaf Harofe Hosp.; 1954, Head, Geriatric Department; Specialist, Internal Diseases & Public Health; Fellow, American Geriatric Scty; mbr: Europ. Clin. Cl. of Intl Gerontol. Assn; Isr. Medical Assoc.; Chairman, Chronic & Geriatric Medical Society; p. member, Central Comm. of Magen David Adom; Publ.: Preliminary Report on Chronic Dis. in Israel; 56, Med. & Social Problems of the Elderly, 60; Report on Activities of a Chronic & Geriatric Dpt. in a general Hosp. during 10 yrs., 65; Correlation betweeen clinical signs on admission and prognosis of cerebrovascular accidents, 66; Somatic Illness: Prevention & Rehabilitation, 66; Medical Services for the Chronically Ill & the Elderly, 64; Clinical Problems of cereb. vasc. accidents, 64; Experience w. an active geriatric unit in a gen. hosp., 68; Comprehensive care of cerebro-vasc. accidents, 73.
Rehovot, Chen Bd., 65; Tel. 951052.

GERICHTER, Haim; M.Sc.; Ph.D., M.D., M.P.H., Microbiologist; Dir., Central Laboratories, & of Div. of Labs, Ministry of Health; b. 9.1.1914, Poland; Ed.: Hebrew U.; to Israel, 1934; m.: Rivka; 1 s.: Yeshaiahu; with Central Laboratories, since 42; Ph.D. in 47; M.D. in 59, Jerus. Medical Fac.; awarded Dr. Goldberg Research Prize, by Med. Org., 1961; In Copenhagen, on behalf of W.H.O., 61-62; specialist in clinical microbiology; Dir, Govt. Central Labs; M.P.H. Med. School, Jerus., 66; Isr. Repres. at Intl Smnry on Cholera, India, 67; over 70 papers on microbiol., parasitol in intl spec. periodicals; editor, "Public Health", Quarterly publ. by the Min. of Health.
46, Hatayasim St., Jerusalem; Tel. 32098.

Gershom (Gershonowitz), Shoshana; Women's Affairs Attache, Israel Embassy, Washington, 59-63; p. commander "Hen" (Women Forces in Israel Army, as Colonel; b. Russia, 1908; to Israel, 1925.
22 Barak Street, Zahala, Tel-Aviv; tel. 771145.

GERSHON, Karen; writer; b. Bielefeld, Germany, 1923; to Israel, 1968; m. Val Tripp; s.: Christopher, Anthony; d.: Stella, Naomi; mbr, Heb. Writers' Assn, Isr.; publ.: poetry — The Relentless Year, New Poets, Eyre & Spottiswoode, London, 59; Selected Poems, Gollancz, London and Harcourt Brace & World, USA, 66; The Pulse in Stone, Eked, Tel-Aviv, 70; Legacies and Encounters, Gollancz, 72; prose — We Came as Children, Gollancz, London and Harcourt Brace & World, USA, 66; Postscript, Gollancz, London, 69; awarded: British Arts' Council Award, Jewish Chronicle Book Prize, Chaim Greenberg Prize, 1967.
4, Peterson St., The German Colony, Jerusalem; P.O.B. 8218; Tel. 37193.

GERSHUNI (Pinkensohn), Zvi; farmer; M.K. (Labour), 1969-; b. in Bălţi (Besarabia); 1915; studied Law, Bucharest U.; Polit. Econ., Hebrew U. (unfinished); m.: Hanna Roitkopf; ch.: Tamar Talmor; Jacob; Irith; p. mbr exec. c'tee, Gordonia, Rumania, & Secret. Hehalutz, Rumania, 34; to Israel, 1936; worker, Haifa Harbour, with mbrs Kvutzah "Nir-Am"; mbr, Haifa Workers' C. & Mapai chapter; mbr., Secretariat, "Hever Hakvutzot", 38-; on mission to Europe to refugee camps, 46-47; mbr, Negev Settlements Comm. during siege, 48-; Secretary, Internal Aff., Ihud Hakibbutzim, 52; assist. to p. Min. Defence, P. Lavon, 54-; leader in his Kibbutz, treasurer, secretary, etc., -69.
Kibbutz Nir-Am, Negev.

GERSON-KIWI, Edith; Ph.D.; Prof. of Musicology, Dpt. of Musicol., Tel-Aviv U., 66-; b. Berlin; to Israel, 1935; ed.: Acad. of Music, Leipzig, Berlin; Freiburg, Heidelberg & Bologna U-ies; m. 1936; 1 ch.; mbr: Dir. Brd of Intl Musicol. Scty; Brd of Intl Folk Music Cl. (UNESCO) & Int. Inst. f. Comparative Music Studies & Do-

cumentation; Editorial Brd, "Ethnomusicology" & "Orbis Musicae" (periodicals); p. chmn, Isr. Musicol. Scty; p. lctr, Academies of Music in Jer. & T.A.; Head, Jerusalem Phonogram Archives of Jewish & Oriental Music, 47-; harpsichordist; publ.: La musique dans la Bible, 57; The Persian Doctrine of Dastgah Composition, 63; The Legacy of Jew. Music through the Ages, 63; On the Musical Source of the Judaeo-Hispanic Romance, 64; Women Songs from the Yemen, 64; Vocal Folk-Polyphonies of the Western Orient in Jewish Tradition, 68; The Jews of the Atlas Mountains, 67; Record Album: Music in the Bible, 67; award: Engel Music Prize, Tel-Aviv, 70.

33, Ramban St., Jerusalem.

GERSTENFELD, Manfred; Dr.S.(Chem.); Mng. Dir.: International Consultants (Inconsult); National Consultants (Natconsult); b. 27.7.1937, Vienna; to Israel, 1968; ed.: Amsterdam U. (Chem.); Rotterdam Sch. of Econ.; Dutch Rabbinical & Teachers Smnry, Amsterdam; m.: Marianne Schwarz; 2 s.; p. Chmn, Wld Un. of Jew. Students.

16 Ahad Ha'am Street, Jerusalem; tel. 64183.

GERSTL, Stephen John; Hon. Secr. JNF, of Australia & NZ; Federal Dir., JNF. Austr. & NZ; B.Ec.; b. Uzhorod, Czechoslovakia, 1.1.1923; educ.: Gymnasia Ivrit, Uzhorod & U. of Sydney; m.: Rita M. Horschitz, 21.11. 46; mbr., Zion. Feder. of Austr. & N.Z.; Found. Mbr., Australian Jewish Quarterly Fnd; p. Mbr. Brd of Jewish Museum, Prague & of Zion. Feder. of Czechoslovakia; p. editor, "Vestnik", off. organ of the Jewish Comm. of Bohemia & Moravia; p. mbr. KKL Comm. Prague, p. mbr. KHUJA Directorate in NSW & Chairm. of its Public Relat. Dpt, Jewish Brd of Education; mbr B'nai Brith Club Sir John Monash Lodge, Sydney & City Tatersalls Club, Sydney.

174, Military Rd, Dover Heights, NSW, 2030. Australia.

GERTZ, Aaron; Advisor on Informatics to the Min. of Commerce & Industry; acting Dir. Gen. of ILTAM, 67-; Chmn, Assn of Senior Govt. Officials; mbr, Exec. C'tee, Intl Computation Center, Rome; b. Poland, 1908; m. Dvorah Weinberg; 2 d.; to Israel, 1929; mbr, Ein-Hahoresh, 29-35; asst. manager, Central Statist. Off., Isr. Govt. 48-54; Dir., Intl Computation Center, 64-65; editor of "Netivei Ha-Irgun", (period.); works on statistical topics, agric. settlement, immigration, demography, management, ADP, etc.

Motza Ilith, Jerusalem.

GERTZ, Samuel; B.A., D.D.; Rabbi; Congregation Agudath Achim Bnei Jacob, Brooklyn, N.Y., U.S.A., 1944-52; b. U.S.A.; m. Sylvia Bauman; Educ.: Rabbi Jacob Joseph School; Mesivta Tifereth Jerusalem; Teachers' Institute, Yeshiva University; Editor, "Integration" (Israel); Dir., Moadon Haole, Tel-Aviv; Natl Vice-Pres., Young Israel", U. S.A. & Canada; mbr, Rabbinical Council of Am.; Corresp. of "Viewpoint", Young Israel of Am.; lecturer & writer.

109 Hayarkon St., & 112 Jabotinsky St., Tel-Aviv.

GERZON, Maurice J.; manufacturer; co-founder & Director of Palestine Frutarom Ltd. & Electrochemical Industries (Frutarom) Ltd.; b. Groningen (Holl.); m.: Alisa Levy; 1 s.; 3 d.; to Israel, 1934; p. chairman, Manufacturer's Assoc., Haifa Branch; p. commercial counsellor, Israel Legations in France & Benelux; Pres., "Better Business Bureau", Haifa.

16 Kidron St., Mount Carmel, Haifa.

GESANG, Herzl; enterpriser; acting mbr, World Zion A.C.; Pres., Argentine Zion. Fed., 60-68; Secr. Gen. & Pres., Latin American Confed. of Gen. Zion., 56, 60-68; mbr, Exec. World Un. of Gen. Zion., 60-71; Vice-Pres., Gen. Secr. & Exec. Mbr of DAIA (Deleg. of Argentine Jew. Assns), 61-71; p. Secr., Keren Hayessod; mbr, B'nei Brith, Argentina; b. London, 1.10.1909; secondary studies; m. Fanny Rabinovich, 1935; d. Ruth Adela; joined 1st group of Zion. Scouts ("Shomerim"), 22; act. in K.K.L., 23-; joined "Juventud Cultural Sionista", 1st youth zion. org. in Argentine; Pro-Secr., Arg. Zion. Fed., 44 (Gen. Secr., 46); mbr, Zion. Central C'tee, 46; founder, 1st Dir., "El Estaro Judio", first zion. weekly in Spanish, Buenos-Aires, 46-50; founder, Latin Am. Confed. of Gen. Zion., 47; life-mbr: Chamber of Commerce, Club Gimnasia y Esgrima; active mbr, Bolsa de Cereales; lecturer, writer, essayist on Zionist & Jewish subjects.

1640 — 4 p., Av. Luis Maria Campos Buenos-Aires, Argentina.

GESUNDHEIT, Julius (Judah); M.Sc. (Eng.); Managing Dir., Electra Ltd., 1945-; b. Capetown, July 31, 1911; m. Rachel Ludvipol; 2 d.; Educ.: Mizrahi Teachers' Training College, Jerusalem; Technion, Haifa; London U.; to Israel, 1926; after graduation from London U. in 1935, engaged in refrigeration, air-conditionning, lifts, etc.; founded Electra Ltd., 1945.

19 King David Blvd., Tel-Aviv.

GESZTES, Thomas; M.D.; Head, Dpt. of Anaesthesiology, Negev Central Hosp., 60-; b. Komárno, CSR, 4.1.1926; to Israel, 1949; ed.: H.U., Hadassa Med. Sch.; m. Dina Kerekes, 1954; 2 d.; p. anaesthetist, Hadassa U. Hosp., Jer., mbr of Cl., Assn of Physicians, Kupat Cholim; mbr: Royal Scty of Med., London; World Fed. of Scties of Anaesthesiologists; Lions' Intl (p. pres., Beer-Sheva branch); publ. on different subjects in Anaesthesiology; lctrs on Cult. Anthropology.

17, Barak St., Beer-Sheva; Tel. 057-2340.

GETZLER, Zvi; Assoc. Prof., Technion Haifa, 50-; b. Amsterdam, Holland, 14.1. 1919; to Israel, 1938 (from Poland); ed.: Technion Haifa, 38-42; m. 1945; 2 ch.; Visiting Prof. MIT, Boston, 60-62; UCLA, 69; mbr: Assn of Eng. & Arch., Isr.; Am. Scty of C.E.; Intl Scty of Soil Mechanics & Foundation Eng.; Sigma Xi Scty; 14 publications in Heb., in Isr. journals; 9 Research Reports in Heb. & 2 Res.-Rep. in English; 12 papers in English journals (ASCE, Boston Scty of C.E., Concrete); awarded (f. papers): The Boston Scty of C.E. Structural Section Award, 63-64; Clemens Hershel Prize (Boston Scty of C.E.), 66-67.
71, Pinsker, Haifa; Tel. 222661.

GEVA, Iosef; Aluf (Mil.) Major General (res.); Mng. Dir., Supersol Ltd.; p. Defence Attaché, USA & Canada; Commanding General, Central Area, 60-65; p. Dir. Gen., Min. of Immigrants Absorption, 70-; b. Vienna, 1924; to Israel, 1939; ed.: H.U. Jer. (Econ. & Intl Relations); m.; 4 ch.; various commands, IDF, 48-56; head, Training Branch, 58-60.
Office: Supersol, 16, Hashomer St., Benei-Beraq.

GEVIRTZ, Yitzhak; Head, Dpt. of Regional Councils, Min. of Interior, 55-67; Coord., internal affairs admin. areas, 72-; p. Staff Off. for internal aff., Military Gov. for Gaza & Northern Sinai; b. London, Aug. 30, 1907; m. Malka Issaharoff; 3 s.; 1 d.; to Israel, 1921; Vaad-Leumi, preparations for Jewish State, 1947; Regional Councils' Assoc., 49-52; Chairman, regional council, Hof Hasharon, 54-55; Editor, International Seminary for Local Govt Administration, 3 volumes; Author, "Rural Local Government in Israel".
Shefayim.

GEYOR, Hanan; Managing Director, Shekem Ltd.; b. Trnovany (C.S.R.), Oct. 14, 1922; m. Diana Fajbusiak; 1 s.; 2 d.; educ.: Queen Victoria College, London; George Washington U., Washington D.C.; to Israel, 1940; British Army, 41-46; Training Branch, G.H.Q., I.D.F., 48-52; with Israel Air Force, 52-59; Asst. Quartermaster General, G.H.Q., 59-62; Chief of Ministry of Defence Mission to Far East and Military, Naval & Air Attache to Burma, Thailand, Japan, Philippines and Korea, 1962-66.
19 Harimon St., Neve Magen.

GEYRA, Igal; Mech. Eng.; painter; Manager, Tel-Aviv and Southern Area branch of "Paz" - Oil Company Ltd.; b. 3.4.1918, Damascus (4th generation in Isr.); ed.: Reali Sch., Haifa; London Coll., Northampton Eng. Coll.; m.: Naomi Gottlieb; 1 s.; 2 d.; w. "Paz" (formerly "Shell"), 41-; shows at promient intl galleries as Katina Granoff, Paris & Musée de Petit Palais, Geneva.
85 Gordon St., Tel-Aviv; tel. 232882.

GHITIS, Jacob; National Chairman of Keren Hayessod-UIA in Italy & natl chmn of the Emergency Drive, May 1967-; vice chmn of Heruth-Hatzohar in Italy; eng.; manufacturer; b. in Usita Veche, 1 May, 1909; educ.: Prague U., Mulhouse U., eng. degree; m.: Esther Weisz, 1946; ch.: Wiliam Zeev, Lilian Leah; p. chmn of Jewish Students' Assn in Jassy; p. head, Maccabi Sport Org. in Jassi; during world war 2, instrumental in rescue work among the deportees in Transnistria, etc.
11, Via Pagliano, Milan.

GIBSTEIN, Hanania; M. Jur.; Mayor, Rishon-Le-Zion, 69-; b. Rishon, 25.8.33; educ.: Hebrew U., law; m. Bilha Rozin, 20.12.55; ch.: Irit-Rahel, Yehoshua, Limor; mbr, later Pres., Junior Chamber, Rishon; columnist, on taxation, "Shaar", daily; mbr., regional c'tee, Graduates of the Hebrew U.; mbr, Council, Fiscal Assn of Israel; renowned crusader for several public issues & won overwhelming majority in 1969 municipal elections.
16, Dror St., Rishon Lezion; tel. 941271.

GICHON (Gichermann), Mordechai; archaeologist, historian; Ph.D., M.A.; Lt. Col. (res.); b. Berlin, 16.8.1922; ed.: H.U., Jer.; m. Chava Goldberg; 3 s.; 1 d.; Brit. Army (Jew. Brig.), 42-45; Jew. relief work in Europe, 45-46; IDF, in comm. a. staff, 47-61; Snr Lctr in Military History & Classical Archaeology, Tel-Aviv U., 61-; Prof., Tel-Aviv U., 72-; publ.: Atlas Carta - Milit. History of Eretz Israel; 66 articles in sci. periodicals; excavations: En Boqeq, 67-70; Zafit, 72; Tamara, 73-; head, Unit of Roman Frontier Studies, Dpt of Classics, Tel-Aviv U.; award: Sukenik Prize, archeological research, 59.
14, Asa'el St., Zahala, Tel-Aviv.

GIDRON, Alexander; business executive; Assist. Mng. Dir., Electra (Israel) Ltd.; b. in Rumania, 25.6.1920; educ.: Mil. Administration School, USA; Command & Staff College, IDF; m. Eva Gelert; 2 s.; to Israel, 1939; with British Army, 40-46; with IDF, -63, rank of Sgan Aluf (Lt. Col.); p. Military Attache to Burma and Thailand.
26, Shamgar St., Zahala, Tel-Aviv.

GIDRON, Moshe; Tat-Aluf (Res.); Chmn Brd of Dirs. & Mng. Dir., "Telrad" — Telecommunication & Electronic Industries, 73-; b. 1925, Tel-Aviv; m. Tamar Hoz; 2 ch.; serv. Palmach; p. Liais. Off., Aliyah B.; w. I.D.F., 48-72; through several courses & comm. commissions; Chief Communications & Electr. Officer, 66-72 (p. assist. Comm. Off.).
29 Neve Reim, Neve Magen, Ramat-Hasharon; tel. 771044.

GIDWITZ, Joseph L.; paper box comp. exec.; mbr, Natl C'tee: UJA, 64-; JDC, 65-; b. 16.1.1905, Memphis, Tenn., USA; ed.: U. of Chicago (Ph.B.); m.: Emily Rose Klein; ch.: Alan, Ralph, Betsy; in paper & packaging bus., 28-; Dir., Natl Paperboard Assn, 64-; mbr: Chicago Assn of Comm. & Ind., Natl Assn of Mfctrs, U. of Chicago Devel.

Cl., White House Conf. on Aging, 71; leading positions in Charieties: Allocation Fund, Combined Jew. Appeal, Comty, Cl. Jew. Charities, Jew. Child. Bureau, Jew. Fed. of Metropol. Chicago; Cancer Res. Fndn, U. of Chicago (trustee, 56-66); awards: J. Rosenwald Memorial, 69; Golden Age Hall of Fame Citation, 71.
175 East Delaware Place, Chicago, Ill. 60611, USA; office: 72 W. Adams St., Chicago, Ill. 60603.

GIL, Israel; Chairman, Secretariat, "Egged" — Israel Transport Coop. Scty Ltd.; b. Israel, 3.11.1928; ed.: scndy sch.; m. 1950; 2 daughters.
9, Balfour St., Tel-Aviv; Tel. 612086.

GIL, Moshe; Snr Lctr, Dpt of Jew. Hist., Tel-Aviv U.; b. 8.2.1921, Bialystok, Poland; to Israel, 1945; ed.: Tel-Aviv U.; U. of Pennsylvania, Ph.D.; m.: Shoshana Herland; 3 d.: Hagit, Dina, Esther; res. in Jew. history mainly in the early Muslem Period, also Class. Islam; publ.: on Jew. mediaeval foundation & other Cairo Geniza Studies; on agrarian problems in Palestine under Roman rule; on the Jews in Medina.
Tel-Aviv University, Depart. of Jewish History.

GILAT (Glizer), Aharon; Mech. Eng.; Dir. The Standards Instit. of Israel (S.I.I.), 68-; b. Vilna, 27.3.1910; m. Agnes Rubinstein; 1 s.; 1 d.; educ.: Technical U., Warsaw; to Israel, 1934; p. Dir., Isr. Gvt. Investment Centre, 58-60; lectr. on Fundamentals of Prod. Management, H.U., 57-60; p. Gen. Adviser to T.A. City Management, 60-66; p. Dep. Dir. Gen., Ministry of Comm & Industry, 66-68.
13, Megido St., Tel-Aviv.

GILAT, Gideon; physicist; Assoc. Prof. of Physics, Technion; b. 6.3.1929, Germany; to Israel, 1933; ed.: Heb. U. — M.Sc., 57; Ph.D., 62; m.: Edna Cohen; s.: Ittai; d.: Sharon; fllwship, CRNL, Chalk-River, Canada, 63-64; Phys., ORNL, Oak-Ridge Tenn., 64-67; snr res. assoc.: CNEN, Ispra, Italy, 67-68; AM Atomenergy Studsbik, Sweden, 69; fllwship ,JBM, San José, 70-71; major field of interest in Solid State Physics; recip.: Greenfeld Award, Heb. U., 55; Hon. Citizen of State of Tennesee, 65.
15 Harel St., Haifa; tel. 252912.

GILAT, Yitzhak Dov; Ph.D., Prof.; Dean, Faculty of Jewish Studies & Human. & Head of the Talmud Dpt., Bar Ilan U., & Assoc. Prof., T.-A. U.; b. Lithuania, 22.9.1919; m. Ruth Horn; 3 s.; educ.: Religious College; Hebrew U.; to Israel, 1935; teacher; mbr., Central C'tee for Youth Aliya, Mizrahi; inspector of boys' schools, Min. of Education; articles on Humanities & Judaism; publ.: The Teachings of R. Eliezer Ben Hyrkanos & Their Position in the History of Halakha", 68 (awarded Kugel Prize, 69); Divis. Editor, Encycl. Judaica (J.U.P.).
15, Ben Sira St., Tel-Aviv.

GILBERT, Nathan; Prof. of Chem. Eng., U. of Cincinnati, 53-; Jew. Comm. Relat. Cl. of Cincinnati; b. 27.9.1913, New York; ed.: U .of Calif. (B.S. Chem.), U. of Wisconsin (Ph.D. Chem., 42); m.: Hilda Kessler; ch.: Miriam Anne, David Mark; Assoc. Chem. Eng., Project Leader, Tennessee Valley Authority, 42-53; Fcty Repres. to Bord of Dirs. U. of Cincinnati; Chmn, Comm. on Services to Older Adults, Jew. Welf. Fnd.; p. pres.: State of Alabama Assn of B.B. Lodges; A.M. Cohen Lodge, B.B., Cincinnati; p. vice-pres., Temple Sholom; mbr: Am. Inst. of Chem. Engs.; Am. Scty f. Eng. Educ.; Air Pollution Control League of Cincinn.; lctr & cnslt in optimization, automatic control, reactor design; res. on oxides of nitrogen; sen. visit. fllw. OEEC.
Dept. of Chemical & Nuclear Eng'g., University of Cincinn., Cincinnati, Ohio, USA.

GILBOA, Amir; poet, editor; b. 25.9.1917, in Radzivilov, Wohlinia (URSS); to Israel, 1937; worked in plantations, stone quarries, army camps; served in British Army, world war 2, then IDF during war of indep.; started publ. poetry 1941 in dailies & periodicals; publ. poetry colls: "Leot", 42; "Sheva Reshuyot", 49; "Shirim Baboker-Baboker", 53; "Kehhulim Wa'adumim", 64; several translations f. works by Izban, Winogradov, etc.; "Creativity Grant", 69; Bialik Prize, 1971.
19, Reading St., Tel Aviv.

GILBOA, Haggai; D.Sc., chemist; snr lctr, Technion Haifa; b. 17.3.1936, Jerusalem; ed.: Technion Haifa — B.S., 63; M. Sc., 65; D.Sc., 69; married; 3 ch.
73 Einstein St., Haifa.

GILBOA, Jacob; composer; b. Kosice, CSR, 2.5.1920; educ.: H.Sch., Technion (1 yr), Music Academy (3 yrs); m.: Shoshana Bergman; ch.: 1 d., Rotem; serv. IDF, Indep. War, civil serv. T.A. Munic.; composition with Mr. Paul Ben Haim; to Isr.: 1938; Prize Acum, 1968 f. composition; published, performed & brdcast: "Safiach", "12 Chagal Windows", "Passing Clouds", "Seven Little Insects"; "Cristals", "Thorns", "Dews", "Horizons in violet and blue", "Pastels", "Cedars", "From the Dead Sea Scrolls", "14 Epigrams for Oscar Wilde".
6, Rahvat Hagayssot, Yad Eliahu, T.A.

GILBOA, Moshe; advis. to Ministry of Transport & Communications, 72-; civ. serv., 59-; b. Israel, 1.7.1930; ed.: Herzlia HS; Hebrew U. Jer., B.A.; London Sch. of Econ.; Cambridge extern. Acad. Course (Eng. Proficiency certif.); m. Ayala Yanai, 1950; d. Gitit; s. Vered; mbr: Central Exec. C'tee, Labor Pty; World Exec. C'tee, Labor Zion. Mov.; deleg. to Zion Cong., 69 & elected dep.-mbr, Zion. Cl. f. Israel; mbr Intl Dev. Scty; hon. mbr, Rot. Club; in Southeast, Dean — Atlanta Consular Corps; p. mbr Hagana (volunteered to Palmach); p. mbr, border kibbutz, Erez; p. Pres., Isr. Students' Un., p. Spokesman, Lab. Pty; p. Assist. to Minister A. Eban; p. mbr: Frgn Relations C'tee, Lab. Pty;

mbr. Public C'tee f. Habimah; p. Dir., Div. of Spec. Assistance to Dev. Countries, Min of Defence; mbr., J.A. Youth & Hechalutz C'tee, in England & Ireland; p. Consul Gen. to USA, southeast area.
80 Sharet St., Tel-Aviv; tel. 261897.

GILBOA, Moshe; econ.; author; mbr, Publ. Secr. of "Davar" & Labour Party Secr.; Econ. Adviser & Director of Co-operation Dpt., Hevrat Ovdim; p. Deputy Dir. Gen., Min of Comm. & Industry; Chmn., Assn of Social Science & Humanities in Israel; b. Warsaw, 1922; m. Menuha Ben Shlomo; ch.: Meir, Erel; educ.: Hebrew U.; in charge of foreign currency budget, Min. of Finance, 1955; p. Dir. Gen., Afro-Asian Instit.; Author: "On Democracy"; "Changes in Labour Economy & Cooperation"; "The Added Value"; "Six years — Six Days", 1968; articles & papers on economic, sociological & political topics.
1, Alumim St., Afeka, Tel-Aviv.

GILBOA, Yehoshua A.; Mbr., Edit. Brd., "Maariv" daily, 55-; res. assoc., Diaspora Res. Inst., Tel-Aviv U., 69-; b. Pinsk, 13.5. 1918; m. Dina Fuerstenberg, 1948; ch.: Shuvit, Avishai; to Israel, 1949; Editor, Zmanim, daily, 1954-1955; published: "Burning Coals", 1954; "Jewish Culture in URSS in Ruins", 59; Guardian Forever", 63; "Uhuru — Days & Nights in Africa", 65; "Hebrew Book Shelve", 65; "Confess!" publ. in USA; "The Black Year of Soviet Jewry; recip.: Prize f. journalism, research at Brandeis U. on the History of Soviet Jewry; recip.: Prize f. journalism, 64, 70; Prize f. Judaic Studies, 72.
12, Prof. Shor St., Tel-Aviv, 443828.

GILDESGAME, Leon L.; businessman, philanthropist, dedicated comm. worker; b. Wloclawek, Poland, 27.1.1895; m. Ruth Oppenheimer, 1940; ch.: Daniel P., M.A.; Myron L., B.A.; dir., mbr Scholarship C'tee, Am. Friends of the Hebrew U.; Mng. Dir., Eastern & Russian Trading Co., Ltd., London, 19-29; founder, chmn: Argee Co., Ltd., etc., England, 28-58; Gildesgame Brothers, Ltd., 30-58; Pres., Gildesgame Corp. New-York, 41-71; ed.: religious schools, Poland; "Herzliah" Gym., Tel-Aviv, 13-14; Lycée Français, Alexandria, 16; London U., School of Econ. & Pol. Sci., 19-22; w. the Guildhall School of Music, London, 22-24; Zion Mule Corps (Trumpeldor's Legion, Gallipoli, 1915); also Royal Field Artillery, Royal Flying Corps, 17-19; Royal Geographical Scty, England, 1918, (in connection with General Allenby's campaign in Palestine); won medals, Gallipoli Star; cited for outstanding bravery by Comm. Off. Patterson; mbr.. Veterans of Jewish Battalions (Hagdud Haivri) etc.; Patron Am. Fr. Avichail Cultural Center; founder, Pres.. Gildesgame Foundation, Inc., New York (sponsoring talented Israeli students in music & fine arts); Hon. Sec. & Chmn Anglo-Palestine Club, London, 20-40 (Lord Balfour, Patron, James De Rothschild, Pres.); p. org. & Hon. Secr. Poalei Zion, England, 19-31; p. treasurer, W.J.C., 30-36; mbr. Board of Deputies British Jews, London, 37-40; founder (with Edw. Norman) of Am. Isr. Cult. Fndn & p. Dir., co-treasurer & mbr. of its exec. committee; vice-pres. of Am. Friends of ORT, 41-71; Trustee Jew. Cult. Fndn, N.Y.U.; Mbr. Board of Overseers, Dropsie U., Philadelphia; f. prs. Reform Hebrew Cngrgns; Am. Arbitration Assn. 58-; v.p. Intl Cult. Center f. Youth, Jerusalem; Am. Isr. Music Alliance; treasurer, Am. Histadr. Cult. Exchange I.; Gov. Council, A.J.C.; chmn-treas. Iss. Ryback Museum, Bat-Yam, Israel; North. Westchester Dance & Music Group; chmn, Schol. C'tee, Herzliah Teachers I., People's U.; Gen. Ch., UJA 1952-; Ch.. Israel Bonds, 51-70, etc.
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GILDESGAME, Pierre; U.K. Dir of Companies; Chmn., Maccabi World Union Exec.; Chmn., International Maccabiah Games Committee; Chmn., European Regional Exec. 1946-1958; Pres., Union Maccabi Assns G.B. and N.I.; Pres., Maccabi Association London, Chmn., The Friends of the Art Museums of Israel in the U.K.; Chmn, JPA Trades Committee; Chmn, Lifeline for the Old Jerusalem; Commercial and Industrial Engineer; b. Sompolno, 1903; Son of Abraham M. and Deborah Hildesheim (descendent of Rabbi A. Hildesheimer, found. of Rabbin. Sem., Berlin); m. M. Zausznica. Auth.: "Maccabi's Aims & Objects" 4 editions; special interests: Youth Welfare & Amateur Sports.
Highfield Mills, Earl Shilton, Leicester, U.K.

GILDESGAME, (Oppenheimer), Ruth; comm. leader; b. in New York; att. School in Boston, La Salle College; m.: Mr. Leon Gildesgame (see entry); devotes extensive activity for Temple Beth-El of N. Westchester N. Y. The U.J.A. and the American-Israel Cultural Foundation, mainly in sponsoring young Israeli talents in music, stage-directing, painting etc.; other affiliations include: Brandeis U. Feder. of Jew. Philanthropics, American Friends Hebrew Univ. Jerusalem, U.S. C'tee sports for Israel etc.
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GILEAD, Shlomo; Architect, Eng. Town Planner & Consulter; Assoc. Prof, Technion; indep. planning office; b. in Poland; m. Aliza; 2 ch.; grad. Technion, 44; w. IDF, 48-49; architect, mbr. coop partnership "Hevrat Hamehandessim", 49-55; lecturer, Technion Archit. Dpt., 60-; mbr, Eng & Archit. U. of Isr.; aliah, 1933; planned building of Municipal Theater, Haifa; Haifa University (with Prof Niemayer); Kiryat Hatechnion; Students' House; Beth Biram; numerous School buildings, Halls, etc., in kibbutzim; numerous housing schemes, in Haifa; numerous prizes, in archit. compets.
3 Pevzner St., Haifa; tel. 664053.

GILEAD, Zerubavel; poet, author, editor; mbr., edit. brd., Kibbutz Hameuhad Publishing Co., 1955-; edit., Mibifnim; b. Russia, 1913; m. Shoshana Kellner (dec. 1965; rem.: Dorothea Krook, 68; 3 d.; educ.: Hebrew U.; to Israel, 1922; Palmach Gen. Staff, 42-48; IDF, 48-49; auth.: Neurim, 36; Shiboleth Playim, 49; Siha al ha-Hof, 53; edit., Sefer ha-Palmach, 53; Holder Holon Prize, 1961; furt. writ., "Afar Noher", 60; "Sicha shelo tama", 65; "Yam shel Maala", 66; "Or Chozer", 70; "Zemirot Yerukot", 71; "D'vorat Hazahav Haktana", 71; Y. Aronovitch Histadrut Prize f. lit., 71.
Kibbutz Ein Harod Meuhad.

GILL, Zvi; journalist, broadcaster; Dir., News & Current Affairs, T.V., 71-; Press & Public Affairs, Israel Broadcasting Auth., 70-; b. Warsaw; to Israel, 1940; ed.: H.U. Jer., B.A.; New-York U., M.A. — social sci. with specialization in Mass Communication; m. Judith; d.: Anat, Reumi, Ayala; Dep. Dir., TV-News; corresp. & repr. of Isr. B'casting Auth. in USA; did. of news & current affairs, "Kol Israel" T.A.; snr editor, radio news, Jer.; news editor & intl affairs corr., "Zemanim" daily, Jer., 53-55; p. educ. dir., Nitzanim youth village; p. Shaliach of Youth Dpt., J.A., to the USA; publ.: essays, short stories, several reasearch works on mass-persuation & mass-communication; app. head, News Desk, Isr. TV., Dec. 1971.
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GILLIS, Joseph; M.A.; Ph.D.; mathematician; Prof., Appl. Math. & head, Dpt. of Science Teaching, Weizmann Institute; Mbr, Brd of Governors Negev University & Natl Statistics Cl.; b. Sunderland (England), 3.8. 1911; m. Olga Kirsch; 2 d.: educ.: Trinity College, Cambridge; Lectr. in mathematics at Queen's U., Belfast; mbr., Instit. f. Advanced Study, Princeton U.S.A., 55; mbr., Instit. f. Space Studies, N.Y. City, 61-62; Contributed to scientific journals.
Shikun Neveh Weizmann, Rehovot.

GILON, Yaacov; Dir., Migdal-Binyan Insurance Co. Ltd.; b. Bialystok, 15.10. 1917; to Israel, 1936; ed.: Law & Econ., Tel-Aviv U.; Coll. Life Insurance, USA (B.S., S.L.U.): m. Esther Harcavi; d.: Ronit, Dafna; articles on life insurance.
9, Lean St., Ramat-Gan; Tel. 723078.

GILSHON, Aharon; econ.; Dep. Governor, Bank of Zambia, 71-72; Dep. Director, Chief Economist, Res. Dpt., Bank of Israel; b. Jerusalem, 2.2.1928; ed.: H.U. Scndy Sch., 45; Yelin Teachers' Smny, Jer., 48; H.U., 52; m. Naomi Sohlberg, 1952; ch.: Ella, Sarel; p. Assist. to Dir Gen., Min. of Agric.; p. Chmn & mbr of several prof. ministerial & public c'tees, i.a.: Secr., "Horowitz C'tee" (Pub. Comm. on Agric.), 59; Head, experts' c'tee f. employment & dev. plan f. Gaza Strip, 67; Head, experts' c'tee on the banking indus., 69; mbr, brd of dirs: Inst. f. Res. into Agric Income; Res. Centre on Agric. Econ.; lctr on Isr. econ. in numerous courses & training schemes; deleg., Intl Conference of Agric. Econ., Minsk (USSR), 70; articles in prof. periodicals on econ. matters; chapters on prices, agric., natl accounts in Bank of Israel Annual Reports, 55-68; Quarterly review of recent econ. dev., publ. by Bank of Israel.
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GINOR (Dulberg), Fanny; Dr. rer. pol., Economist; Econ. Adv. to Govnr of Bank Israel, 53-71; Senior Lctr, Tel-Aviv U.; b. in Austria; ed.: Basel U.; m. Yehoshua Ginor; to Israel, 1934; p. research econ., Jewish Agency (43-48); econ. adv. to Min. of Fin., 49-53; Lctr, History of Law & Econ., Tel-Aviv U., 54-59; Instr., Assoc. Teach., Hebrew University, Agric. Faculty & Sch. of Econ. & Soc. Sc. (55-62); Counsellor, Isr Mission U.N. (62-64); Mbr., Isr. Deleg. to G.A. of UN, 57, 62 & 63; rep. on various Govern. & UN Comm. on econ. & soc. matters; Publ.: "Der Imperialismus im Lichte seiner Theorien" (Basel, 36); "The Problem of the Ec. Develop. of Isr." (Jerus., 52); "Uses of U.S. Agric. Surpluses" (Jerusalem, 63); "The Reparations & their Impact on the Israeli Econ." (Tel Aviv, 65); contrib. to "Econ. Quarterly", "Kyklos", Basel, etc.
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GINOSSAR (Grunzweig), Shalev; Prof. of Law (Em.), Civ. & Crimin. Proc., Faculty of Law, Hebrew U.; b. Antwerp, Belgium, 1902; educ.: Brussels U; to Israel, 1939; Judge, District Court, Tel-Aviv, 48-51; Lecturer, 51; Assoc. Professor, 52; Professor, 62.
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GINSBERG, Charles; Jr.; has been Chairman of the Israel Emergency Fund drive of the Cleveland Jewish Community Fderation, General Chairman of its campaign; Board member Jewish community Federation; Board member of the Jewish Welfare Planning Committee; dirctor Israel-American Chamber of Commerce in Cleveland; capt. non-sectarian United Appeal; Chairman Board of Sanitas Service Corporation and President of Aetna Cleaning Contractors in Cleveland.
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GINSBERG, Edward; Att. at Law; pres., UJA, 71-; (gen. chmn, 68-71); gen. chmn, A.J.D.C., 71-; vice-pres.: Jew. Tel. Agency; Hias; Brd of Gvnrs Jew. Agency; b. 30.5. 1917, New York; ed.: Shaker Hts. High Sch., U. of Mich., A.B., 38; Harvard U., J.D., 44; m.: Rosalie Sinek; ch.: William, Robert; snr partner, law firm Gottfried, Ginsberg, Guren & Merrits; exec. vice-pres., U.S. realty invest.; chmn, World Comm. on Fundraising; p. prs., Fairmount Temple; Life Trustee, Jew. Comm. Fed.; recip.: Eisenman Award, Cleveland Jew. Comty Fed., 71; Hon. Fllwshp H.U., 70; Hon. Dr., HUC, 72.
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GINSBURG, Charles David; lawyer; b. New Y., 20.4.12; s. Nathan & Rae (Lewis) G.; A.B., West Va U., 1932; LL.B., Harvard, 1935; m. Christina Esslay; ch.: Jonathan, Susan, Mark; Atty. for the public utilities div. & the office of gen. counsel, Securities & Exchange Commn., 35-39; law sec. to Justice Wm. O. Douglas, 39; asst. to Commr. Leon Henderson, Securities & Exchange Commn. 39-40; legal adviser Price Stabilization Div., Nat. Defense Advisory Com., 40-41; gen. counsel Office of Price Adminstrn. & Civilian Supply, 41-42, OPA, 42-43; private practice of law, Washington D.C., 1946-; partner firm Ginsburg, Feldman & Bress; adm. assist. Sen. M.M. Neely (W. Va.), 50; adj. prof., Intl law, Georgetown U., Sch. Law, 59-67; Dep. commr. U.S. deleg., Austrian Treaty Commn, (Vienna), 1947; adviser, U.S. del., Council Fgn. Ministers (London), 1947; Brd. mbr., Natl Symphony Orch. Assn.; Mbr, Presidential Emergency Board No. 166 (airlines) 66; Chmn, Presid. Emerg. Brd No. 169 (railroads) 67; Commissioner, the President's Comm. on Postal Org, 67; Exec. Dir., Natl Advisory Comm. on Civil Disordres, 67-68; Mbr, visit. c'tee, Harvard-MIT Joint Center on Urban Studies, 67; Trustee, St. John's Coll., 69-; Member, Overseers Committee, Kennedy Sch. of Government, Harvard University, 71-; mbr, Am. Law Inst., 72-; Cl. mbr, Natl Harvard Law Sch. Assn. 72-; Hon. Fllw, Weizmann Inst. of Sci., Rehovot, 72-; serv., pvt. to cpt., AUS, 43-46; Dep. Dir., Econ. Div., Milit. Govt. Germany, 45-46; Bronze Star medal, Legion of Merit; Presidential Certif. of Merit; mbr., Phi Beta Kappa; Publ.: "The Future of German Reparations", etc.

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GINSBURG, David; B.Sc., M.A., Ph.D.; Professor of Chemistry, Technion, Haifa; b. New York, Sept. 5, 1920; m. Hemda Ber; 2 d.: Jonina, Simona; ed.: C. Coll. N.Y., Columbia and New York universities. Weizmann Inst., 1948-54; Technion Haifa, 1954-; U.S. Public Health Service, Special Fellow, Harvard U., 52-53; Guggenheim Fellow at Harvard U., 60-61; vis. Prof. Brandeis, Zurich, N.Y., Boston, Saskatchewan, Oxford U-ies; Fellow, Merton Coll., 70-; Chmn, Isr. Chemical Socty, 55-56; acting Pres. Technion, 61-62; Chmn Israel Council f. Research & Development, 61-62; Chmn Brd, Israel Mining Labs, 64-; Chmn Brd., Center for Appl. Res., 66-71; author 3 books & edit. 1; articles on organic chemistry, incl. synthesis of morphine (awarded Weizmann Prize, 54); Rothschild Prize f. Chem., 65; Isr. Prize in Exact Sci., 72.

80a Hatishbi St., Haifa.

GINSBURG, Pinchas; Dep. Gen. Mng. & Gen. Mng. f. Europe, Citrus Market. Brd; b. 1911, Koenigsberg; edit. Business Administration, Columbia University; m.: Emmy Stern; ch.: Hagai, Yael; agric. training in Germany; leading jobs in kibbutz Ramat Hakovesh; mbr. scrt. Hakib. Hameuchad; on missions, behalf, Jewish Agcy, Histadrut, to Germany, 38-39; org. illegal aliyah from Europe, active in Hagannah, -48; treasurer of Jew. Ag. in Europe, 49; Dir. Gen. of the Ministry of Transport, 55-62; Dep. Gl. Mng., C.M.B., from 63-; mbr brd, Tnuva Export Ltd.; award, Ot Ha-Hagannah.

Kibbutz Ramat Hakovesh.

GISKIN, Gwen; painter; teach. paint. at Ohel Sara, Emek Jezreel & art class f. gifted children, Natzeret Illit; b. 1932, Roaring Spring, Penn., USA; to Israel, 1965; ed.: Penn. U. — B.S. in Art. Educ., 59; M.Ed. Art., 60; m.: Dr. Martin L. Giskin; d.: Tamar; partic. in group shows at Beit Chagall, Haifa, 67-72; one-man show: Aba Khoushy Centre, Haifa, 70; Beit-Leivik Gall., Tel-Aviv, 72; mbr, Assn of Painters & Sculptors, Isr.; recip.: Struck-prize, Haifa Museum of Modern Art, 67.

16/31 Jezreel St., Natzeret Illit.

GITLIN, Gershon; Professor, 72-; Head, Department of Anatomy; born in Cape Town, 1916; M.B., Ch.B., 39;; Ph.D., 40, Cape Town; Simon Marks Fellow: Univ. College, London, 59-60; Visit. Prof., Dpt. of Anatomy, U. of Natal, Durban, 64; Hebrew U.: Instructor, 51; Lecturer, 55; Assoc. Prof., 63; Visit. Prof., Case West. Res. U., Cleveland, Ohio, 70-71.

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GITTER, Moshe Benno; Vice-Chairman of: IDB Bank Holding Corp., Discount Bank of Isr. Ltd., Chmn, Exec. C'tee, Clal; mbr, Brd of the Israel Corporation; chmn, Israel Devel. & Mortgage Bank Ltd.; b. Amsterdam, 8.5.1919; m.; 3 ch.; to Israel 1958, after 13 yrs in Buenos Aires, as Dir. of industrial & commercial enterprises.

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GITTER, Simon; M.D.; Dean of the Tel-Aviv U. Medical School (1969); Head, Department of Physiology & Pharmacology, Beilinson Hospital; b. The Hague, Netherlands, Dec. 9, 1915; m. Lea Neubauer; 2 d.; educ.: Amsterdam U.; to Israel, 1950; mbr, International Institutes and Associations in Argentine, England, U.S.A. and Israel on experimental biology and medicine, pharmacology; Chairman of the Board of the Pharmacological Institute of the Natl Council for Research and Development, Govt of Israel; author of papers on biochemistry, pharmacology, physiology, snake venoms and experimental cancer chemotherapy.

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GIVEON, Raphael; Dr.; Snr Lctr in Egyptology, Dpt. of Oriental Studies, Tel-Aviv U.; b. Elberfeld, Germany, 8.2.1916; to Israel, 1945; ed.: Hochschule fuer die Wissenschaft des Judentums, Berlin; H.U., Jer.; Ecole pratique des hautes études, College de France & U. of Paris; m. Jehudith Genzer, 1944; d.: Adayah, Dorit; Snr Lctr (part time), Haifa U.; p. Lctr: Teachers' Coll. of the Kibbutz Mov., Oranim; Inst. Intl d'Etudes Hébraiques, Paris;

mbr: Egypt Exploration Scty, London; Société Francaise d'Egyptologie; corresp.-mbr: Instituto des Estudios Avanzados, Cordoba (Argentina); Groupe linguistique d'études chamito-sémitiques; publ.: "Les béduins Shosou des documents égyptiens", 71; papers on Archaeology & Egyptology in Hebrew, English, French; contrib. to: "Realkatalog der Aegyptologie", Basle; "Lexikon der Aegyptologie", Wiesbaden; research on the relations between Ancient Egypt and Israel.

Kibbutz Mishmar Haemek.

GIVLI, Benjamin; Company Exec.; Mng. Dir. & Gen. Mng., SHEMEN Industries Ltd., -67; born in Petach Tikva, 19.11.19; educ.: Political Sciences & Public Int'l Relations, Princeton U.; m. Elisheva Avituv; 1 ch.; served f. many years, IDF; released, 1961, rank of Col.; Head, Intelligence Service, IDF, 50-55; p. Commander in Chief, Infantry Brigade; partic., Sinai Campaign; Military Attache to England & Scandinavian countries, -61; Dir., Kaiser-Illin, Automobile Assembling Plant, 61-67; Chmn, Israel Export Inst.; Israel Independence Award, 48; Sinai Campaign Award, 56.

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GIVTON, Hanoch; M.A.; Dir. Gen. Min. of Tourism, 70-; Minister, Israel Mission to the United Nations, New York, -69; past Dir. Gl., "Kol Israel", b. Mlava, April 16, 1917; m. Minna Davidovitch; 1 s.; educ.: Hebrew U. (Humanities); senior programme asst., Palestine Broadcasting Service, Hebrew Section, 1945; organized news-service in underground "Kol Hamagen Haivri"; mbr, Israel delegation to 10th U.N. Assembly, 1955; Dep. Dir. Broadcasting Serv., 56-60; Dir., 60-67.

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GLANVILLE, Brian; writer; journalist, sports column. & football corr., "Sunday Times", London, 58-; b. 24.9.1931, London; ed.: Newlands Sch., 41-44; Charterhouse, 45-49; m. Pamela De Boer (née Manasse); 2 s.; 2 d.; novels: Along The Arno, The Bankrupts, Diamond, The Rise of Gerry Logan, A Roman Marriage, The Olympian, The Financiers, The Comic, A Cry of Crickets, etc.; short stories: A Bad Streak, The Director's Wife, The King of Hackney Marshes, The Thing He Loves.

Sunday Times, London W.C.1, England.

GLANZ, Josef; Assoc. Prof. of Educ., 69-; Dir., School of Educ., Bar-Ilan U., 70-; b. Vienna, 1921; to Israel, 1950; ed.: Teachers Smnry (Teacher's Degree); Rabbinical Ordination in Bucharest; Institut de Psychologie, U. of Paris, Diploma in Psychol. Pathology; U. of Bucharest, Ph.D. (Magna Cum Laude), 47; m. Sima Ben-Baruch; d.: Bracha, Shira & Ronia; s. Ofer-Tzwy; p. teacher & instr. in philosophy & psych., Yavne I. & various scndry sch. in Bucharest; p. teacher in psych. & ed., Teachers Smnries, Talpiot & Givat Washington; ed. missions in Paris, f. cultural programmes within Jew. Communities in France & other Europ. countries, 62-65; Snr Lctr, Ed. Psych. Fcty, Bar-Ilan, 65-69; p. mbr: C'tee f. Planning the Syllabus f. Psych. & Ed. in Theachers smnries; Public C'tee to help the Retarded; C'tee f. Inspection of Inst. f. the Retarded; Edit. Brd, "Hachinuch"; books: The Foundation of Genetic Psychology, 61, 69; Psychological Testing, 66; articles in "Hachinuch", "Hed Hachinuch" & "Hamoré" (Paris), i.e.: The Individual Psychology, 58; The Radio and the Education, 61; The Experimental Psychology, 61; articles in Encycl.: Childhood (Heb. Encycl.); The Stages in the Development of the Child; Educational Psychology (Educ. Encycl.); research: Piaget's Theory of Intelectual Development in Children, 59; Sociometric Research in Homogeneous & Heterogeneous Grouping in Elem. Schools, 67; Definition Ability among Adolescents in Israel, 70; Formal Thinking Processes among Adolescents in Israel, in print; Mem Test, Formal Thinking Test, 69; recip. Zelevinsky Prize f. distinction in Jew. Ed., Bucharest, 47.

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GLANZ, Rudolf; res. historian; Dr. Jur.; mbr: brd of dirs, Yivo Inst. f. Jew. res.; Labor Zion. Alliance; b. 21.12.1892, Vienna; ed.: Talmud Torah, Beth Hamidrash of Jew. Community, Vienna; Vienna U. (Dr. Jur. Utriusque); m.: 1) Rose (dec.); 2) Charlotte; mbr, Brd Jew. Community of Vienna, 24-34; archivist: WJC, Labor Zion. Archives; Staff Trecentenary C'tee; res. work: European hist., Am. hist., immigration communities in Middle & Far West, bibliography, soc. hist. of the Jews in Am.; publ. books on Germans & Jews in Am. & Germany; hon. mbr, Intl Mark Twain Scty.

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GLANZ, William; Econ.; Dir. Carmen Eastern, Ltd.; b. 19.6.12 in Czernovitz; educ.: High Sch.; Econ.; to Israel, 1950; m. Sperantza Glantz; d. Miriam (Nakdimon); p. Dir. Gnl. of "Carmen" Ltd. Export Div. of "Carmen", "Naviterra" (-50); in pres. posit. s. 50.

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GLAZER, Israel, Dr.; BA; M.D.; Head, Allergy Clinic, Tel Hashomer Hosp.; specialist in allergology & intern. med.; b. 27.3.1919, in Russia; to Isr. 1925; grad., 'Herzlia", 37; studied Biology, Hebrew U. & U. of Geneve; grad., Am U. Beiruth, B.A. (w. distinction), 43; D. of Med. & Surgery (w. dist.) 47; internship: Jew Hosp, Brooklyn, USA; Resident in Med: Mount Sinai Hosp., NYC; Fellowship in allergy: Jew Hosp, Brooklyn; conslt allergist, Assaf Harofe Hosp.; Chief Med. Advisor, El Al airlines; m.: Eliakima Kahaner; 2 s.; Gil, Ori; aff. fllw, Am Acad of Allergy; Pres., Isr. Socty of Allergology mbr: Isr Socty of Internal Medicine; exec. c'tee, Intl Assn of Allergology; council, Collegium International Allergologicum; contrib. edit., Intl Archives of Allergology & Applied Immunology; br mbr, League f. Asmatic Patients, Arad; Fllw Aerospace Med. Assn; mbr, Airline Med Dirs Assn; scry & treasurer, Isr Socty of Aero space Medicine.
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GLUCK, Jacob; D.Sc.: Snr Lctr, 62-; b. Timisoara, Rumania, 21.9.1935; to Israel, 1961; ed.: Technion Haifa — B.Sc., 62; M.Sc., 64; D.Sc., 67; m. Aliza Heller, 1964; d.: Chava, Ruth; Structure Designer, 59-61; Res. Fllw, Stuttgart U., 69-70; over 25 papers in struct. mechs. in intl technical journals; award: Alexander von Humboldt "Dozenten Prize", 69.
Faculty of Civ. Eng., Technion, Haifa.

GLUCK, Paul; Snr Lctr, Physics Dpt., Bar-Ilan U., 68-; b. 29.1.1942, Hungary; to Israel, 1968; ed.: in Hungary, -57; U. of London, 60-66 — B.Sc., Ph.D.; m.: Nechama Orenstein; 2 d.; 1. s.; lctr: U. of London, 65-67; U. of Birmingham, 67-68; snr lctr, Holon Inst. of Technol., 69-70; over 30 articles in intl sci. periodicals; award., Res. Fllwship (in exchange between Brit. Royal Scty & Isr. Acad. of Sci.), 72-73.
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GOELMAN, Elazar; pres.: Gratz Coll., 70- (Dean, 59-70); Assn of Heb. Colls. in USA, 70-; b. 15.12.1913, Jedwabno, Poland; ed.: Yeshivat Rabbi Yaacov Yoseph, Tchrs Smnry, N.Y.; W. Reserve U., Cleveland, B.A.; Dropsie Coll., Phila., Ph.D.; m.: Rose Belkin; 2 s.: Don, Hillel; d.: Elana Ehrlich; exec. dir.: Bureau of J. Ed., Buffalo, N.Y., 49-59; Har Zion Sch., Phila.; Intercoll. Zion. Fed. of Am.; p. lctr, U. of Buffalo; p. dir. tchrs summer smnry, East USA; p. pres.: Natl Cl. f. J. Ed.; Assn of JA Execs., Phila.; Dropsie U. Alumni Assn, 65-70; mbr edit. brds: Jewish Education Magazine & "Sheviley Hahinuch"; recip.: B'nai B'rith vocat. serv. Samuel Netzky Memorial Award, 66; Jewish Library Assn Award, 70; Zalman Shazar Educators Award, 71.
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58, Havatzelet Hasharon. Herzliyah.

GOETZ, Shlomo; ret. judge; dir. & shareholder, James Pels Ltd., Tel-Aviv; Pres., B'nai B'rith Lodge & Chmn, Moadon B.B. Ltd.; b. 18.9.1910, Mannheim, Germany; to Israel, 1936; ed.: Heidelberg & Berlin U-ies (Law); m.: Miriam Pels; 3 s.: Arod, Eri, Dan; p. Distr. Court Judge, Germany; p. expert f. anti-malarial work.
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GOETZLINGER, Kurt; Dr. jur., ret.; gen. counsel, Israel Discount Bank Ltd.; b. Lipnik, Czechoslovakia, 22.5.1904; wid.; ed.: Commercial Coll., Vienna; Masaryk U., Brno; advocate, Tel-Aviv, 43.
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GOFER, Abraham; ceramist; b. Poland, 1927; to Israel (via Teheran), 1943; m. Paula Brysz, 1953; d. Anath; s. Joseph; s. Asaf; murals on ceramics; exhibitions: "Kelim Naim", "Dira Naa", "Keramika Israel 70"; 22 Gallery, Safed; permanent exhibition, "Bat Sheva" store, Tel-Aviv; mbr, Ceramists Assn, Israel.
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Bar-Ilan University, Ramat-Gan.

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Chmbr of Commerce, 53; cert. of merit & cit. Toledo Brd of Commty Relat., 61, 67; Silver Aniv. Award, U.J.F., 63; Israel P.M.'s Medal, 69; cit. of the Century, B'nai B'rith, 72.

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GOLDFINGER, Joseph; leading diamond dealer & manufacturer; owner, dir., Syndiam Ramat Gan, Roughdiam Inc. NY, & Goldfinger & Fluk Ltd., Tel Aviv; b. in Sandomierz, Poland; att. relig. colleges, Lithuania; Yeshi vat Harav Amiel, Tel Aviv & Tel Aviv Law School; m.: Tzipora Sherman; ch.: Tova (Schonkopf), Avrami, Nina; joined the diamond trade 25 years ago, founded (w. late Zerach Fluk) the a/m firm, engaging in all types of diamond polishing, cited "Recognized Exporter" by Govt. yearly eversince; mbr, Brd. of Dirs, Isr. Diam. Manufacturers' Assn, 1950-; off. deleg. of the Isr. Diamond Industry to the Syndicate & on off. mission to USSR, 1962; elected Dir., N.Y. Subsidiary of BLL; concomitantly, active in the Rough business, first recognized by the Syndicate as local Rough dealer, with Substantive monthly allocation (Syndiam — largest dealer in Israel and third largest in the Syndicate's world list).

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Lyrik von der franzoesischen Revolution bir zur Reichsgründung, Munich 70; Eroberung oder Befreiung ? Deutche Jakobiner und die Franzosenherrschaft im Rheinland 1792/99, Trier 70; about 30 articles, essays, reviews on various hist. topics & on the Israeli-Arab conflict — in Isr., German, French & Belgian journals.

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standing Exodus, Pt. I, 69; recip.: Guggenheim Fllw, 61; Harbison Award, Danforth Fndn, 67.
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GROSBERG, Percy; Res. Prof. of Textile Eng., U. of Leeds; Chmn: Leeds Friends of Bar-Ilan U.; Exam. Brd & exam. and assesor f. Textile Inst.; b. 5.4.1925, Cape Town, S.A.; ed.: Parktown Boy's HS, Johannesburg; U. of Witwatersrand; U. of Leeds; Ph.D., Ch.Eng., M.I.Mech. Eng., F.T.I.; m. Queenie Fisch; 2 s.: Alan Jonahtan, David; d. Gillian Anne; Snr Res. Off., S.A. Wool Textile Res. Inst., 51-55; p. mbr: Brd of Gvnrs, Brodetsky Jew. Day Sch., Leeds; Acad. Advis. Brd, Bar-Ilan U.; U.N. Ind. Devel. Org. Advis. on Textile Problems in Isr., 69; p. Advis., Fiber Inst., Jer.; Brit. Standards Inst. panel on drape; Metrication Sub-C'tee of Textile Inst.; advis.: on textile, f. Cl. f. Natl Acad. Awards; Shenkar Coll. of Fashion & Textile Technol., Ramat-Gan; assess. f. Natl Res. & Devel. Corp.; mbr of Cl. & var. c'tees of Textile Inst.; ed. in gen. & support of University ed. in Isr.; partic. interest in textile ed. & textile res. in Isr.; auth.: "An Introduction to Textile Mechanisms"; "Structural Mechanics of Fibers, Yarns & Fabrics"; part-auth. of other books; contrib. to sci. & techn. lit.; recip.: Warner Memorial Medal (of Textile Inst.), 68-; Textile Inst. Medal, 72.

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GROSS, Joseph H.; LL.B.; LL.M.; Ph.D., (London); advocate; Legal adviser to the Discount Bank Investment Co.; Prof. of Commercial Law, Tel Aviv U.; b. Feb. 2, 1934, Tel-Aviv; m. Zvia Armon; 2 s.: Raz, Eyal; 1 d., Vardit; educ.: Tel Aviv Univ., London School of Economics & Political Science; awarded, Leverhulm Overseas Postgraduate Scholarship, London (61-62); since 1962, edit. secrt. of "Hapraklit" (Isr. Bar Law Quarterly), editor, var. legal publicaticns in Israel and U.K.; publ.: articles on legal and economic topics, "Company Law-Statutes & Cases. "Company Promoters", "Forms & Precedents", "Privileged Holding Companies", etc., mbr. various c'tees, Israel Bar; do, several brds of Dirs.: Elco Ltd.; Mehadrin Ltd.; Pri-Or Ltd.; Pilot Radio (Israel) Ltd.; Oranim Ltd.; Pira Ltd.; etc.

2, Hevra Hadasha St., Tel Aviv. Tel. 250472.

GROSS, Michael; painter and sculptor; b. Tiberias, Apr. 11, 1921; educ.: Teachers' Seminar, Jerusalem; Ecole des Beaux Arts, Paris; exhibs: France, USA, Netherlands, Yugoslavia, Israel; paintings at Museum of Modern Art, New Y., & Haifa, Tel Aviv, Jerusalem; Prizes: Deanwille (53), Ramat Gan (56), Struck Haifa (64), Dizengoff (67); art teaching at Inst. of Art, Kibbutz Seminary "Oranim"; m. Victoria, teacher; Mbr., C'tee, Art Village Eyn Hod.

20 Rashi St., Haifa; tel. 663822.

GROSS, Natan; film director; journalist; film critic, "'Al Hamishmar" daily; b. 16.11.1919, Cracow, Poland; to Israel, 1950; ed.: Heb. HS in Cracow; Law & Art (interrup., 39); Polish Film Inst. (film directing), Cracow, 45-46; m.: Shulamith Lifshitz; s.: Jaacov; d.: Alisa; in Ghetto Cracow, during 2nd Wld War; p. active in Zion. mov. in Poland; mbr, leading bodies of Gordonia - Maccabi Hatzair, 45-50; edit., "Slowo Mlodch" youth monthly, 46-49; film dir.: "Kinor" (Poland), 46-49; "Collone Films", 50-53; Geva Films, 53-60; active in Film & TV un. of Histadruth; mbr, secret. of Film Un. in Isr., 52-70; p. mbr, Public Cl. f. Art & Educ.; mbr, leading bodies of Cracow Jewry in Isr.; wrote & directed over 100 documentary films & 3 long features: "Mir Lebengeblibene" & "Unzere Kinder" (Poland), "The Cellar" (Isr.), 63; publ.: 3 vols of lyrics in Polish — "Selection of New Hebrew Poetry", 47; "Songs of Israel", 48; "What remained us of those days...", 71; co-edit., "Anthology of Holocaust Poetry" (Yad Va'shem); recip. Ben-Dor Prize of "'Davar" (f. the best reportage), 60.

14 Herzog St., Givataiym 53586; tel. 746439.

GROSS, Shlomo Jacob; p. Mbr of Knesseth (Agudat Israel); b. Hungary, Dec. 16, 1908; m. Henie Einhorn; 2 s.; 1 d.; educ.: Yeshiva and secondary school; Journalist in Yiddish and Hebrew; to Israel, 1950; Sec., Agudat Israel & mbr of its World Central Committee; contributor to "Hamodia" (daily).

9 Admor Mebelz St., Bnei Braq.

GROSS, Shlomo L.; F.E.A.A., C.P.A. Cert. Acountant; Ass Off., Income Tax, T.A.; b. in Poland, 1914; educ.: Yeshiva of Rabbi Dov-Berish Weidenfeld z.l., & Institute of Econ. & Commerce Sci.; to Israel, 1933; m. Shoshana Strzelisker; ch.: Nitza, Dov; p. Pekid Shuma for Big. Enterpr., Income & Property Taxes; Hon. Treas., B'nai Brith Order Israel; Pres., Shimon Rokach Lodge; Grand Treas., Free Masons; Pres., Lishkat Rambam, T.A.; Hon. Municip. Crt., T.A.; Publ.: Theories of Nat'l Econ. (41); various articles on economic & fiscal topics.

12, Dafne St., Tel Aviv. Tel. 255566.

GROSSMAN, Allan; (The Hon.) Min. of Revenue, Govt. of Ontario; Canadian Life Underwriter; Dr. of Criminology (Hon.); mbr, Brd of Dirs: JNF Ontario Reg.; New Mt. Sinai Hosp.; Jew. Publ. Library, Toronto; Jew. Home f. Aged; Can. Fndn f. Jew. Cult.; b. 25.12.1910, Toronto, Ont.; ed.: U. of Ottawa (Dr. Crim., hon.); married; 3 ch.: Lawrence Sheldon, Denise Irene Davis, Susan Joy; mbr, Ontario Legisl. Assbly, 55; Min. without Portfolio, 60-63; Min. of Correct. Serv., 63-71; Min. of Trade & Devel., 71-72; Min. of Revenue, respons. f. Ont. Housing Corp. & Vice-Chmn of Mngmt Brd of Cabinet, 72-; Hon. Pres., Jew. Immigr. Aid Serv. of Canada; mbr, Natl Cl., Can. Jew. Congr.; Exec. ZOC; UN Assn in Can.; The Canadian Club; Bet Tzedek Syn.; Hon. Dir.: Jew. Vocational Serv. of Toronto, Baycrest Centre f. Geriatric Care, U. Settlement Recreat. Centre; specially honoured by many Ethnic Assns.

Parliament Bldgs., Toronto, Ont., Canada.

GROSSMAN, David; Snr Lctr, Dpt. of Geography, Bar-Ilan U.; b. 13.2.1934, Turin, Italy; to Israel, 1939; ed.: Lipschitz Teach. Smnry, Jer.; H.U. Jer., 57-59 & Columbia U., 60-68 — B.S., M.A., Ph.D.; m.: Marcia Bialick; 2 s.: Benjamin, Ephraim; 1 d.: Hannah; p. w. East. Michigan U.; Hunter Coll. of City U. of N.Y.; mbr:

Am. Geogr. Scty; Assn of Am. Geographers; Isr. Geogr. Assn; Isr. Ecolog. Assn; Local Cl. of Kiryat Ono, C'tee on Absorption; many publ. & sci. papers; recip., Burgess Hon. Fllwship & Travell. Fllwship, Columbia U., 65-66.
101 Tzahal St., Kiron; tel. 757763.

GROSU, Mitu; Ph.D.; teacher (Latin & French); b. Botosani, Rumania, 4.1.1918; to Israel, 1963; ed.: Bucharest U. (Lettres), 36-40; Montpellier U., Ph.D., 71; m. Juliette Médioni, prof. of music; mbr, Isr. Assn of grad. in soc. sci. & hum.; w. Bucharest U. (Fcty of Lett.), Assist., 47-49, & Lctr, 50-60; teach. scnd sch., Afouleh; French Center, Jer., 63-64; H.U., 65-68; publ.: La pluralité linguistique littéraire de la société israélienne; Hebreu ou Yidish ou Hebreu et Yidish; La place de l'hebreu dans la famille des langues sémitiques; Neculce, chroniqueur roumain du 18-e siècle; Gaster et Eminescu, quelques observations sur les juifs dans la chronique de Neculce; Notes de Philologie; Essais Philologiques; etc.
4, Hirshenberg St., Jerusalem.

GROVE-POLLAK, Fay; mbr, "Wizo" World Exec. 1946-; Chmn, World "Wizo" Dep of Org. & Education; b. Switzerland; m.: educ.: University of Geneva; at 18, founded first Zionist women's group in Switzerland which became affiliated to "Wizo"; joined Head Off., London, 30; organized World "Wizo" conferences and Council meetings in Europe, 40-45; edited and publ. its official organs, "The Pioneers and Helpers", "The Wizo Reader's Digest", "The Wizo Review"; transfer with Head Office from London to Tel-Aviv, 48; initiated Wld Wizo Bible Day, as intl yearly even, 64-; created Wizo Aviv young married women's movt; Hon. Life Mbr, Wld Wizo Exec.
38 Shderot David Hamelech, "Wizo" House, Tel-Aviv.

GRUBER, Ruth; writer, lctr, frgn correspondent; columnist, reporter at large, Hadassah Magazine; assoc. chmn, UJA of Gt, N.Y., women's div.; b. New York; ed.: New York U., B.A.; U. of Wisconsin, M.A.; U. of Cologne, Ph.D.; m.: Philip H. Michaels (dec.); ch.: Celia, David; p. corr.: N.Y. Herald Tribune, N.Y. Post; p. spec. assist. to Secr. of Interior & Field Rep. f. Alaska; p. lctr, Hunter Coll. Grad. Sch.; mbr: Overseas Press Club, Arctic Inst. of North Amerirca; publ.: Virginia Woolf: A Study, I Went to the Soviet Arctic, Destination Palestine: The Story of the Haganah Ship Exodus 1947, Isral Without Tears, Puerto Rico: Island of Promise, Science and the New Nations, Israel Today: Land of Many Nations, Israel on the Seventh Day, Felisa Rincon de Gautier: The Mayor of San Juan; recip.: La Frentz fllshp, U. of Wisconsin; Inst. of Intl Ed. fllshp, Cologne; Ford Fndn Travel & Study Award; Yardley Fndn fllshp.
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GRUBER, Tuvia; B.Sc. (Engineering); Gen. Mng. & Dir., STG International Ltd.; b. Germany, 7.9.1937; to Israel, 1938; ed.: U. of California; m. Vilmie Van Stijgeren; 2 ch.; pres., Theta Medical Technology Ltd., a local sci. based indus.; p. mng. systems div., Non-Linear Systems, 64; project eng., Isr. Aircraft Industries, 65.
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GRUNEBAUM, Erich O.; investmt banker; pres. & chmn, of Brd, Cngn Habonim; mbr: ZOA; Am. C'tee f. Weizmann Inst. of Sci.; Am. Friends of H.U. Coll. — Jew. Inst. of Relig.; Exec. C'tee of N.Y. Fed. of Reform Syngs; United Help; United Hias Serv.; b. 26.3.1902, Essen, Germany; ed.: U. of Munich, 23; Sch. of Econ. & Polit. Sci., New York U., 25-27; m.: Gabriele Hildegard Newman; ch.: Ernest Michael, Eva Irene Koppe, David Francis; Dir. & Chmn of Brd: N.Y. Hanseatic Corp., Nyhaco Credit Corp.; Dir. of invest. companies in Peru & Equador.
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GRUENBAUM, Heinz; Dr. of economics; Chairman, Cifico Leumi Bank, Zürich; b. Brandenburg, Oct. 16, 1904; m. Renate Benscher; 1 s.; educ.: Berlin U; mbr, "Institut fuer Konjunktur Forschung", Berlin, until 1933; to Israel, 1934; Managing Dir, Electric Wire Co. Palestine, Ltd., 38-48; Dir. Gen., Ministry of Commerce and Industry; Dir., Investment Centre, 1948-51; Vice-Pres, Palestine Economic Corp., 51-55; European Representative of Bank Leumi le-Israel B.M., 55-60; Gen. Mng., Anglo-Israel Bank Ltd., London, 60-63; Gen. Mng., Bank Leumi Le-Israel B.M., Tel-Aviv, 63-71; missions to Europe, 1948-52; Author of "Crisis in the International Textile Industry"; "Umsatz-Schwankungen als Problem der Betriebs-Politik".
Cifico Leumi Bank, 34, Claridenstrasse, 8022, Zürich; tel. 366722.

GRUENGARD, Jehuda Isak; Ph.D.; mbr, Israel Assoc. of Actuaries & Swiss Ass'n. of Actuaries; Managing Dir. of Migdal-Binyan Insurance Co.; b. in Lithuania, June 6, 1912; m. Miriam Szlejfstein; 2 s.; educ.: Berlin and Berne U.; articles on insurance problems.
24 Sirkin St., Tel-Aviv; tel. 283482.

GRUNDMAN, Eliezer; Natl Pres., Junior Chamber of Israel; Owner, Mng., Agron Ltd.; Albam Industries Ltd.; "Lahit", Marketing Corp. "Ltd.; b. Poland, 24.4.1933; m. Ruth Zolti; ch.: Osnath, Ronen, Alon; started working at early age, att. evening schools; joined IDF, promoted officer (captain, res.); particip. Sinai campaign, Six Days War; employed, sales-manager, -57; founded own business, 57-, pioneering in slate slotted angles and metal shelving, in light furniture for home, built of steel or wooden supports, etc.; lately founded the "Lahit" Marketing Corp., f. the production of gas lighters w.

replacable containers based on intl know-how, designate Israeli candidate f. World Vice-Pres. of J.C.I.; mbr: T.A. Chmb. of Comm., Isr-Am Chmb. of Comm. & Industry; p. head Isr. delegation to intl conventions in Canada, Argentine, etc.; hon. "Man of the Year" 1967, by J.C.I.
Ramat Hen, 38 Matzada St.; Tel. 748726; Office: Tel. 612945, 612821.

GRUNSTEIN, Stefan; M.D.; Head, Gynecological & Obstetrical Dpt., Dr. Hilel Jaffe Memorial Hosp., Hedera, 68-; b. Kosice, CSR, 5.1.1925; to Israel, 1952; ed.: Basel U. Med. Sch.; s. & d.; 17 publications on obstetric. & gynecologyc. topics.
9, Rav Kook St., Nathania; Tel. 24255.

GRUNWALD, Tibor; physician; p. intern. Rothschild Hosp., Paris; active f. Israel, contrib. to various Zion. orgs.; b. 3.3.1911, Rieny, Transilvania; in France, 28-; ed.: Oradea, Rumania, matric. 28; Fcty of Med., Paris, M.D., 36; Dipl. Med du Travail, Paris, 50; m.: Huguette Beaupere; 5 ch.: private practice 37-; w. French Army in 2nd wld war; p. captive in Germany; Med. Captain hon. (res.); recip.: Croix de Guerre, 39-45; Hon. Medal, Milit. Health Service.
33 Rue de la Baliniére, Rezé-les-Nantes, France; in Israel: Achad-Haam St., Tiberias.

GRUPEL, Zalman; accountant, C.P.A.; senior partner, Kesselman & Kesselman; pres., Inst. of Certified Public Accountants in Israel; lctr, Bar-Ilan U.; chmn, finance c'tee ZOA; b. June 1918, Lithuania; to Israel, 1933; ed.: C.P.A. Isr.; complement. studies, Tel Aviv U.; m.: Bella Cohen; d.: Daphna; s.: Ron; mbr: Pres. of United Appeal; Comm. & Indust. Club; Isr. Management Center; Chmbr of Comm.: Israel-Britania; Israel-America; League of Friendship Israel-Japan; etc.
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GUERON (Grynbaum), Meir; Mng. Dir. & mbr, Netivei Nepht Ltd.; b. 7.8.1913, Lodz, Poland; to Israel, 1933; m. Shoshana Sternberg; 2 d.; p. Solel Boneh Ltd., 35-58; abroad on numerous missions on behalf of Haganah; Mng Dir. & Brd. Mbr, Koor Industries Ltd.; Mng. Dir., Haifa Refineries Ltd., 59-66; Mng. Dir., ZIM, 66-69.
45, Gilboa St., Haifa; tel. 235503.

GUGGENHEIM, Karl Yechiel; M.D.; physician; Prof. of Nutrition, Hebrew U; b. Frankfurt/Main. Jan. 12, 1906; m. Irene Muehlfelder; 1d.; 2 s.; educ.: Frankfurt, Munich and Leipzig U.; Asst., Institute of Hygiene, Frankfurt U, 1930-31; junior Asst., Hebrew U., 1941; depart. Asst., 1944; instructor, 1948; lecturer, 1952; Assoc. Prof., 1955; Prof., 1965-; Judah L. Magnes Fellow, Harvard School of Public Health Boston, 1951-52; adviser on nutrition, Min. of Health, 54-65; Hon. Mbr, Am. Inst. of Nutrit.; res. work in biochemistry and physiology of nutrition, publ. health nutrit. & food res.
41 Gaza Rd., Jerusalem.

GUGGENHEIM, Willy; journalist, author; secr. gen., Schweizerischer Israelitischer Gemeindebund (Un. of Swiss J. Communities); chmn, Vereinigung für religios-liberales Judentum, Zurich; b. 28.12.1929, Zurich; ed. sociol. & history, U. of Paris, Jer. & Zurich, 48-53; Ph.D., Zurich U., 53; m.: Raymonde Niddam; 2 s.: Abraham, Schlomo; mbr, Exec. of Swiss Jew. Students & European Exec. of WUJS, 49-51; Press Liaison Officer, J.A., Jer., 56-61; represent. of J.A. in Tunisia, 61-64; frgn corr. of Swiss newspapers: Israel, 54-61; Tunisia, 61-64; frgn editor, "Die Weltwoche", 64-69; publ. books: "Jrusalem", 68; "Meine Sterne — deine Sterne", 70; "30mal Israel", 73.
33 Salomon Voegelinstr., Zurich 8038, Switz.

GUILDEN, Ira; banker, Pres., Am. Friends of Boys Town of Jer., Inc.; Develop. Corp. f. Isr.; Pres. & Dir.; Baldwin Securities Corp.; Dir. & Chmn, Exec. C'tee, Natl Bank of N. Am.; Dir.: North River Securities Co., Inc.; John B. Stetson Comp.; Atlas Corp.; Dir. & Mbr of Exec. C'tee, First Intl Bank of Isr.; found. & Dir., Am. Friends of H.U.; found., A. Einstein Coll. of Med.; trustee: Bulova Fund Inc., Brookdale Med. Center.
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GULKO, Harris David; Org. Executive; Exec. Vice Pres., JNF of Canada, 63-; b. Toronto, 30.10.27; educ.: sr matric in Toronto; m.: Blanche Ruth Stoll, 12.6.1949; ch.: Rosalind, Evelyn, Miriam, Judith, Sharon; activ in Zionist Youth movement, esp. Young Judaea, 43-49; club leader, Supervisor of Toronto & Exec. Dir. of Northern Ontario Young Judaea; org. and 1st leader of Y.J. camps; p. Secr, Toronto JNF Council (43-45); Campaign Secr UJA, Toronto (52-53); Exec. Dir. JNF, Ontario, 53-63; p. mbr Brd of Dir., Associated H. Sch. in Toronto; p. Pres of the Ajalon Lodge in Toronto; p. Natl Vice-Pres, Zionist Men's Assn of Canada & organizer of 1st chartered tour to Israel from Canada; many visits to Israel, often as tour leader of JNF delegations.
8251 Guelph Rd., Cote St. Luc 268, P.Q. Canada & 1247, Guy St., Montreal 107, Canada.

GUMPLER, Isac Bjorn (Itzhak Leib); civ. eng.; chmn, Keren Hayessod-UIA, Helsinki; business mng.; b. in Turku, Finland, 24.7. 1897; educ.: Qualified Electr. Eng.; m.: Itele Kjisik, 3.7.1928; connected with WIZO work in Israel.
11 b, Rauhankatu, Helsinki.

GURARY, Moshe; Head, Bureau of Supervision & Follow-up, Comptroller's Office, Federation of Labor; Chmn, Friendship Assn Israel-Brazil; p. Chief. Department A, State Comptroller's Office; Chairman, Committee for Yiddish Broadcasts; b. Grodno (Poland), April 15, 1904; m. Hanna Goldrei; 1 d.; to Israel, 1925; joined J.A., 33; mission to Latin America on behalf of Keren

Hayessod, 47; dir., K.H. Office f. Latin America, New York, 40-50; returned to Israel, 50; Controller General, El-Al Airlines Ltd.; articles and short stories in "Davar" (daily).
19 Hareqhesh St., Afeka, Tel-Aviv; tel. 410970.

GUREN, Sheldon B.; member, Exec. Committee and Natl Campaign Cabinet of the United Jewish Appeal; served as a member of the UJA Young Leadership Cabinet; served as Co-Chairman of Trades and Profession for the Jewish Welfare Fund Appeal; member of: Appeal's Campaign Cabinet Exec. Committee; Boards of Trustees of the Jewish Community Federation of Cleveland, Mt. Sinai Hospital, the Bureau of Jewish Education and The Temple in Cleveland; grad. from Harvard Law School; member of the Cleveland law firm of Gottfried, Ginsberg, Guren and Merritt.
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GURFEIN-UCHMANY, Rivka; writer, teacher; b. in Sanuk, Poland; grad.: Agricultural Aziel Uchmany, writer, poet, assoc. chief-edit. of "Sifriat Poalim", Publishing House; ch.: Rachel (Leder), Daniel Hilel; to Israel, 1932 member, kibbutz Hashomer Hatzair ever since; work in agric., then as educator of Youth groups from Germany, Bulgaria, Roumania, Israel; w. IDF, educ. off., 48; 1st dipl. repres. of Israel in Poland, as wife of Charge d'Affairs, 48-52; publ. many books, poetry, stories, articles in period. press; Award, Ussishkin Prize f. her novel "Stars Over the Garden"; Yoseph Aronovitz Prize f. her overall literary activity.
Kibbutz En Shemer.

GUTMAN, Menachem; Snr Lctr, Biochem., Tel-Aviv U.; b. 13.11.1936, Israel; ed.: Tel-Aviv U., M.Sc. (Microbiol.), 62; H.U. Jer. (Biochem.), Ph.D., 68; m.: Ruth Dim; d.: Gili; s.: Giora; p. Assist. Prof., U. of Calif., San Francisco; mbr, Isr. Biochem. Scty; visit lctr, 9th Intl Congr. of Biochem., Stockholm, 73; field of res.: bioenergetics, metabolic regulation.
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GUTMAN, Nahum; painter and author; F.I.A.L. (Life Fellow); b. Bessarabia, Oct. 15, 1898; m.; 1 s.; educ.: Bezalel School; art academies in Austria, Germany, France; to Israel, 1905; exhibited at Metropolitan Museum, Heller Gallery, New York, London, Paris, etc.; illustrated Hebrew classics and school textbooks; awarded Gold Medal, Intl Art Exhibition, Paris; prize at Biennale, Sao Paulo; hon. Hans Andersen prize, by UNESCO, 1962; publ.: several books on life in early Tel Aviv, mainly f. children & with his own drawings; also "Hayot Hanegev" (49), "Ka'eyle Hayu", (61); etc.
136, Ahad Haam St., Tel Aviv.

GUTTERMAN, Menahem; D.Sc., (math); Gen. Mng., Contahal Ltd., 70-; b. Israel, 19.7.1939; ed.: Technion Haifa, Fcty of Math. — B.Sc., 61; M.Sc., 62; D.Sc., 66; m. Bella Zaiden, 1965; 2 d.: Yael, Tamar; Snr Lctr, Graduate School of Bus. Admin., Tel-Aviv University, 72-; Computer center, IDF, 62-68; Lctr, Faculty of Indus. & Managt. Engineering, in charge of the Technions' Computer Center, 68-70; mbr: Operations Research Scty of Isr. ORSIS; Inf. Processing Assn of Isr. — IPA.
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GUTTMAN, Louis; Prof. of Soc. & Psychol. Measurement, H.U. Jer.; Scientific Dir., Isr. Inst. of Applied Soc. Res., 47-; Prof.-at-large, Cornell University, 72-76; b. New York, 10.2.1916; to Israel, 1947; ed.: U. of Minnesota, Minneapolis — B.A., 36; M.A., 39; Ph.D., 42; m. Ruth Halpern, 1943; ch.: Adi, Nurit, Daphne; Instructor, to Assoc.-Prof. of Soc., Cornell U., 41-50; Expert Cnslt to Secr. of War, w. Research Branch, Information & Educ. Div., War Dpt., Washington D.C., 41-45; Post-Doct. Fllw, the Soc. Sci. Res. Cl., 47-49; Visit.-Prof., Harvard U., 54; Fllw, Center f. Advanced Study in Behav. Sci., Stanford U., 55-56; Distinguished Visit.-Prof., Michigan State U., 62-63; Visit. Prof. of Soc. & Psychol., U. of Michigan, 64-65; p.: Chmn & Brd Mbr, Children's Home of B'nei Brith; Comm. on Job Evaluation; Mbr, Public Comm. on Salaries; now: Psychometric Society; B'nai B'rith Lodge; Mbr: National Exec. Association of Americans & Canadians in Isr.; Am. Soc. Assn, Am. Psychol. Assn, Am. Statistical Assn, Inst. Math. Statistics, Am. Assn f. Advancement of Sci., Sigma Xi, Phi Beta Kappa; WAPOR, Inst. Differing Civilizations; Isr. Psychol. Assn, Isr. Soc. Assn, Isr. Assn f. Res. on Labor Relations; over 100 publ. in sci. periodicals, books (oneself & jointly with others), including: The Prediction of Personal Adjustment, 41; Measurement & Prediction, 50; "The Principal Components of Scalable Attitudes", "A New Approach to Factor Analysis: The Radex", 54; "The Nonmetric Breakthrough for the Behavioral Sciences", "Order Analysis of Correlation Matrices", 66; "A Psychological Design for a Theory of Mental Abilities", 67; "A Two-dimensional Space for Classifying Legal Offences", 70; "The Cornell Techn. for Scale & Intensity Analysis", "A basis for scalling qualitative data", Visits to Doctors, 70; recip. Rothschild Prize f. Social Research, 1963.
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GUTTMAN, Nahum (Nathan); B.S., M.A.; Editor & Dir. of Public Relations, Natl C'tee f. Labor Israel, 40-; b. Guttenberg, N.J. USA, 29.7.1913; ed.: U. of Minnesota; New School f. Soc. Research, N.Y.; Talmud Torah of Minneapolis; m. Miriam Heller, 1936; s. Joshua Israel; d. Naomi Shulamit; mbr: C.C., Poale Zion; Farband Labor Zionist Order; Am. Habonim Assn; Commander, Enzo Sereni Post, Jewish War Veterans; p. Natl Secr.: Hechalutz Org. of America, Habonim Labor Zionist Youth; Lctr on Israel; producer of documentary films; transl. of Yiddish & He-

brew books & articles into English; contributor, Universal Jewish Encyclopaedia; editor, Histadruth Foto News, 48-; award: Bronze Star, US Army; serv. overseas (Europe) during World War 2.

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GUY, Yehuda J.; Assist. Dir., special duties, Minister of Transports; b. Austria, June 10, 1921; m. Thalia Feldman; 2 d.: Dorith, Lydia; educ.: Mech. Engineering, Vienna; with British Army, R.E., as Captain (42-46); Assist. Command. Israel Police H.Q., Head of Traffic & Patrol Dpt., (48-64); Dir. Road Transport, Min. of Transport (64-67); Head, Road Safety Authority, 1967-1970; Publ.: on Traffic Hanagement Accident Prevention, etc.; Hon. Citizen. State of Texas.

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GUZIK, Leo; lawyer; b. 13.7.1904, New York; ed.: N.Y.U., 23-26; LL.B. Fordham U., 26; m.: Pearl Robbins; ch.: Michael J., Tamara J.; admitted to N.Y. bar, 28, since practiced in N.Y.C.; partner firm Guzik & Boukstein, 51-; U.S. legal counsel Israeli corporations and orgs; mbr, natl exec. com., 44-46; mbr, admin. com. ZOA, 36-44; brd. dirs., J.N.F. Am., 41-46; Palestine Found. Fund, 42-46; mbr, brd. govs., HU Jer.; dir. & p. vice-pres., Am. Friends HU Jer.; treas., Intl Assn. Jewish Lawyers and Jurists; mbr exec. com. & treas., Jewish Book Council N.Y.; trustee since 1958 Jewish Publ. Soc. Am. and p. Vice-Pres., Mem. Assn. Bar N.Y.C. (labor law com., 48-51, arbitration com., 44-47, round table conf. com. 35-42); hospitality com., 36-39; Jun. Bar activities, 35-37; N.Y. County Lawyers Assn. (legal edn. com, 42-48, labor law com., 60-69); Am. Bar. Assn. New York Law Inst.; Clubs: Bankers, Oriental ,N.Y.C.);

75 Central Park West, New York, N.Y. 10023, USA; office: 37 Wall St., N.Y. 10005.

GVATI, Chaim; farmer; Min. of Agric.; Min. of Devel.; p. Secr., Hatenua Hakibbutzit; Secretary, Ihud Hakvutzot Vehakibbutzim, 1959-62; b. Pinsk, Jan. 29, 1901; m. Luba Laskov; educ.: Pedagogical courses of "Tarbut", Vilna; mbr, Central C'tee, "Poalei Zion", Warsaw, 1924; to Israel, 1924; mission to Poland, 1937; delegate to 20th Zionist Congress; mbr, Secretariat, Hakibbutz Hameuhad, 42-45; p. Dir Gen., Ministry of Agriculture, 1951-1957.

Kvutzat Yifat, Afuleh. Tel. 065-66062.

H

HAAS, Hava; Dr. Med.; lectr in clinical microbiology, Hebrew U. Hadassah Med. School; b. in Bucharest, 1927 (d. of Rabbi Zwi Gutman of Buch.); m.: Dr. Nicu Haas, anthropologist; 1d: Nadia; grad. Dr. Med. Bucharest U., 1953; research flw, Instit. of Virology, Acad. of Sci. Bucharest, 51-54; junior assist., 51-54, assist. 54-59 (Dpt. of Med. Bacteriology, Bucharest U.); to Israel, 1960; mbr staff, Clinical Microb. Dpt., Hadassah Univ. Hosp., 1960-; lecturer, Hebrew U., 68-; publ. various papers in her field.
3, Shikun Bayit Vegan, Jerusalem; tel. 36005.

HAAS, Nicu; Dr. Med.; anthropologist; Assoc. Prof. of Anatomy, H.U. Jer., 72-; b. Craiova, Rumania, 1927; m.: Dr. Hava Gutman, clinical lctr in microbiology; 1 d.: Nadia; grad. Dr. Med., Bucharest U., 1952; staff mbr & lctr, Dpt of Human Biology, Bucharest U. Med School, 51-58; snr research & chief of div., Palaeoanthropology, Inst. of Anthrop., Rum. Acad. of Sci, Bucharest, 51-60; to Israel, 1960; Hebrew U. Instructor, 61; Lctr, 64; Snr Lctr, 66-; Tel Aviv U., snr lctr, 62; various papers in his field.
3, Shikun Bayit Vegan, Jerusalem; tel. 36005.

HAAS, Shimon-Dov (Erich); Dr.; M.D.; chief physician, Kupat Holim, Kiryat Ono & of K.O. branch, Anti-Cancer League; b. in Arad, Rum.; ed.: Cluj U., med. fcty; m.: Magda Ruder; ch.: (Mrs) Lea Yacobovici; (Mrs.) Mya Hecht; p. med. serv. in Safad, etc.; p. med. adv. of the Israeli Legation in Bucharest & other comm. med, assignments; extensive Zion. activity in Rumania, detained as such & imprisoned for 4 years; att. & ref. to intl medical convention in Venice, 1967; mbr of Brith Assirei Zion, Brith Rishonim, Zahav Club; lecturer in his field, mainly for immigrants, in Rumanian, Hungarian & Yidish.
19, Pinkas St., Kiryat Ono; tel. 750283.

HABER, Mendel; bus. exec., diamond importer; hon. pres., Herzliah Heb. Tchrs Inst. (acting pres. & pres., 60-70); vice-pres. & brd mbr, Jew. League f. Israel; mbr, Natl Brd of JDC; life-mbr, ZOA; active in Fed. of Jew. Phil., UJA, Israel Bonds; found. & trustee, Moryea Cngrn, N.Y.C.; b. 11.8.1887, Mielec, Poland; ed.: att. Yeshiva Radomysler Gaon; m.: Marjem Geldzahler; d.: Berthe Abry, Mignon de Lange; found. & p. pres., now chmn of brd, M. Haber Inc.; headed M. Haber in Antwerp, 1909-40; found. & vice-pres., La Centrale de Bienfaisance Juive d'Anvers, 20-40; treas., Communauté Israélite Antwerp, -40; pres. Gen. Zion. in Belgium & Agudath Zion Antwerp, 28-40; over 25 years active in Heb. ed.; recip.: JNF Award by the 7th Zion. Dist., 48; cit. from Fed. of Jew. Philantropies, 51; Weizmann Medal, Weizmann Inst. of Sci., 66; Heb. Cultural Award, Herzlia Heb. Tchrs Smnry, 67.
666 West End Ave, New York, N.Y. 10025, USA.

HABER, Samuel L.; Exec. Vice-Chairman, J.D.C., 67-; joined the J.D.C. staff in 1947 as dir. for Germany; directed a broad program of aid to some 200,000 Jewish DP's; was assigned to the J.D.C. European headquarters in Geneva in 1958 as Assist Dir. Gen. and remained there until 1964, when he was reassigned to J.D.C.'s New York headquarters; secr. & mbr, Exec. C'tee of UJA; Chairman of the 1971 Social

Service Division of the Greater New York UJA; was elected Vice-Pres. of the International Council on Jewish Social and Welfare Services; Vice-Chairman of the Am. Council of Voluntary Agencies for Foreign Service and is Chairman of its Membership and Finance Committee; traind as an economist, grad. from the U. of Wisconsin; during World War II, military government officer in Bavaria and Wurtemberg-Baden in Germany, holding the rank of Major; before joining the U.S. Army — chief statistician postwar planning with the Office of Foreign Relief and Rehabilitation.

J.D.C., 60 East 42 St., New York, N.Y. 10017, USA.

HABERMANN, Abraham Meir; librarian, author; b Poland, 7.1.1901; m. Bilha Habermann; 1 s.; 1 d.; educ.: Wuerzburg & Leipzig U.; to Israel, 1934; Schocken Library s. 1923 in Germany & Israel; lectr., Graduate Library School, 57-; Prof., Tel-Aviv U.; publ.: Piyutei R. Shimon bar Yizhak"; "Gezerot Ashkenaz"; "Toledoth ha-Pijut ve-ha-Shira"; "Megilot Midbar Yehuda"; "Hassefer Haivri Behitpatchuto", etc.; articles on the Dead Sea scrolls, bibliographies, essays on poetry.

15, Gaza Rd., Jerusalem.

HABIBI, Emil; p. M.K. (Rakach); journalist, mbr, Central C'tee, Communist Party; b. Haifa, 1922; m.; 2 d.; 1 s.

Rd. 710/16, Nazareth, Tel. 4146.

HACKENBROCH, Eli Lazar; Company Dir.; M.I. Ex.; Mng. Dir., 36-; b. Frankfurt/M., 12.12.1907; m. Elsbeth Elias, 1936; d.: Carmel, Ruth, Susan, Eve; s. David; Trustee & Governor, Menorah Prim. Sch., London; V.-Chmn, C'tee of Sabbat Observance Employment Bureau, London; Gvrnr, Shaare Zedek Hosp., Jer. & mbr of the British Cl. f. Shaare Zedek Hosp. Jer., Trustee, Wlf. C'tee of Golders Green Beth Hamidrash Cngrn, London.

48, Ravenscroft Avenue, London N.W.11, England.

HACKMEY, David Joseph; Advocate; Chmn & Mng. Dir., The Israel Phoenix Assurance Company Ltd.; Chmn, Diners Club (Israel) Ltd.; born 2.9.1919 in Jer.; m. Bella Carasso; s. & d.; elected, 67-68, Chairman Israel Insurance Assn.

18, Huberman St., Tel-Aviv; Tel. 234521.

HACOHEN, Abraham; coord. reconstr. of Safed Old City; Mayor of Safed, 55-65; b. 20.10.1911, Transylvania; to Israel, 1933; ed.: HS, Frankfurt; H.U. Jer.; m.: Rivka Kafri; 2 s.; p. trade un. secr., Petach-Tikva; w. Brit. Army (in Tripoli & Italy), 42-45; helped Jew. illegal immigration from Italy; squad command., Haganah; trade un. secr., Safed, 54-55; mbr & deleg. to Histadrut & Mapai C.C.; organized the Histadrut & Local Cl. in Kiryat-Shmona; p. mbr edit. staff & Upper Galilee reporter, "Hador"; initiator of Indust. Centre & Reg. New Govt. Hosp., Safed; reconstruct. of Holy & Historic. sites in the town; articles on trade union topics & devel. problems.

Cana'an B, Safed; tel. 30146.

HACOHEN, David; p. M.K., 49-69; p. Chmn, Knesset Foreign & Defence C'tee; Chmn, Atlantic Fishing Co.; b. Homel (Russia), Oct. 1898; m. 1st, 1930, late Ruth Kravtzov; 2 d.; 1 s.; 2nd, 1946, Bracha Habas d.; 3rd, Zippora Arbel, 69; ed.: Milit. Sch., Istanbul; Sch. of Econ., London; to Isr., 07; co-founder, Solel Boneh, 1924, and its Joint Mngng Dir, -1958; during World War II, on behalf of Jewish Agency and British Army, in special intelligence & military spheres in the M.E.; municipal councillor, Haifa (1927-1950) & vice-mayor; delegate, to Zionist congresses & to Inter-Asian Conference in New Delhi (1946), to Inter-Parliamentary conferences in Dublin, Washington, Bangkok, London, R. de Janeiro, Warsaw, Tokyo, Brussels, Brazilia, Copenhagen, Ottawa, Teheran, Lima, N.-Delhi, head Knesseth del.; to U.N. Gen. Asbly meetings (51, 54, 55, 57, 58, 60, 62, 63, 64, 65, 67-69); Min. to Burma, 53-55; leader of Govt. Mission to China, 55; to Burma (56); Head, Knesset Deleg. to Germany, 69; Officer de la Legion d'Honneur, France; Command. Order of The Crown, Belgium.

13, Hanadiv, Haifa.

HACOHEN, Menahem; Rabbi, Head of Relig. Dpt., Gen. Fed. of Labour (Histadruth), 70-; b. Jerusalem, 1932; ed.: Yeshivat Hebron, Jer.; m. Devorah Kliers; ch.: Miron, Aviad, Chagitt; formerly: IDF & Naval corps; various assignments w. the military chaplainship; Rabbi to the Israeli Navy; edit., brdcast tradition programs, "Galey Zahal"; chief edit. of the Chief Rabbinate's publications & of Mahanayim" (monthly); edited, Pessach Haggadah (unified version) f. IDF; "Mishpatim V'Alilot Dam" (anthology); the "Arakhim" series; active w. the Labour Pty, head of religious circles, mbr of C.C. & Secretariat; app. Rabbi to the "Tnuat Hamoshavim", 67-; initiated, Negev Coll. f. Judaic Studies; partic. in the campaign f. the liberation of Jerusalem, 67; publ.: "Tales of the Stones" ("Avanim Mesaprot"), 68, & jointly w. Mrs. Hacohen, a study in jew. folklore, "One People" (English).

25, Hagalgal St., Ramat-Gan; Tel. 783374.

HADDAD, Michel; teacher, 37-; b. Nazareth, 1.1.1919; ed.: sec. & advanced lit. courses; Jour. Dipl.; m.; d.: Sarwa, Adib, Samia s.: Amal, Najib; Editor "Almujtama" Monthly, 54-60; mbr, Brd of "Arabic Publishing House"; Secr., Arab Poetry League in Israel; mbr Acum; first poet to publish modern poetry in Arabic, in Israel; publ.: Selections from Israeli Arabic Poetry, 55; 1st poetry book, 69; 2nd poetry book, 71; award: Certificate of the Peace Exhib. f. Art Teaching, Jer.

P.O.B. 51, Nazareth.

HA'ETZNI, Eljakim; lawyer; M. Jur.; b. 22.6.1926, Kiel, Germany; to Israel, 1938; ed.: HS in Germany; Teacher's Smnry & H.U., Jer.; m.: Zipora Weisman; ch.: Boaz, Nadav, Tamar, Yishai; p. Secr., "Shurat Hamitnadvim"; publ. pamphlets & articles in the field of volunteering & fight against corruption, 53-57; now active f. "Eretz Israel Ha'shlema"; letters, articles, etc., in favour of Israel retaining all its achievements gained in the 6 Days War.
Kiriat Arba, Hebron.

HAEZRAHI, Yehuda; M.A.; author, journalist; b. Jerusalem, Feb. 11, 1920; w.; educ.: Hebrew U.; p. lecturer, Hebrew literature, Jew. College, (U. of London); to Britain on behalf of KKL; Editor, "Hauniversita", org. of the Hebrew U.; Publ.: "Like the Passing of a Shadow", "On the Threshhold of Life", "Clouds in Storm", "Dawn", "Face & Mask", "City of Stone & Sky", "The Jer. I have Chosen", "Through the Lighted Window", "Land of Quiet Revolution", "The Telephone has been disconnected", "Verdict of a Tired Judge"; plays: "The Deserter", "Twin Brothers", "The Refusal", "Thorns for Breakfast"; Akum Prize f. liter.; Agron Prize f. journalism.
17, Rachel Imenu St. Katamon, Jerusalem.

HAGIN, Josef; M.Sc. (Agr.); Ph.D.; Prof., Faculty of Agric. Eng., Tehnion; b. Yugoslavia-, 1921; m. Hanna Gumpert; 1 s. Yaron; 2 d. Iris, Anat; educ.: Hebrew U.; Head, Soil Chemistry & Fertilizer Division, Natl & Univ. Inst. of Agric. (60-63); Head, Fertilizer Dev. Lab., Technion (63-67); mbr., Fertilizer Development Council; Agric. Council; Soil Branch of the Ministry of Agric.; Dir. Technion Research & Development Foundation, 67-70; Vice-Pres. (Research) Technion, 70-72; near to 100 articles on soil chem., fertilizer evaluation, soil fertility.
19, Eder St., Ahuza, Haifa. Tel. 241825.

HAIMOVIC, Issachar; Mng. Dir., American Israeli Paper Mills Ltd., Hadera, 1961 —; Chmn., Brd. Dir., Industrial Finance Bank; mbr., brd., Israel Industrial Bank; also on Brd. of Dir., Industrial Development Bank; mbr, Brd of Govnrs & Chmn, Fin. C'tee, Tel-Aviv U., Vice-Pres., Am.-Israeli Chmbr of Comm.; mbr, Brd of Dirs, Israel Museum & Museum T.A.; mbr, Brd of Dirs, Israel Aircraft Industries; b. Orhei (Basarabia), 16. 7. 1919; m. Esther Dlugatz; 25.; 1 d.; educ.: Hebrew U. (partial); Gen. Secret., Hechalutz, Rumania; in charge of missions to Europe & Egypt f. resettlement -of refugees, 43-48; head, delegation Defence Ministry, Italy, 51-57; head of development enterprises, Min. of Defence, 57-61; Mng., Dev. & Trust Co. Italy-Israel Bank, 1961.
7, Barak St. Zahala, T. A.; tel. 723876.

HAIT, Uzi; executive; Top-Management of "Egged", Israel Transport Coop. Scty. Ltd.; b. 22.4.1931, Israel; m. Ruth.
Egged, Head Office, 142 Petach-Tikva Rd., Tel-Aviv.

HAKOHEN, Eliezer; Assist Gen. Mng. Israel Discount Bank Ltd.; b. Istanbul, June, 1911; m. May Nahmias; 2 d.; 1 s.
44, Hen Blvd., Tel-Aviv.

HALBERT, Ralph; Pres., Toronto Friends Hebrew U.; Alternate Governor, Hebrew U.; Orthodontist; DDS, MS.; b. Toronto, Canada, 1. 4. 1930; educ.: U. of Toronto, 1954; U. of Illinois, 1956; m. Roslyn E. Saltzman: ch.: Michael, I., Daniel H., Perri F.; Exec. Mbr., United Jewish Welfare Fund., & mbr. of its Brd. of Dirs; mbr., brd. of Dirs., Canadian Foundation f. Jew. Culture.
12 A Park Lane Circle, Don Mills, (Toronto) Canada.

HALEVI, Benjamin; Dr. jur., p. Judge, Supreme Court, Jerusalem; b. Weissenfels (Germany), May 6, 1910; m. Hemda (Luba) Syman; 2 ch. educ: Berlin U.; to Israel, 1933; Magistrate, Jerusalem, 38-48; M.K. (Gahal), 69—.
4 Mane St., Jerusalem, Tel. 32728.

HALEVI, Emil Amital; A. B; M. Sc.; Ph. D; Prof. of Chemistry; Dean of the Graduate School, Technion, 69-71; b. 22.5.1922, New York; married, Ada Rauch; s.: Jonathan Gad; d.: Dahlia; ed.: Cincinnati, Hebrew & London U.; Assist. Instr. at H.U., 52-55; Senior lctr at Technion, 55-60; Ass. Prof., 60-64; Prof., 64 —; Research Associate at Cornell U., 59-60; Visit. Prof., E.T.H., Zurich, summer, 64; Oregon State University, 66-67; U. of Oregon, spring 67; Purdue U., 69; University Coll. London, spring 72; visit. sci., Brookhaven National Lab., summer 66; & Argonne Natl. Lab., summer 67; publ.: papers on physical & physical-organic chemistry.
36 Danya St., Haifa; tel. 254690.

HALEVI, Haim David; Rabbi, Mbr. Isr Chief Rabbinate Council; b. in Jerusalem; m.: Miriam Vakanin; ch.: Raphael, Nitzhia, Ronit, Gilath; rabbi in Rishon Le Zion; p. Head, Metivta "Shaarei Zion"; p. Rabbi, Romema, Jerus.; head, Metivta, Beth Havaad "Evem Shmuel"; publ.: "Between Israel & the Nations", 1954; "Dvar Hamishpat", 3 vols, awarded Uziel Prize, by Jerus. Munic.; "Mekor Haim", 3 volums, 65-70; "Religion & Statehood", 69; The Zohar: Keys & Ideas, 1971.
5, Hagedud Haivri St., Rishon Le Zion. tel. 941827.

HALEVI (Gordin), Haim Shalom; Ph. D.; retired; Assoc. Prof. of Health Econs., Hebrew University Jerusalem, 72-; past Asst. Dir. Gnrl. (in charge of medical economics & statistics, Ministry of Health; b. Brest (Russia), 1908; m. Zilla Kook; 2 s.; 1 d.; Educ.: Hebrew U.; articles and papers on medical statistics, administration & medical economics.
3 Narkis St., Jerusalem.

HALEVY, Abraham H.; researcher, teacher; M.Sc.; Ph.D.; Prof., 70-; Head, Dpt. of Ornamental Horticulture, H.U. Jer.; b. 17.7.1927, Tel-Aviv; ed.: H.U. Jer.; m. Zilla Horngrad; ch.: Avishag, Noa, Itai; pract. training in agric., Bet Shan, Negev, 45-48; IDF, 48-50; deleg. Intl Hort. Cngr., France, 58; instructor, 58-60; Res. fllw, Ornamental Sect., U.S. Dpt. of Agric., Beltsville, Md., 58-59; lecturer, 60; Alex Laurie Award, Am. Scty of Hortic. Sci., 60-63; Visit. Prof.: Michigan State U., 64-65; U. of Calif. Davis, 70-71; over 100 publications in his field; Sci. Advisor to Min. of Educ. & Culture, on new curriculum in Agric. & Biol. Sci., 66-.

2 Struck St., Tel Aviv; tel. 246794;
Agric. Fcty, Hebrew U., P.O.B. 12, Rehovot.

HALEVY, Shalom; LL.B.; Mng. Dir., owner, Hamegader-Barzelit; b. Warsaw, 4.7.1926; educ.: Yeshivat Harav Amiel, Merkaz Harav & Hebrew U.; to Israel, 1935; m. Chaya Tick, 1935; 1 d.

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HALPERIN, Abraham; Prof. of Physics, Hebrew U.; b. Witebsk (Russia), 1915; Ph. D., 1950, Jerusalem; research on Unesco and Humanitarian Trust Fellowships, London U., 1953, & Birmingham U., 1954; Visiting Assoc. Prof., Carnegie Inst., Pittsburgh (62); Visit Prof., Polytechn. Inst. of Brooklyn, NY (66-67); Hebrew U., Instr. (51), Sen. Lecturer (55), Assoc. Prof. (60), Prof. (66); Chairman, Facty. of Physics (64-66); Head, Optics Subdiv., Racah Inst. of Physics; Chmn, Brd of Executives, Inst. f. Sci. & Halacha, Jerusalem, 71-; m. Sara Rostowsky, M.A., writer (auth. of "Dr. Biram & his School"); ch.: Rabbi Mordechai Halperin (b. 46). Chava Halperin (b. 50).

11, Ibn-Ezra St., Jerusalem.

HALPERIN (Gray), Gertrude; communal worker; bus. exec.; Hon. V.P. (life), Mbr, Advis. Brd (life) & p. Pres. (49-51), Hadassah, Chicago; V.P. & Dir., M.E. Industries; My-Ed Corp.; A.J.C. Corp; Halperin Indust.; b. Chicago; m.: Carl M. Halperin (dec.); ch.: Wilfred N. (dec.), Myron G., Edwin G.; p. mbr: Natl Brd, Hadassah; Natl Youth Aliyah C'tee; Natl Service C'tee, Hadassah; Jew. Fed., Chicago; Am. Zion. Cl.; Women's Cl., Brd of Jew. Educ.; Women's Div., Brandeis U.; Women's Div., Cl. of Trustees (life), Anshe Emet Syn.; V. Chmn, Combined Jew. Appeal; during 2nd wld war — active in U.S.O., Chgo Cook Co., Victory Loan C'tee, Women's Defense Corps, Am. Red. Cross; Life Mbr, Arl Inst.; guarantor, Ravinia Park Festival Lyric Opera Co.

3180 Lake Shore Drive, Chicago, Illinois, USA 60651.

HALPERIN, Meyer; Attorney, LL.B., LL. M.; Mbr. Exec Comm Israel Bond Org., New York; mbr Israel Cabinet Intl Council of Bnai Brith; Natl Chairm BB Martyrs' Forest Comm; Dir., JNF; b. NYC, 23.10.1902; educ.: Brooklyn Law School; m.: Beatrice Hurewitz, 15.3.1931; ch.: Nancy A. Golden, Rickie M. Haas; mbr Jewish Center, NYC; mbr Brd of Govrns B'nai Brith Distr No. 1; Fllw, Brandeis U., Waltham, Mass.; recipient, JFK Peace Award of the JNF & of Negev Decade Aw by State of Isr Bonds.

146, Central Park West, N. York, NY, 10023. USA.

HALPERIN, Noah; journalist, writer; Dir., "Manor" — P.R. office, 71-; b. Hamburg, 23.11.1947; to Israel, 1949; ed.: "Ort" — Singalovsky; journalism fcty; sociology; corresp., "Tahbura" periodical; p. P.R. man of Ben Films & of T.F.A.; p. Dep. Dir., journalistic sch.; snr journalist of "World of Publication"; lectures on youth deliquency & on films; mbr, Isr. Assn of Editors of Periodicals; books: "Diary of Air Forces", "Heroic Actions" & "The Wounded Didn't Cry", 67; "Evening Without Sunset", 68; "Wearies of 21 age", 69; "Innocent", 71; 2 films: "We will save him" & "What did you do in the army, Noam?"; edited, poetry book, "Bein Hashvilim", by Esther Levani.

9 Sharett St., Kiryat Sharett, Holon.

HALPERIN, (Reznik) Sarah; Dir., Eilat College, 72-; born USSR, 26.9.1928; to Israel, 1948; ed.: B.A. - gen. hist., geography, pedagogy & hist. of arts; m. Halperin; s. Ephraim; teach. in HS, 49- (gen. hist., hist. of arts, English).

602/7, Lindi St., Eilat.

HALPERN, Haim Vivian; Ph.D., Snr Lctr, Dpt. of Physics, Bar-Ilan U.; b. 18.3. 1939, London; to Israel, 1966; ed.: Cambridge U., 57-61; Oxford U., 61-64; m. (wife's maiden name: Gluck); 3 ch.

42 Hassar Moshe St., Ramat-Gan 52334; tel. 740472.

HALPERN, Joseph; part-time libr., Bar-Ilan U., 71-; free-lance journ.; b. 5.4. 1907, London; to Israel, 1970; ed.: U. of London, B.A. (hon. first class), 29; M.A. (cum laude), 31; Jews Col., 33; m.: Eva Ioschpe; ch.: Ruth, Chaim (Vivian); p. examiner class. Heb., U. of London, 50; lctr. Bible stud., U. of London, 57; lctr. Bible & Bible Hist., Jews' Coll., London U.; found. & chmn, Bible Readers' Union & edit. of its bulletin, 39; active in Mizrachi; publ.: History of our people in Bible Times (4 edit.), Hist. of our people in Rabbin. Times (3 edit.), idem in post-Bible times, 65; Makers of the Mishna; Hebrew at Glance; stories, plays & articles on Jew. educ., Bible & Jew. History.

122 Uziel St., Ramat Gan; tel. 03-762286.

HAMBURGER, Ernst; partner, Hamishmar Insurance Service; Chmn, Assn. of Holders of Lloyd's Contracts in Israel; mbr. Presidium K.J.V. (Kartell Juedischer Verbindungen); C.C. of Isr. Insurance Assn; Govt Insurance Assn; Cl. of Isr. Philar. Orch.; Freemasonic Lodge; etc.; b. 20.7. 1908, Frankfurt a. M.; m. Margot Auskern;

2 s.; 1 d.; educ.: High School of Commerce, Frankfurt; to Israel, 1935; Author of "The Idea of State Zionism".
96 Hayarkon St., Tel-Aviv, Tel. 222005.

HAMBURGER (Auskern), Margot; co-owner, Hamishmar Insurance Ser.; b. Berlin, Dec. 6, 1913; m. Ernst Hamburger; 2 s.; 1 d.; Educ.: Berlin; to Israel: 1935.
96 Hayarkon St., Tel-Aviv, Tel. 222005.

HAMMER, David; Portrait Painter, Versatile Artist; b. Bledow, Poland, 16.1. 1916; to Israel, 1959; ed.: "Tarbut" Grojec, Poland; Art Schools: Warsaw, Saint Paul Gallery & Sch. of Art, U. of Minnesota, Columbia U., UCLA, Bezalel Sch. of Arts & Crafts Jer.; Academie Monmartre, Paris; m., 1963; d. Bath-Sheva; s. Avraham-Moshe; p. secr. of: "Hanoar Hazioni", Zion. Org. & KKL, Grojec, Poland; life-mbr., Disabled Am. Vets.; mbr.: Isr. Assn of Paint. & Sculpt.; Isr. Exploration Scty; p. mbr: Assn of Am. & Canadians in Israel; Isr.-Am. Friendship League; Program Chmn, State of Israel Post, 180, War Vets of USA; American Legion; Jew. Grad. Scty Columbia U.; Intercolleg. Zion. Fed. of Am.; B'nai Brith Hillel Fndn of Minnesota U.; UCLA; Columbia; Columbia Alumni Assn of Isr.; temple affiliations: Sinai; Los Angeles; Isr., Holywood; exhib.: Midwestern Artist Competition, Cansas City Mus. of Arts; De Young Mem. Mus., San-Francisco; S. Francisco Mus. of Arts; Am. Fndn, Paris; Minnesota State Fair; Minneapolis Inst. of Art; Mount Zion Temple Art Gall.; St. Paul Gall. & Sch. of Art, etc.; publ. on the proposed Intl Fine Arts Center in Isr.; plays: "King Alexander & Queen Alexandra", "Antipater Also Called Antipatrus", "King Herod & Queen Miriam"; citation as an innovator, Columbia U.
72, Eilath St., Holon; P.O.B. 30.

HAMMER, Gottlieb; Exec. Vice-Chairman of the Jewish Acency f. Israel; Natl Secretary of the United Jewish Appeal; Co-Treasurer of the Palestine Foundation Fund; a Trustee of the Amrican-Israel Cultural Foundation Fund; member of the Board of Governors of the American Committee of the Weizmann Institute; Pres. of the American Israeli Shipping Company; Pres. of the Transport Commercial Corporation of New York; Dir. of the Cidadel Life Insurance Company, and member of the Advisory Board of the Bank Leumi L'Israel.
New York, USA.

HANANI (Chojnacki), Haim; Ph.D.; Prof. (Math.), Technion; Rector, Negev U.; Pres., In. Processing Assn of Israel, 70-73; Chmn, Isr. Math. Un., 62-64, 68-70; b. 1912, Slupca, Poland; m. Esther Bogatin; 3 children; educ.: University of Vienna & Warsaw; Hebrew U.; financial secret., Hebrew U., 50-54; Senior Lectr., Math Dpt., Technion, 54; Assoc. Prof., 59, Prof., 62; Research Prof. of Math., U.S. Army, U. of Wisconsin, 59-60; Visit. Prof., U. of Western Australia, 61; V.P.f. Academic Affairs, Technion, 62-65; Visit. Prof., N.Y. City U., 67-68; advisor on higher education Min. of Educ. & Culture; mbr. of various Math. Scties, in Israel & the U.S.A.; publications on Math. in Hebrew, German, French & English, etc.
63, Hanassi Blvd., Haifa; tel. 83589 & U. of the Negev, Beer Sheva.

HANAUER, Hans Arno; Mng. Dir.: W. Wood & Son, British Leather Group; Ganney Travel Goods Ltd.; Interplast, Afulah-Isr., 73-; Hon. Secr., Zion. Educ. Trust f. Gt. Britain & Ireland; Chmn, Brd of Gvnrs, Hillel House Schs; mbr: Econ. C'tee f. Shoe & Allied Trades, Gt. Britain; J.P.A. C'tee f. Shoe & Allied Trades; b. 17.2.1929, Wurzburg, Germany; to Israel, 1973; ed.: Lady Owens Sch., London; North. Polytechnic; Sch. of Art & U. of Birmingham; M.S.I.A.; F.R. Econ. S.; M. Inst. M.; m.: Jacqueline Cole; d.: Elaine; s.: David Jan; publ. in: Leather Goods Journal; Designers of Gt. Britain; Arpac, Italy; Royal Econ. Society; designs shown at Ital. Trienale & Design Exhib., Prague.
Teus, 99 Hahashmonaim St., Tel-Aviv; P.O.B. 20192.

HANDLER, Arieh L.; Mng. Dir., International Credit Bank Geneva, London; Exec. Vice-Pres., Mizrachi Hapoel Hamizrachi Federation; mbr, Jewish Agency Assembly and World Zion. A.C.; Chairman, Bachad Fellowship; Vice-Chairman, World Jewish Congress, British Section; mbr, British Board of Deputies; b. 27.5.1915, Brno, Czechoslovakia; to Israel, 1938; ed.: High School, Rabbinical Seminary, Berlin, London Sch. of Econ. & Polit. Sci.; Dir. Youth Aliyah Office, London, 39; m.: Henny Prilutsky; 2 sons; participated in all Zion. Congresses, 35-; Contrib. to dailies, periodicals, etc.
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54, Havazaleth Hasharon, Herzliyah Pituach.

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War II, & Hagana, War of Independence; on mission to Europe, in charge of immigration problems, Jewish Agcy; also to North Africa on same tasks; p. comptroller of ORT, 1960; Dir. Gen., since 1967.
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HAUSNER, Karl, Dr.; businessman; deleg., Prime Minister's Ec. Conf. f. Israel; deleg. Assn f. Promotion of Economic Relations, Germany-Israel; Chmn, European-Israeli Co-ordinating C'tee f. Textile & Fashion; Managing Director, Triumph International Ltd., Jerusalem & Triumph Intl Holding Ltd., Munich; b. Bratislava, CSR, 28. 12. 1911; educ.: Univ.; m. Margit, 1944; ch.: Peter, Steven.
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HAZAK, Jehiel; poet; teacher & educator; B.A.; secon. sch. teacher, 61-; b. Afikim, Israel, 25.10.1936; ed.: Teachers' Smnry; Haifa U. (Hebrew Lit. & Bible); m. Aya Rappeport, 1968; d.: Ravit, Tama; p. instr., educator & teacher, youth movement; mbr, Hebrew Writers' Assn; publ.: 3 books of poetry — "Avney Bazelet", Eked 61; "Ata Al Panai", Hakibbutz Hameuchad, 66; "B'hora Azuva", Eked 70; many poems in dailies, magazines & journals; awarded: Jordan Valley Prize f. Lit., Independence Day 69.
Kibbutz Afikim, Jordan Valley; Tel. 067-50451.

HAZANI, Michael Jacob; M.K. (Relig. Pty); farmer; Minister of Social Welfare, 71-; Dep. Min. of Educ. & Culture, 70-71; mbr., N.R.P., Central C'tee & of presidium "Lamifneh" mbr., Financial C'tee, Knesset; Vice-Chairman, Brd of Dir., Bank Israel; Vice-Chairman, Brd of Dir., United Mizrahi Bank Ltd.; spokesman of the National Religious Party in the Knesset; b. Bendzin (Poland), June 27, 1913; m. Hana Rubin; 3 s.; Educ.: Rabbinical Seminary and High School.; to Israel, 1932; elected M.K. in 1951; articles and pamphlets on settlement problems, economics, sociology and politics.
3 Hankin St., Tel-Aviv.

HECHT, Reuben R.; Dr. rer. pol.; economist; Chmn & Mng. Dir., founder (1951) of "Dagon" Batey-Mamguroth Le-Israel Ltd., Haifa; Dir., Jew. Col. Trust Ltd. ("Otzar Hityashvut Hayehudim"), Tel-Aviv; Founder & Chmn Brd "Shikmona" Publishing Co., Haifa; Chmn, "Orkal" Chemical Industry Ltd., Haifa; etc., etc.; b. Antwerp. 15.8.1909; m. Edith Zilzer; ed.: Munich, Berlin, Heidelberg U-ies; to Israel, 1936-39, and again in 1948; Govt Efficiency Award (Kaplan Prize), 60; Hon. Citizen of Haifa, 70; mbr: Bd. of Governors: Technion Haifa, Haifa U., Bezalel Art Academy, Jerus.; Intl. Brd. of Govnrs, Israel Museum, Jerusalem; Public Cl. f. Culture & Art; Cl. f. Archaeology; Weizmann Inst., Rehovot; Brd of Trustees: Isr. Museum of Technol., Haifa; Founder & Dir. of Archaeol. Collection "Dagon", Haifa; mbr: I.C.O.M., Paris; Brd of Comm., Medals & Coins Section, Bank of Israel, Jerusalem, etc., etc.
3, Rehov Hayovel, Mt. Carmel, Haifa.

HEDAYA, Ezra; Judge, District Court, Jerusalem; b. 1921, Jerusalem; ed.: Law Classes, Jer.
4 Harav Chen St., Jerusalem; tel. 65767.

HEFER (Feiner), Hayim; Writer, Journalist, Lyricist, Script writer, Translator; b. Poland, Oct. 29, 1925; m. Ruth Levi Morhay; educ.: Hebrew U., Jerusalem; to Israel, 1936; active in illegal immigration and other underground operations; founder of military "Chizbatron" troupe; translated and adapted plays for Habimah, Cameri, Li-La-Lo, Bazal Yarok, Municip. Theater Haifa; Giora Godik Theater, film dir. & scriptwriter; author of famous lyrics, in Palmach & Hagana epochs; weekly columnist "Yediot Ahronot": books: "Tachmoshet Kala"; "Yalkut Hakzavim" "Milim Lemanginot", "Missdar Halohamim", "Tarnegolim Al Gesher Hayarkon", etc.; lyrics for "Kazablan", "I Like Mike", "The Witch"; co-found of "Hamam" satirical theatre; shows: "Little Tel-Aviv", 'Arab Fables", "Time Bomb", etc.; producer of "The Megilla"; film scripts include: "The Rooster", "Cazablan"; about 1000 songs.
53 Arlosorov St., Tel-Aviv.

HEGESH, Emanuel; Ph.D., biochem.; Head of Lab., Kaplan Hosp, Rehovot, 53-; b. Sofia, Bulgaria, 1920; to Israel, 1949; ed.: Sofia U., M.Sc.; Weizmann I., Ph.D.; m., 1946; 2 ch.: Julius, Edna; Secr., Isr. Scty of Pathological Chem.; mbr, Isr. Biochem. Scty; Ph.D. Thesis: Ferrihemoglobin Reduction in the Human Red Blood Cell, 66; publ., jointly with others, 6 more research works.
65, Amishav St., Givatayim; Tel. 761478.

HEIDECKER, Justin Jacob; Dr. rer. pol.; econ. dipl.; Dep. Mng., "Dagon", Batey-Mamguroth Le-Israel B. M., 1953-; b. Germany, 19.3.1909.; m. Malkah Jurmann; 1 s.; Dir. various companies; ed.: Munich, Heidelberg U.; mbr, "Staatszionistische Organization" (Revisionists), Germany; to Israel, 1936; articles in economic & literary journals.
1, Keller St., Haifa.

HEIDECKER, Malka; sculptress; b. Sniatin, Austria (now USSR); to Israel, 1924; m.: Dr. Justin Jacob Heidecker; 2 s.; 1 d.; one-man exhibs, 62, 69; exhibts regularly in gen. exhibs of Isr. Paint. & Sculptors Assn & Isr. Museums; group & spe. exhibs (Museum Israel etc.); Isr. Decade Jubilee Exhib., 58; mbr: Isr. Paint. & Sculpt. Assn; Artists Colony, Safed; recip.: "Garden Sculpture" Prize, 63; Purchase Prize, Isr. Govt.
1 Keller St., Haifa; tel. 82711; 39 Kaf-Tet St., Safed; tel. 30851.

HEIFETZ, Ya'acov; Brigadier General (Tat-Aluf), Res.; Deputy Managing Director, "Delek" — The Israel Fuel Corpor. Ltd.; b. 1923, Jerusalem; m. Naomi Shariv; 2 s.; 1 d.; w. Haganah, 40-48, & w. IDF 48-59; asst. Military Attaché in U.K. and Scandinavia, 59-60; Intelligence Branch, 60-62; Commander of the Military Training Command, 62-64; Financial Adviser to the Chief of Staff and Head of Budget Dpt., Ministry of Defence, 64-69.

31, Neveh Rei'im St., Ramat Hasharon; Tel. 771577.

HEILPRIN (BEN-HAIM), Mordecay; archaeologist; res. work in classic. arch., Tel-Aviv U., 70-; Inspector of Extracurricular Ed., Min. of Ed., 72-; b. 6.4.1921, Lodz, Poland; to Israel, 1938; ed.: H.U. Jer., M.A.; m.: Bath-Sheba Brandwein (dec.); s.: Chaim; 2nd m.: Tova Freilich; s.: Arieh; w. Brit. Army, 42-46; princ., Public Sch., 47; served IDF, War of Indep., 47-48; teach. & educ., HS in Tiberias, 49-69; publ.: Tiberias - In the Mirror of Generations, 66; recip. Feldman Prize in Arch., 40.

5 Bareli St., Tel-Aviv; tel. 419441.

HELLER, Bunim; poet, journalist, translator, lit. editor; b. Warsaw, 25.1. 1908; to Israel, 1957; jew. tradit. ed.: m. Hadassa Kestin, 1950; 1 d.; p. mbr, Exec. Cls of Writers' Unions in Warsaw, Paris, Tel-Aviv; mbr, Isr. Union of Yiddish Writers; publ. 17 vols of poetry: 3 in Warsaw, 32-36; 1 in Minsk, 40; 2 in Moscow, 47-48; 1 in Lodz, 48; 6 in Warsaw, 50-56; 5 in Tel-Aviv, 57-73; numerous poems transl. & publ. in Polish, Russian, Englisn, German, French & Heb.; various lit. trans. from Polish, Russian & Heb. into Yiddish; lit. essays & criticism; lit. lctrs on modern Yiddish lit; work f. Isr. Broadcast; awarded: Literary Prizes, in Isr. & the USA, f. latest 2 books of poems: "Naie Lider" "Dor un Doyer", "A Boim in Ownt".

4 Emek Ayalon St., Tel-Aviv; tel. 35161.

HELLER, Emmanuel; Ph.D., virologist; Snr Lctr, Dpt. of Virology, Hadassa Med. Sch., Jer., 70-; b. Paris, 9.3.1929; to Israel, 1955; ed.: McGill U., Montreal, B.A., 52; H.U. Jer., Ph.D., 59; Stanford U. Med. Center, Cal., 59-61; Natl I. f. Med. Res. Mill Hill, London, 61-63; m. Rachel Marcella Ascoli (artist), 1956; s. Noam; d. Neta; H.U. Med. Sch., Research Assoc., 63-66; Lctr, 66-70; Travelling-Fllwship: Royal Scty Isr. Acad. of Sci., 68; I.N.S. E.R.M.; Le Petit (Milano), 69; Visiting Sci., Delafield Cancer Res. Inst., Columbia U., 71-72 (Human Leukemia); publ.: 5 res. works on virology & 12 sci. res. works jointly w. others; mbr: Isr. Cancer Scty; Isr. Genetics Scty; awarded: NIH training grant, 59-61; Leukemia Scty Fllwship, 61-63; Eleanor Roosevelt Intl Cancer Fllwship, 71-72.

41, Harav Berlin St., Jerusalem; Tel. 66619.

HELLER, Eugen-Nahum; Consulting Actuary; mbr, Israel & Swiss Assn of Actuaries, I.A.A., I.A.C.A.; Manager of A.P.C. (Insurance Planning Co.); b. CSR, 7.12.1912; to Israel 1940; m. Edith Huppert; 2 ch.; ed.: Brno Techn. & Prague U.; w. Hassneh, 40-49; Migdal (Chief Actuary), 49-54; Israel Phoenix (Manager Life Dpt.), 55-70; Consulting Actuary of Hist. Pension Funds, 54-57; various articles and Congress papers on actuarial problems.

3, Nez St., Ramat-Gan; Tel. 721408; Office: 6, Ahuzat Bait St., Tel-Aviv; Tel. 59847.

HELLER, Meyer; Rabbi; spiritual leader of Temple Emanuel, Beverly Hill, 69-; chmn, Rabbin. Div., Un. J. Wlfr Fund Campaign & p. similar capacity f. Isr. Bonds Campaign; b. 28.12.1921, New-York; ed.: H.U.C., Cincinnati, ordained rabbi, 50; m.: Judy Freedman; 4 s.; 3 d.; officer US Army, during wld war 2; served: Temple Emanuel, San Francisco; Temple Solael, Woodland Hills; co-rabbi, Temple Israel, Hollywood, -68; p. pres. Beverly Hills Min. Assn, Pacific Assn of Reform Rabbis, Brd of Rabbis of N. Calif. & South. Calif. Assn of Liberal Rabbis; p. vice-pres., Brd of Rabbis, South. Calif., mbr, Brd of Beverly Hills, YMCA; p. lctr u. the auspieces of Jew. Chautauqua Scty; active in various commty orgs.

8844 Burton Way, Beverly Hills, California 90211, USA.

HERBERT, Gilbert; architect & town planner; Dean, Fcty of Archit. & Town Planning, Technion; mbr: High. Cl. f. Arch. in Isr.; Isr. Prize C'tee f. Arch.; chmn, Rokach Prize C'tee, Tel-Aviv Municip.; b. 22.6.1924, Johannesburg, S.A.; to Israel, 1968; ed.: U. of Witwatersrand — B. Arch., 47; Dip. T.P., 51; M. Arch., 55; U. of S. Africa, D. Litt. et Phil., 70; m.: Valerie Ryan; s.: Barry Charles; d.: Margaret Lynn; lctr, U. of Witwatersrand, 47-61; reader in arch. & town plan., Adelaide U., S.A., 61-68; Technion Haifa — Assoc. Prof., 68-72; Prof., 72-; p. pres.: JNF of S.A., S.A. Friends of H.U.; p. mbr: S.A. Jew. Brd of Deps; State Zion. Cl. of S.A.; Exec., Brd of Ed., Australian Plan. Inst.; p. assoc. editor, "South African Architectural Record"; fllw: Royal Inst. of British Archs; Royal Australian Institute of Archs; mbr: Inst. of S.A. Archs, Royal Australian Plan. Inst., Am. Scty of Archit. Historians, A.E.A. Israel; publ.: books: The Synthetic Vision of Walter Gropius, 59; Martienssen and the International Style, 73; over 50 papers & articles in journals in S.A., Australia, Gt. Britain, USA, Israel; archit. work, i.e.: John Moffat Bldg f. Arch. & Fine Arts, Johann.; Cinerama Theatre, Johann.; exhibs. f. S.A. gvt & other public bodies; commercial, residential & indust. bldgs; recip.: Sir Herbert Baker Scholar, S.A.: Myer Fllwship, Australian Humanities Res. Cl.

8 Eder St., Ahuza, Haifa; tel. 251957.

HERBSTEIN, Frank Herzl; M.Sc., Ph.D.; D.Sc.; Prof., Dean Fcty of Chem., Technion,

68-71; b. 3.7.1926, Cape Town; ed.: C.T.U., Hebrew U. & Weizman Inst.; S. African Corps of Sign. (44-45): volnt. "Mahal" (48-49); to Isr., 1965; m. Corinne Jessica Liebson; ch. Ruth, Judith Olga; Jun. Scient., M.I.T. (53-55); Staff Mbr., S.A. Cl. f. Sci. & Ind. Res. (Chem. Physics Group), Technion; publ.: papers in Chem., Physics & Crystallography; chmn. of Isr. Cryst. Socty, 69-70; mbr., Apparatus Comm., Intl Union of Cryst., 63.

7, Eder Str., Haifa. Tel. 242191.

HERER, Zvi; Mayor, Kiryat Ata; b. 13. 1. 1919, in Dorna-Vatra, Bucovina, Rum.; high-school graduate; deported Transnistria, 41; serv. Rusian army, -44; p. Secr. "Ichud" Zion. Pty, Rumania, -46; to Israel, 1949; organized, agric. settlments of new immigrants, later off of Defence Ministry, -58; elected Mayor, 1959, 1965; relected, 1969; mbr., Central C'tee, Labour Pty; mbr. brd of dirs, Bank Otzar Hashilton Hamekomi; m.: Hana; ch.: Nathan, Israel.

24, Herzl St., Kiryat Ata; Tel. 722696.

HERLITZ, Esther; Advis. to the Prime Minister; Dir., Isr. Voluntary Serv.; Ambassador to Denmark, 1966-1971; educ.: Hebrew Teachers' College, Jerusalem; Civil Service School, Political Dpt., Jewish Agcy; to Israel, 1933; p. secret. Division for Arab Affairs, Political Dpt., Jewish Agcy 1947-48; second in command of Hen (Women's) Battalion, Jerusalem, 1948; acting head, United States Division, MFA., 1948-50; mbr, Israel delegation U.N.; First Secr, Israel Embassy, Washington, 1950-54; Israel Consul, New York, 1954-57; p. Secret. Dpt. f. Intl. Relations, Labour Party.

Israel Voluntary Service, 99 Hashmonaim St., Tel-Aviv.

HEROLD, Henry Zvi; M.D., orthopaedic surg.; Chief, Orth. Surg., Serv., Ashkelon Hosp., 66-; b. Poland, 20.2.1928; to Israel, 1935; ed.: H.U. Jer. (bacteriology); Paris U. (med.); specialisation in N.Y. & in Israel; m. Annie Weill; 3 ch.; mbr. Royal Society of Med., London; orthopaedic assess., Appeals C'tee, Min. of Health; orth. assess., Appeals Commission, Social Security (national insurance); mbr: Société Internationale de Chirurgie Orthopaedique et Traumatologie, Intl Coll. of Surgeons, Société Francaise de Chirurgie Orthopaedique, Isr. Orth. Scty, Isr. Surgical Scty; numerous papers in med. & orthop. journals on fracture union & research on acceleration of fracture union.

Hatzanhanim St., Afridar Ashkelon; Tel. 051-4149.

HERSH, Joseph S.; quality control mng., Electron. Eng.; command., Jew. War Veterans of USA, Israel Post 180; b. Philadelphia, Pa., USA; to Israel, 1972; ed.: BSEE, Pennsylvania Mil. Coll., Chester Pa.; grad. courses in EE, U. of Pennsylvania; m.: 1948; ch.: Steven, Arnold, Deborah; co-found., Penna. Armature Remanufacturing Co., Inc.; p. pres., Brd of Sch. Dirs, Bucks County Techn. Sch., Fairless Hills Pa., 65-70; p. vice-pres., Brd of Dirs., Bristol Township, Pa., 65-70; mbr: A.J.C., Jew. War Veterans of US; awards: Bristol Township Brd of Sch. Dirs, Bucks County Techn. Sch.

38a Rehov Rav Kook, Herzlia.

HERSHAFT, Alex; Ph.D., environmental scientist, 66-; b. Warsaw, Poland, 1.7. 1934; ed.: Univ. of Conn., B.A. (chem.), 55; Iowa State U., Ph.D. (chem.), 61; m. Eugenie Crystal; d. Monica; Pres., Environ, Technol. Smnry, 69-71; w. Grumman Aerospace Co., 68-72; Exec. Dir., Am. Friends of Religious Freedom in Israel, 64-; Atomic Energy Comm. & Iowa State U., 56-61; Pres., Iowa State U. Hillel, 60; Technion, 61-62; Isr. Program f. Sci. Trans; Founder & Gen. Secr. of the League f. Abolishment of Religious Coercion in Isr., 62-63; Center f. Naval Analyses, 63-65; w. Avco Space Systems, 66-68; Natl Treas., Am. Human. Assn, 69-70; Advis., C'tee f. Human Legisl., 72-; brd. mbr., N.Y. Region of Am. United f. Separation of Church & State, 69-70; publ.: 25 technical articles & numerous leaflets & press releases on the subject of separation of Church & State in Israel.

97, Jerusalem Avenue, Massapequa, N.Y. 11758, USA.

HERSHMAN, Samuel I.; J.D.; brd chmn, J. Hershman Co. Inc. (ret., p. Pres.); vice-pres. Jew Home f. Aged; trustee, St. Raphael Hosp., New Haven; mbr, Mayor's Soc. Action C'tee, N.H.; b. 5.10.1892, New Haven, Conn.; ed.: Mich. U. Law Sch., J.D., 1913; m.: Esther Goodman; p. co-chmn, UJA, N.H.; Israel Bonds, N.H.; p. dir., Un. Fund; p. mbr: Exec. Cl., JNF; N.H. Brd, Human Relat.; Soc. Plan Comm. Cl., Jew. Wlf Fed.; Neighborhood Music Sch.; Correction Cl., Statee of Conn.; p. pres., Cngrn Mishkan Israel.

I. Hershman Co. Inc., 50 New St., New Haven, Conn. 06503, USA.

HERTZ, Dan; psychiatrist-psychoanalist; Snr Lctr, Psychiatry, Heb. U.; Dir., Psych. Consult Service & Psych. OPD, Hadassah U. Hosp.; b. 15.7.1923, Miskolc, Hungary; to Israel, 1949; ed.: U. of Debreczin, 49; H.U., M.D., 53; Harvard U., 57-59; Isr. Psychoan. Inst.; Boston Psychoan. Inst., 54-64; m.: Judith Schoenberger; 2 ch.: Yair, Anat; mbr, Am. Psychosomatic Scty; corresp. fllw, Am. Psych. Assn; fllw, Royal Scty of Med.; mbr, Intl & Isr. Psychoan. Assns; Assoc., Wld Fed. of Mental Health; Chief, Mental Health Serv., Natl Pub. Health Serv., Liberia, 61-64; publ.: 25 papers in diff. psych. & psychsom. journals; recip.: Knight Commander Star of Africa (Gvt. of Liberia), 64.

30 Tchernichovsky St., Jerusalem; tel. 30813.

HERTZBERG, Arthur; Rabbi, Temple Emanu-El, Englewood; Adjunct Prof. of History, Columbia U.; pres., A.J.C., 72-; mbr, Exec., J.A. f. Isr., 69-; b. 9.7.1921,

Lubaczow, Poland; ed.: Johns Hopkins U., B.A. (grad. at the head of the class & elected to Phi Beta Kappa "with honor"); J.T.S., Rabbi & M.H.L. ("with merit"); Columbia U., Ph.D. (history); m.: Phyllis Cannon;! 2 d.: Linda Beth, Susan; pres. (67-72), Confer. on Jew. Soc. Studies & edit., Journal on Jew. Soc. Studies; cnslt edit., Encycl. Judaica, 16 vol. publ. in 72; publ.: Essays on Jewish Life and Thought (co-edit. & contrib.); The Zionist Idea, 59; co-author, The Outbursts that Await Us, 63; The French Enlightenment and the Jews, 68; numerous articles; recip.: Amram Award, 67; D.D. (hon.), Lafayette Coll., 70.

83 Glenwood Rd, Englewood, New Jersey, USA.

HERZ, Israel; journalist; Head, Afro-Asian section of Histadruths' Intl Dpt., 69-; b. Poland, 2.9.1914; to Israel, 1934; ed.: secon. sch., Lublin; London Sch. of Econ., 65-67; m.; d.: Rachel, Myriam; s. Itzhak; mbr, Kibbutz Ein-Shemer, 34-; mbr: Exec. C'tee, Histadruth; C.C., Polit. Comm. & Secr., Mapam; active in Hagana & Illegal immigr., 42-43; Central Shaliach of Hechalutz to France, in charge of illegal immigr. & Hagana "Rehesh", in Europe (Paris, Marseille), 45-48; mbr, exec., Workers' Sport International, Bruxelles, 46-69; Secr., Jer.-branch, Mapam, 51-54; Head, Trade-Union Dpt., Mapam C.C.; mbr: "Hapoel" secr. & Histad. Exec., 55-58; Head, Arabic section, Mapam, 60-62; Central Shaliach of Mapam & Hashomer Hatzair, N.-Am., 63-65; Head, Histad. Dpt., Mapam C.C., 68-69; mbr, "Maarach" C'tee in Histad. Exec.

Kibbutz Ein Shemer, Doar-Na Menashe.

HERZOG, Chaim; K.B.E.; LL.B.; Barr. at-Law; adv.; mng Dir., GUS — Taasiyot Ltd.; b. Belfast (Ireland), 17.9.1918; m. Aura Ambache; 3 s.; 1 d.; educ: Wesley College, Dublin, London & Cambridge U.; Hebron Yeshiva; to Israel, 1935; served (as major), British Army, World War II, in N.W. Europe; Gen. Staff of occupation forces in Germany; head, Security Dpt., Jew. Agcy, 47-48; Military Naval & Air Attache, Israel Embassy, Washington, 50-54; Comm. Officer, Jerusalem Distr., 54-57; Chief of Staff, Southern Command, 57-59; Dir., Military Intelig., 59-62; app. Commander, I.D.F. & first Military Governor f. the West Bank, June 67; political & military broadcaster during the 6 Day War; polit. & econ. publicist, contrib. to Israel & British periodicals: regular Radio, T.V. Comentator in Israel & abroad; publ.: "Israel's Finest Hour" ("Maariv", 67).

49, Zahal St., Tel-Aviv; Tel. 771415.

HERZOG, Eric; Snr Account Executive, A. Ariely Advertising Ltd.; b. Chemnitz, 1.10.1924; m. Haya Schwartz; 1 d.; active in various econ. enterprises, 53-54; with Peer Advertising, 54-66; in present position since April 1966; Pres., Bat Yam Lions Club, 69-70.

61 Rothschild St., Bat Yam, Tel. 865370.

HESS, Israel; Rabbi; Principal, HS & Head, Yeshivat Bnei-Akiba, Raanana, 59-; b. Israel, 26.4.1935; ed.: HS, Teachers' Smnry "Mizrahi", Jer.; Yeshivat Hadarom, Rehovot; Yeshivat Merkaz Harav, Jer.; Students' Kolel, Yeshivat Harav Kook, Jer.; m. 1957; s.: Moshe, Mordechai, Haim Yair; d.: Ditza Shulamit, Chaya Moria; mbr: Central Off, Youth Circles, MAFDAL; MAFDAL'S High Court; Cl., Hatnuah Le-Eretz-Israel Hashlema; Cl., Un. of HS Principals; publ.: Thora research work & general topics in spec. journals; book: "Sikum Dinei Pessach".

3, Bar-Ilan St., Raanana; P.O.B. 30; Tel. 921289.

HETH, Meir; Econ.; Lawyer; Bank of Israel's Banks Examiner; B.A. (Econ.), M. Jur., LL.M., Ph.D. (H.U. Jer., 71); b. 24.9.1932, Haifa; educ.: Hebrew U., Econ., 57, Law, 60; Harvard U., LL.M., 67; m.: Rina Zmirin; 2 d., 1 s.; p. activ. Falk Project f. Econ. Research, 55-60; priv. legal practice, 60-62; snr econ Bank of I. Res. Dpt, 62-68; Examiner of Banks, 69-; part time lectr, on law & econs, Hebrew U. & T.A. Univ., 62-; publ.: Banking Instits in Israel (Hebr., Eng.) Falk, 66; The Legal Framework of Econ. Activity in Isr. (Eng.), Praeger, 67; Flow of Funds in the Isr Economy (Heb.), Bank of I., 68; Fllw of Funds in Isr.-English Edit. Praeger, 70; recip. Peretz Naphtaly Award by Munic. T.A.

23 Etzel St., French Hill, Jerusalem; 227959.

HEXTER, Maurice B.; Ph.D.; Exec. Cnslt, Fed. of Jew. Philanthropies, NYC (p. Exec. Vice-Pres. of NY); Mbr Brd, Jew. Colonisation Assn, London; trustee: H. Raufman Fndn; Brandeis U.; Chmn: L. & S. Silberman Fund; Brd of Overseers, Florence Heller Sch. f. Soc. Work; Pres., Dominican Settlement Assn; b. 30.6.1891, Cincinnati, Ohio; ed.: Cincinnati U., B.A., 12; Harvard U., M.A., 22, Ph.D., 24; m.: Marguerite Mock; d.: Mrs Howard M. Cohen; wrote, Report of the Joint Palestine Survey Comm. which led to creation of the J.A.; p. rep. Non-Zion. in J.A. Exec. & Head, Colonisation Dpt, 30-38; dir. of emergency work in behalf of the "Yishuv" during the 1929 Arab riots & founder, Emica Org.; publ.: Children Astray; Soc. Consequences of Bus. Cycles; Juvenile Labor Market; sculptures exhib. in Israel: Bust of Avram Harzfeld (Agric. Exper. Station, Rechovoth); Mountainer (H.U.); Non Objective Sculpture (Hadassah Med. Sch.); priv. exhib., Whitney Mus., NYC; recip. Hon. Dr., — Brandeis U., Yeshiva U., Santo Domingo U.

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HEYMANN, Michael; Chem. Eng.; snr lctr, Chem. Eng., the Negev University, Beersheba; b. in Germany, 24.7.36; Isr., 37; p. teaching asst 60-62; U. of Oklahoma; reman, Okl., 65; M.Sc., Technion, 62; B.Sc., Technion, 60; m.: Alima Chernomorsky; 2 d.;

p. teaching asst 60-62; U. of Oklahoma research asst, 62-65; visit, asst. prof of chem eng, U. of Oklahoma, 65-66; research eng, Mobil Research & Development Co, Princeton, N.J., 66-68; snr research eng, ibidem, 68; B.Sc. cum laude, mbr Sigma xi (hon Sc Scty); publ, several scient papers in his field & in systems and control theory.
9, Shimony St., Beer Sheba; tel. 4806.

HILL, Moshe; Assoc. Prof.; head, Center f. Urban & Reg. Studies, Technion; Visit. Assoc. Prof., H.U.; b. 7.6.1930, George, S. Africa; to Israel, 1955; ed.: U. of S. Africa, B.Sc., 60; U. of Penna. — Master City Planning, 62; Ph.D., 66; m.: Judith Vivienne Brenner; ch.: Batsheva, Eliezer Gershon; chmn, Isr. Environment Assn; mbr, Isr. C'tee on biosphere & envir. qual.; p. Visit. Prof.: U. of N. Carolina; U. Coll., London; secr., S. Africa Habonim, 53-55; Wld Habonim Exec., 56-57; Isr. Ecolog. Scty; Am. Inst. of Planners; Assn f. civil rights; Knesset C'tee on envir. quality; lectures at U. & Confer. in USA & Europe on same matters; publ.: over 30 sci. papers in intl. & Isr. journ. & books; conslt. in Knesset reg. devel. plan; on Banyas reg. plan; on Eilat devel. plan.
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HILLEL, Arie; mech. & aero. engineer; Colonel (ret.); B.Sc., M.Sc., D.Sc.; Mng. Director & Dep. Chmn of the Board of Dirs, EL-OP — The Israel Electro-Optical Industry Ltd., 69-; b. Tel-Aviv; ed.: grad., mech. & aero. eng.; post-grad., aero eng.; D.Sc., theory of elasticity; m. Shulamit Gur-Arie; ch.: Orly, Itzhak; design eng., Eng. Dpt., Isr. Air Force, 49-54; post-grad., Coll. of Aeronautics, Cranfield, 54-56; Head of Eng. Dpt., IAF, 58-62; Dir. of Eng. & Logistics, IAF, 62-67; Dir of Procurement & Prod., Min. of Defence, 67-69; award: Design Prize, Coll. of Aeronautics; Off.: A.F.R.Ae.S., M.I.Ae.S.
14, Arazi St., Afeka, Tel-Aviv.

HILLEL, Daniel I.; Head, Dpt. of Soil & Water Sci., Prof. Soil Phys., Fcty of Agric., H.U.; b. Los Angeles, 13.9.1930; to Israel, 1951; ed.: Rutgers U., M.S. 51; H.U. Jer. Ph.D. 57; U. of California, Research Fllw, 60-61; m. Rachel Ukhmani; ch.: Adi, Ron, Sari, Ori; founding-mbr, kibbutz Sdeh-Boker, 52-56; Agric. Advisor, Gvt. of Burma, 57-58; Head, Div. of Soil Technology, Volcani I. of Agric. Res., 59-66; Visiting-Prof.: U. of Wisconsin, 68-69; U. of Georgia, 70; Japan Scty f. Promot. of Sci., 72; Catholic U. of Louvain, Belgium, 73; Agric. Res. Advisor, Gvt. of Cyprus, 71; Chmn, Isr. Soil Sci Scty. 62-63; Vice-Pres., Soil Physics, Intl Soil Sci. Scty, 64-68; publ.: "Soil & Water", Academic Press, N.Y. 71; "Optimizing Soil Physical Environment", do. 71-72; nearly 100 publ. in soil physics, land & water use in arid regions.
7, Shamir St., Afeka, T.A.; Tel. 419890.

HILLEL, Shlomo; Minister of Police, 69-; p. Ass. Dir. Gen., Ministry f. Foreign Affais, -69; b. Baghdad, 23.4.1923; m.: Temina Rosner; 1 s.; 1 d.; educ.: Hebrew U.; to Israel, 1930; active in illegal immigration, 46-53; M.K. (Mapai), second & third Knesset; Ambass. in Guinea, 59-61; p. Dir., African Dpt., MFA; p. Ambass. to Ivory Coast, Upper Volta, Nigeria & Dahomey; mbr, Isr. perm. delegation to U.N., 64-67; also co-ordinator of polit. contacts with Arab leadership in the Adm. Territories, 70-.
Jerusalem.

HIMMELWEIT, Hilde T. (née Litthauer); b. 20.2.1918, Berlin; Ph.D., London, 45; Fllw, Brit. Psychol. Scty, 52; Prof. of Soc. Psychol., London Sch. of Econ. & Pol. Sci., London U., 64- (Dir., Communication & Attitute Change Res. Unit, 70-; Chmn, Soc. Psychol. Dpt., 64-73); Dir., Nuffield Television Enquiry, 54-58; Res. Cnslt, Isr. TV Trust, 65-68; Chmn, Acad. Advis. C'tee, Open U., 69-; mbr: Res. Brd, Inst. of Jew. Affs, 66-; Cl. of Inst. of Race Relat., 66-72; Advis. Panel of Intl Cl. of Museums Natl C'tee f. Ed. in Mus., 66-69; US Soc. Sci. Res. Cl. C'tee: TV & Soc. Behaviour, 73; assoc. edit., Communication Research, 72; mbr edit. brd, Journal of Communication, 73; trustee, Intl Brdcast Inst., 73; publ.: writings on psychol. & sociol.
154 Oakwood St., London W14, England.

HIRSCH, Abraham; General Secretary, mbr, World Exec., Agudath Israel World Organization; mbr, Editorial Brd "Hamodia", b. Duisburg (Germany), 1913; m. Miriam Kanarek; 2 s.; Daniel, Eliahu; 2 ds.: Zehava, Hanna; educ.: Breuer Yeshiva, Frankfurt a/M p. chmn, "Ezra" Educational Fund, Germany; to Israel, 1933; numerous missions abroad on behalf of Agudath Israel.
11 Bnei Brith St., Jerusalem. Tel. 233491.

HIRSCH, Foca; Eng.; President, "Irgun Yotsei Rumania" (Org. of Rumanian Jews); b. Rumania, Feb. 6, 1908; educ.: Reggia Scuola d'Ingegneria, Turin; in Israel, 1934; owner and managing Director, "CIDEV" — Commercial and Industrial Development Co. Ltd., Tel-Aviv; active in heavy industry, aviation, shipbuilding, electronics and nucleonics; liaison representative f. Vickers and other leading British, French, Italian and American manufacturers.
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HIRSCH Jakob; lawyer; Assist. Gen. Mng., Bank Leumi LeIsrael, 72-; p. Dir. Gen. of the State Comptroller's Of.; b. Halberstadt (Germany), June 23, 1924; m. Shoshana Rose Bilsky; 1 s.; 2 d.; educ.: Govt. Law Classes, Hebrew U., Jerus.; to Israel, 1935; on staff of State Comptroller's office, 50-72.
7 Magnes Sq., Jerusalem.

HIRSCH, Richard; Rabbi; Exec. Dir., World Union for Progressive Judaism; Dir.: Relig. Action Center, Un. of Am. Heb. Cngrns; comm. on Isr. of Reform Judaism; mbr: Zion. Exec., Exec. of J.A.; lctr in soc.

ethics, HUC; b. 13.9.1926, Cleveland, Ohio; to Israel, 1973; ed.: U. of Cincinnati, B.A., 47; HU Jer., 49-50; HUC, ordained rabbi, 51, M.H.L. (hon.); m.: Bella Rosenzweig; 1 d.: Ora; 3 s.: Raphael, Ammiel, Emmet; secr., Americans Against Poverty; chmn, Washington coord. c'tee of confer. on Soviet Jewry; mbr: exec., leadership confer. on civil rights; many boards on housing, intl devel., etc.; publ. books: Judaism and Cities in Crisis; There Shall Be No Poor; The Way of the Upright; numerous articles.
13 David Hamelech St., Jerusalem.

HIRSCHBERG, Haim Zeev; Ph.D.; Prof.; Rabbi; ret., p. head Department of Jewish History, Bar-Ilan U.; b. Tarnopol (Poland), 1903; educ.: Vienna U.; Rabbinical Seminary, Vienna; to Israel, 1943; author of "Israel in Arabia"; Juedische und Christliche Lehren im Vor — und Frueh — Islamischen Arabien"; "History of the Jews in North Africa", etc.
13 Shamai St., Jerusalem.

HIRSCHFELD, Herbert; pres., Venezuelan Keren Hayessod-UIA f. 1969; businessman; b. in Duisburg, Germany, 18.1.1920; att. primary, second. & high school; m.: Dorit Frankenstein, 17.2.1951; ch.: Irene, Anita, Ricardo; pres., Caracas chpt., 1975, of Bnai Brith f. 1963.
4, Avenida de Los Palos Grandes, No. 100 Quinta "Mi Rancho", Caracas, Venezuela.

HIRST, Eugen; Keren Hayessod-UIA Commissioner f. New Zealand; mbr KH Directorate, 54-59; pres. Zion. Council, New. Z., 60-63 and again from 68-72; p. vice-pres. Auckland Zion. Scty; mng. dir., N.Z. Contact Lens Supplies Ltd, Mortimer Hirst Optician Ltd, Hirst Contact Lens Ltd, Prostetic Processes Auckland; Justice of the Peace; b. in Budapest, 16.3.1911; m.: Jana K. Tanzer, 1938; d. Yvonne Ann Robinson; mbr. B'nai B'rith Lodge, Auckland; mbr, Rotary Intl.; pioneer in the field of contact lenses in N.Z.
41 Almorah Rd., Auckland 3, New Zealand.

HOCHMAN, Abraham; M.D.; B.Ph.; Prof. of Oncology; Head, Dpt. of Oncology; b. Lodz, 1910; m. Dr. Shoshanah Levy; 1 s.; 1 d.; educ.: Paris U.; to Israel, 1924; treatment of neopl. diseases; clinical res., cancer & radio-biolog. probl., particularly of blood; mbr, British Institute of Radiology; Chmn: Isr. Scty f. the Study of Cancer; Sci. Cl. of Isr. Roentgenol. Scty; mbr.: Am. Scty of Clin. Oncol.; Japan. Scty of Cancer; Europ. Scty of Cancer Res.; Int'l Coll. of Surgs.; mbr, New York Academy of Science; mbr., Int'l Club of Radiotherapists.
6 Marcus St., Jerusalem.

HOD (Fein), Mordechai; Aluf, p. Com. Israeli Air Force; b. Degania, 1926; educ.: Agricultural College; served with Haganah, Palmach; one of Israel's first pilots; various commands in Israel Air Force, -73.
Degania.

HODES, Lionel; lawyer, notary, conveyancer; Gen. Secr., S. African Zion. Fed.; b. 17.3.1924, Somerset East, S.A.; ed.: Witwatersrand U. — B.A., 46, LL.B., 54 (aw. "Scholar"); m.: Ruth Levin; 2 d., 2 s.; p. mbr, Natl Cl., Poalei Zion of Gt. Britain; exec. mbr, "League f. Haganah", 48; First Chmn, Mahal Assn, S.A.; w. the 6th S.A. Armoured Div. in Italy, 44-45; volunteer, Isr. War of Independence, 48-49; mbr, Natl Cl., S. African Jew. Ex-Service League; S. African Jew. Hist. & Sociological Scty; Un. Zion. Assn; Labour Zion., S.A.; lctr, S.A., Rhodesia, Zambia & Gr. Britain; contrib., Jew. & Non-Jew. Press, S.A., Gr. Britain, Isr.; recip.: Italy Star; 39-45 Star; War Medal, 39-45; Africa Service Medal; Israel Fighters' Award.
P.O.Box 18, Johannesburg, South Africa.

HOENICH, P.K.; painter; Professor, Faculty of Architecture, Technion; b. Cernauti, March 13, 1907; m. Ruth Grieshaber, 1 s.; educ.: Vienna, Florence and Paris Art Academies; Exhibitions of paintings in Israel, Britain, France, Belgium, USA, Canada, South Africa; to Israel, 1935; books (series of graphics): "The Road of Suffering"; "The Unknown Halutz"; "David, King of Israel"; "Robot Art", "Design with Sunrays", & others research works; abstract art films.
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HOFFBERGER, LeRoy E.; attorney; mbr, Exec. C'tee UJA; trustee, UIA; mbr advis. brd, Isr. Ed. Fund; brd of dirs, Am. Jew. J.D.C.; 1st vice-pres. & brd mbr, Assoc. Jew. Charities of Baltimore; ed.: Princeton U., B.A. 47; U. of Maryland Law Sch., LL.B., 50; m.: Hildegard; 2 ch.: Jack, Douglas; p. chmn: Real Estate C'tee & Central Plan. C'tee, AJC; p. co-chmn, C'tee of Concern f. Waters AME Church; p. brd mbr, Maryland Sch. f. the Blind; p. mbr, Cl. of Jew. Feds & Wlfr Funds C'tee to study mental impairment of the aged; pres., Levindale Heb. Home & Infirmary, 64-65; vice-chmn & mbr steering c'tee, Combined Campaign, Assoc. Jew. Charities & Jew. Wlfr Brd, 66-67; chmn, Assoc. Jew. Charities & Isr. Emerg. Fund Campaigns, 68 (co-chmn, 69); chmn, Dinner C'tee of NCCJ, 71; pres., Hoffberger Fndn Inc.; pres. & dir.: Real Estate Holding Co., CPC Inc.; dir.: National Brewing Co., Equitable Bancorporation & Equitable Trust Co., Walters Art Gall.; brd of gvnrs. chmn, Finance C'tee of St. John's Coll., Annapolis; mbr. perm., Endowment C'tee, Baltimore Symphony Orch.; trustee, Realty Growth Investors REIT.
900 Garrett Bldg, South & Redwood Streets, Baltimore, Maryland 21202, USA.

HOFFI, Itzhak; Aluf (Major General); C.O. North. Com., 72-; b. 1927, Tel-Aviv; Joined Palmach (Hagannah unit), 1944, and through several comm. courses; 48, War of Indep., in comm. of a co., 1st Reg. Palmach, "Yiftach" Brigade; 48, in comm. of Officers' School; later, operations off. under

Yigal Alon & Moshe Dayan; particip. reg. comm. courses, app. second in comm. of Off. School; regim. comm., Ghivati Brigade; particip. first course of Staff School; app. instructor to 2nd course thereof; 56-57; sec. in comm. Paratroopers; off., operations dpt., Central Command; O/C., Officers' School; Brigade Comm., Paratroopers; studies in USA; app. head, operations dpt., HQ.; app. Aluf Mishneh, 1961; assist. to Head, HQ. branch; app., August 69, head Training Dpt., HQ.; m.; 2 ds.
I.D.F.

HOFFMAN, Itzhak; Chemical Engineer; Dir., Industries Development Corporation Ltd., Haifa; b. 1926, Poland; to Israel, 1935; ed.: Technion Haifa; Columbia U., New York; m.: Eva Gross; 4 d.: Aviva, Naomi, Tova, Aliza.
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HOFFMAN, Philip; lawyer, busin. exec.; US Rep. on Human Rights Comm. of UN; LL.B; Pres., Am. Jewish C'tee, 69-; b. N.Y.C., 2.10.1908; ed.: Dartmouth Coll., A.B. (cum laude), 29; Yale U. Law Sch., LL.B., 32; m. Florence Lehman, 1933; s. David L.; d. Lynne B. (Mrs. Roger L. Manshel); admitted to N.Y. bar, 33; corp. law prac., 33-42, 45-; partner Goodell, Hoffman & Spark, 37-42; Hoffman & Tuck, 62-; chmn. exec. comm. US Realty & Investment Co., Newark, 62-, also dir.; dir., Comml. Mortgage Co.; Ray Miller, Inc.; Realty Capital Corp. Ltd., Toronto, Ont., Can.; Mem. N.J. Comm. on Civil Rights, 62-; Bipartisan Conf. on Civil Rights, 60-; N.J. Adv. Com. to US Comm. on Civ. R., 64-69; co-chmn. housing com. Com. of Concern, Newark, 67-69; chmn., brd of govrnrs AJC, 63-67; chmn. natl. exec. brd, 67-68; asst. gen. counsel War Prod. Brd, Wash., 42-45; hearing commr. Natl. Prod. Auth., 50-53; chmn. coord. comm. Retail Jewelry Indus., 54-60; hon. chmn. Appeal f. Human Relat., 62-; m. exec. comm. Natl Community Relations Adv. Cl., 66-; Am. Israel Pub. Affairs Comm., 69-; trustee: Leonard M. Sperry Research Center, East Orange Gen. Hosp.; Jew. Community Cl., Essex County N.J. (chmn. Community Relations Cl., 60-63); mbr: Am. Bar Assn; Assn Bar City N.Y.; N.Y. County Lawyers Assn; Phi Beta Kappa; Technical Assist. C'tee, 69 White House Conf. on Children; Liaison C'tee, Friends of the Alliance Israelite Universelle; mbr of Clubs: Down Town (Newark), Mountain Ridge County (Caldwell, N.J.), Essex (Newark); "Adult Sponsor", Youth C'tee f. Peace & Democracy in the Middle East; recip., numerous awards in human relations field.
218, N. Woods Dr., South Orange, N.J. 07079; Office: 972, Broad St., Newark 07102, USA.

HOFFNER, Dan H.; artist; Director, Bezalel School of Arts & Crafts; b. Leipzig, 1921; m. Eva Loewy; 1 s.; 1 d.; educ.: Bezalel School; taught in elementary, secondary & Art Teachers' Seminary; served as Art Inspector, Ministry of Education & Culture; developed new methods of art education & wrote on these subjects in several languages; exhibited in Israel, U.S.A., Europe & Australia.
17 Golani St., Ramat-Gan, tel. 745817.

HOFMANN, Akiba; Dr. jur.; advocate & notary, in private practice, 1941-; mbr, Tel-Aviv Munic. 65-69; mbr, Executive C'tee, Israel Liberal Party; Congress Court, World Zionist Organization; Chmn, Liberal Pty, Tel-Aviv Branch; Chairman, Ass'n of Central-European Olim, Lib. Pty; b. Kostel (Austria), Sept. 27, 1911; m. Hilde Kaufmann; 1 d.; educ.: Frankfurt, Vienna, Munich and Basel U.; on missions on behalf of United Israel Appeal to Far East, Cyprus; Germany; delegate to Zionist Congresses, since 1961; mbr, Brd of Dirs, "Hamifde Haezrahi", "Shikun Haezrahi"; "Amer.-Isr. Phosphate Corp."; Hotel "Queen of Sheba" Ltd.; etc. articles on legal & gen. topics; decorated by the Pres. of German Federal Republic, 70; mbr, Rotary Club, Tel-Aviv—Jaffo.
6 Adam Hacohen St., Tel-Aviv.

HOFSTADTER, Robert; Prof. of Physics; Nobel Prize winner (Physics, 1961); mbr brd of gvrnrs, Weizmann I. of Science, 67-; b. in NYC, 5.2.1915; m.: Nancy Givan; ch.: Douglas, Laura, Mary; Dir., High Energy Physics Lab at Stanford U., 67-; educ.: City Coll., City U. of N.Y., B.Sc. (magna cum laude); recip., Kenyon Prize in Math & Physics & Coffin Fllshp, by GE; 35-38, grad. student of phys. at Princeton U., M.A., Ph.D. (on infra red spectra of simple org. molecules and, in partic., partial elucidation of the structure of the "hydrogen bomb"; 38-39, Procter Fllshp, f. post-Ph.D. work; 39,40, Harrison Fllshp at Penna U., helping construct large Van de Graaf machine f. nucl. research; 41-, worked at Natl Bureau of Standards, later at Norden Lab. Corp, helping develop servo systems, automatic pilots f. aircraft & radio altimeter devices, 46-, Assist. Prof. of Phys., Princeton U., carying out research on the Compton effect, crystal conduction counters, scintillation counters, detection & measurement of energies of gamma rays; 48, discovered NaI (Tl) as scintillation counter, & 1950 (with J. A. McIntyre) proved use as gamma ray spectrometer; 50-, Assoc. Prof. of Phys., Stanford Univ., 54-; app. Prof., 67-, dir. in pres. position; 51-53, p. Assoc. Editor, Review of Sci Instruments; 58-61, dtto of Reviews of Modern Physics; editor, Investigations in Phys. & assoc. edit. of Il Nuovo Cimento; Gugenheim Fllyshp, at Cern, Switzerland, 59-64; Natl Sc. Fndn, snr postdoct. fllwshp, at Imperial Coll. U. of London, 65-66; mbr Natl Acad. of Sc. USA, 58; hon., California Scientist of the Year, 59-; degrees & hon. degrees: The Townsenr Harris Medal & L.L.D., the City College of the City Univ. of New York (1962); D.Sc., Gustavus Adolphus College, St. Peter, Minnesota (1963); "Laurea Honoris Causa", University of Padua (1965); D.Sc., Seoul National University, Seoul, Korea (1967); D.Sc., Carleton University, Ottawa, Canada (1967); and „Honora Causis", University of Clermont, Clermont-Ferrand, France (1967); publ.: over 200 pa-

pers; co-author (w. Robert Herman) "High Electron Scattering Tables" (1960, Stanford U. Press); editor, "Electron Scattering & Nuclear Nucleon Structure" (N.Y. 1963); co-edit., Nucleon Structure (w. W. A. Benjamin, 1963).

639, Mirada Ave, Stanford, Calif. 94305. U.S.A.

HOFSTATTER, Osias; artist, painter; b. 28.12.1905, Bochnia, Poland; m. Anna Maria Shebesta; ed.: Vienna, Rotterdam, Frankfurt a/M; Zurich Munic School f. Practical Art; Academy f. Applied Art, Vienna (-38); jailed by Gestapo, then fled to Luxemburg, Brussels, 38; deportation (as "German Spy...") to concentration camps, St Cyprien, Gurs, 40-42; escape to Swiss, studies, 42-45; studies in Vienna, 46; teaches art in Warsaw, 49-57; to Israel, 57; mbr, Isr Painters & Sculptors Assn, receives Holon Prize f. Art, 63; Min. of Educ. & Culture Prize (Migdal David exhib.), 67; One Man show, Museum of Modern Art, Haifa, 68; & at Museum Israel, 68; exhibs: Biennale of Sao Paulo, 71; Gall. Welz, Salzburg, 72; Camden Arts Center, London, 73; publ. by Isr. Museum, Jerusalem, a collection of drawings; at Yad Vashem & at Kibbutz Lohamei Hagetaot, drawings done in concentration camps.

5, Wolfson St., Nevé Itamar, Nathania.

HON, Shaul; journalist, advocate; member, Editorial Board, "Maariv"; b. Poland, June 6, 1922; m. Hanna Meltz; 2 d.; educ.: Hebrew & Tel-Aviv Universities; to Israel, 1924; on editorial staff, "Davar", 1945-51; edited "Shahmat", the chess monthly magazine, 1946-47; broadcaster, Haganah underground station, "Telem-Shamir-Boaz"; author of "Theory of Openings"; "The End-game in Chess", "Long Live The King" & "King's Men"; chess books; "A Little Bit O' Luck", (History of Israeli Lottery); "Helmets On the Jordan" (Six Day's War", 1967); "Battle Royal" (Fischer-Spassky).

11 Gottlieb St., Tel-Aviv.

HORN, David; physicist; Assoc. Prof.; b. Haifa, Israel; ed.: Technion Haifa, 57-62; H.U. Jer., 62-65; m. Nira Fuss; s. Yuval; d. Tamar; research: Argonne Natl Lab., Ill. USA, 65-66; Cal. Inst. of Techn., Pasadena, USA, 66-67; Assoc. Prof., Tel-Aviv U., 67-69; numerous publications on physics subjects.

79, Hauniversita St., Ramat-Aviv.

HORN, Shimon; M.Sc. (Econ.); Mng. Director, "Israel Investors Corporation", 61-; b. Vienna, 25.8.1919; to Israel, 1937; ed.: Roosevelt U., Chicago U., USA; m.: Alice Bugeslov, 1945; 3 ch.: Armonit, Galiah, Oud; founder, editor, "Ashmoret" (weekly of Young Mapai), 45-48; J.A. deleg. to Hechalutz Youth Mov., USA, 50-53; Econ. Cnslt. to the Min. of Fin., 53-57; Mng. Dir. Israel Investment Auth., S.O. & No. America, 57-61.

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HORNBLASS, Albert; M.D., ophthalmologist; b. Brooklyn; att. Yeshiva U., U. of Cincinatti Med. Sch.; city chmn, UJA's Young Leadership div. N.Y., 68-69; Natl UJA Young Leadership Cl.; Exec. C'tee of the Am. Physicians fellowship of the Isr. Med. Assn; several visits to Isr., work at Hadassa U. Hosp., Jer.; mbr Brd of Dirs, HIAS; Natl Cen. f. J. Pol. Stud., Washington D.C.; Research Award by Maimonides Hosp., 66; do., by the N.Y. Acad. of Med., 68; Fllw, Am. Acad. of Ophthalmology & Otolaryngology, 69; rank of Major, US Army; Assist. attend.: Manhattan Eye & Ear Hosp.; Roosevelt Hosp.; Assist. Prof. of Ophtalmology, State U. of N.Y.; Jewish Lav Leader & acting Jew. Chaplain, South Vietnam, 69-70; awarded Bronze Star & Vietnamese Medal of Hon., 1st class.

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HORNBLASS, Jerome; chmn. Young Leadership div., UJA of Brooklyn, Queens & L.I.; Att. at Law; B.A.; B.H.L., Dr. Juris; b. in Brooklyn, N.Y., 20.6.41; ed.: Yeshiva U., Erna-Michael Coll. f. Hebraic Studies of N.Y.U.; Brooklyn Law School; m.: Ann Herman, 1.9. 68; mbr, A.J.C.; spiritual leader, Civic Center Sng, White St., N.Y.; delegate, Conference on Human Needs in Israel, June 1969; Assist. Corporation Counsel of the City of N.Y. & Alternate Delegate to the State Judicial Convention.

231, East 76 th St., New York, N.Y.,

HORNSTEIN, Lea; Ph.D. (microbiology); Head, Dpt. of Serology, Central Lab. of Kupat Holim, Haifa, 56-; b. Israel, 14.8.1927; ed.: Reali Sch., Haifa; H.U., Jer.; mbr, Scty of Microbiology, Israel; publ.: Studies of Antistreptolysin O Titers; Diffusion — precipitin studies of the somatic antigens of Salmonella typhi; 6 research works jointly with others.

14, Zerubabel St., Haifa; Tel. 244987.

HOROVITZ, Yosef; Chmn, Secretariat, "Dan" — Cooperative Society for Public Transport Ltd.; b. 10.5.1933, Israel; married; 1 son; 1 daughter.

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HOROWITZ, David; Chmn, Advis. C'tee & Cl., Bank of Israel, 71-; Gvrnr, Bank of Isr., 50-71; Governor for Isr., International Bank for Reconstruction & Development; Intl Finance Corporation and Intl Development Assn; Chmn, Brd of Dirs, Eliezer Kaplan School of Economics & Social Sciences; p. mbr, State Cl. for Higher Education; economist; mbr, Board of Governors, Hebrew University; mbr, Exec. Council, Weizmann I. of Science; mbr. Brd. of Trustees, Truman Center for the Advancement of Peace; Hon. Pres., Istituto per le Relazioni Internazionali (Rome); Doctor Honoris Causa,

H.U.. 67 & Tel-Aviv U., 70; journ., writer; p. Dir. Gen., Ministry of Finance; p. economic adviser, Govt. of Israel; b. Drohobycz (Poland), Feb. 15, 1899; m. Riva Bobkoff; 1 s.; educ.: Lwow and Vienna; Director, Economic Dept. Jewish Agency, 1935-48; Liaison Officer to UNSCOP, 1946; member, Jewish Delegation to Lake Success (U.N. Partition Resolution), 29.11.1947; p. lecturer, School of Law and Economics, Tel-Aviv; negotiated, British Govt, claims & counterclaims by Great Britain and Israel after termination of British rule in Palestine; initiated Indemnity Claims from Germany, 1950; several publications, dealing with the economy of Israel; author, "Horowitz Plan" for financing of development of underdeveloped nations; Awarded Israel Prize, 1968. Dr. Hon. Causa - H.U. Jer. & Tel-Aviv U.; author: Economic Survey of Palestine; Ha-kymum Ubeayotav Baolam Uve'Eretz Israel; Ha-kalkala Ha-Eretz Israelit Behitpathuta, 48; State in the Making, 53; The Abolition of Poverty, 69; Ha-etmol Sheli, 70; The Enigma of Economic Growth the case study of Israel, 72.

4 Halamed-He St., Jerusalem.

HOROWITZ, Edward; Educator, Author, Rabbi; M.H.L.; Instructor in Hebrew, Am Coll., Jerus., Lectr on Hebrew, Kol Israel; b. 1904, N.Y.C.; Rabbi, 27; B.A., N.Y. U., 24; M. A Columbia U., 27; JTSA-DRE, 46; m.: Sylvia Solomon; ch.: Tamar L. Kagan, Carmy, Hadassa Lewis, Jonathan; p. Rabbi, Bnai Israel of Woodhaven, NY; p. chmn, dpt of Hebrew at Thomas Jefferson H.S.; to Israel, 1967; p. Pres, Am Assn of Hebrew Teachers; publ.: Sippurim Kalim, 42; How The Hebr Language Grew, 60; Sippurim La-Talmid, 68; Hebrew can be fun, 74; lecturing throughout Israel on these topics; Jerusalem Post column.; etc.

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HOROWITZ, Menashe; Ph.D., Ingénieur agricole; Dir., Div. of Weed Research, Volcani I., 62-; b. Vienna, 1929; to Israel, 1953; ed.: Ecole Nationale d'Agriculture, Grignon, France (Ing. agr.); Paris U., Sorbonne (Licencié-es-Sciences); H.U. Jer. (Ph.D.); m. Rivka Steinberg, 1955; d.: Daphna, Yael; Pres., Isr. Weed Science Scty, 67-70; organized weed research in Israel, w. special emphasis on introduction & residue of chemicals.

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HOROWITZ, Mordechay; administrator; mbr, Secretariat, "Merkaz Histadruth Hapkidim" (Clerks' Org. Centre); chmn, Histadruth Workers' Unit; mbr, trustees brd, "Midrasha Le'Minhal" (Admin. Coll.); mbr, Histadruth Cl.; brd of dirs: Keren Hagimlaot Hamerkazit; Centre f. Soc. Security; centre & secr., Histadruth Hapkidim; b. 23.8.1912, Poland; to Israel, 1939; ed.: grad. Technion, Vilna; Tel-Aviv U. (Econ.); m.: Frida Israelit; 3 s.; missions to Europe: on behalf of J.A., 46-49; on behalf Haichud Haolami & K.H.; p. mbr, Mapay Centre; p. secr: Mapay, T.A.; Bnai-Brak Cl.; deleg., Zion. Cngs; author: "Maarechet Hapensia Shel Haovdim Be'Israel"; articles in related topics.

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HYMAN, Ann, Dr.; Mbr WIZO Wrld Exec C'tee; Chmn, Council of Women's Organizations in Isr.; p. chmn, Israel's Assn of University Women; b. in Swabsea, Wales, U.K.; m. to Mr. S. M. Hyman; 3 sons; grad., M.D. Univers. College Hospital, London.

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Secry Polit Repres of Polish Jewry (37); p. Secry Gl, Org of General Zionists in Poland (38-39); repr of the Jewish Agncy f. Pal in the Far East (40-46).
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JACOBSON, Moshe; musician, conductor, composer; Supervisor of Music Ed., Min. of Ed. & Culture, 54-; b. Petach-Tiqva, 30.1.1921; elemn., HS & Conservatory, Israel; T.A. & N.Y. U-ties, B.A.; Master of Music, Univer. of Michigan, USA; m. Hanna, 1949; s. Ofer; d. Carmith; music. dir. & conductor, Israeli Mandolin Ensemble; dir. "Widening Horizons" project f. culturally deprived children; dir., teachers' summer courses (Histadruth) f. plucked instruments; p. teacher at Shfeya Childrens' Village; p. cond. of a chamber-choir in T.A. & choirs and orchestras in the Kibbutzim; mbr.: Isr. League of Composers, "Acum," Brd of Trustees & Adm. Brd of "Amli"; cnslt f. Isr. music, American Book Comp., 71; compiled many books of mandolin & guitar methods, graded material f. mandolin orchestras; arrangements f. chamber-orch.; composed folk-type songs (one of them became world famous: "Hine Ma Tov"); awarded: Phi Kappa Phi hon. (as an exceptional student at the U. of Michigan); Golden Medal & 1st Prize f. Performance at the World Music Contest, Kerkrade, Holland 70 (w. the Israeli Mandolin Ensemble).

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JAFFE, Benjamin; M.A., M.Jur.; Dir., Dpt for External Relations, W.Z. Org.; b. Jerusalem, 30.1.21; educ.: Hebrew U. (Humanities, Law Faculty); married; 1 daughter; w. British Army (RAOC), 42-46; Sec. Youth Aliya Manag., 48-52; Legal Secr., Supreme Court, Jerus., 52-56; Repr., Jew. Agcy, Canada, 58-60; Dep. Edit., "Encyclopedia Judaica"; Brd. of Dir., "Dvir"; Isr. Comm., Unesco; Exec. mbr, Isr. Interfaith Comm.; Exec., Israel U.N. Assn; publ.: "The Rabbi of Yahud", 57; "Herzl Reader", 60; "B. Disraeli", 60; co-editor, "Sefer Hakongress", 51; ed.: two vol. of Leib Jaffe papers, diaries & letters, 64, 68; "Herzl and the British Press (1895-1904)", mans.

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Matricul.; courses & smnries in real estate matters; m.: Aviva Furchtsam; 2 d.: Orna-Ruth, Daphna; served Isr. Air Force (rank of Captain); mbr: RAF Assn, Isr. ex-serviceman assn; articles on real estate in gen. & prof. publ.; recip.: Isr. & British war ribbons, Medal of Merit FIABCI, Medal of Service NAREB, Spanish Medal of Hon., Itur Lohamei Hamedina, etc.
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State U., 65-66; Snr Fllw, Res. Inst. on Communist Affairs, Columbia U., N.Y., 68-70; publ.: The Ethical Foundations of Marxism, 62, 72 (Japanese ed., 61; Spanish, 72); Marxism and Ethics, 69 (Japanese, 71); The Philosophy of Ludwig Feuerbach, 70; Marxism and the Theory of Law (in collab. w. Dr. Alice Erh-Soon Tay), 73; edit.: A World in Revolution?, 70; Paradigm for Revolution? The Paris Commune 1871-1971, 72; The Portable Karl Marx, 73; Nationalism - The Nature and Evolution of an Idea, 73; Contrib. to books & period. on soc. philos. & the history of ideas.
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KANE, Irving; B.A., LL.B., L.H.D.; att. at law, 30-; b. Kiev, Russia, 24.1.1908; ed.: general & law; m. Adeline Faller, 1932; d.: Mrs. M.D. Kraft; Mrs. E. S. Raffel; Chmn, Am. Isr. Public Affairs C'tee; Vice-Chmn, Am. Jew. JDC.; Trustee Emeritus, Brandeis U.; mbr.: Brd of Gvrnrs, AJC; Brds of Dirs: Am. Friends of H.U.; Am. ORT Fed.; Brd of Trustees, UIA; Exec. Cl., Am. Jew. Hist. Cl.; Life-Dir., CJFWF; Life-Trustee (p. Vice-Pres. p. Pres. Community Cl.), Jew. Community Fed., Cleveland; UJA, Campaign Cabinet; Gen. Assembly, Jewish Agency for Israel; p.: Chmn, Natl Jew Community Relations Adv. Cl.; Asoc. Chmn, Am. Jew. Tercentenary; Pres., Cl. of Jew. Feds & Wlf Funds; Chmn, C'tee on Overseas Serv. of CJFWF; Brd of Trustees, Union Am. Heb. Cngrns; mbr, Community Relations Brd, City of Clev., 50-61; Chmn, Public Wlf C'tee, Wlf Fed. of Clev., 65-68; Brd of Dirs, Ohio Citizens Cl. f. Health & Wlf, 65-68; awarded: Gold Certificate of Merit f. Exceptional Service to American

Jewry by Jewish War Veterans of the USA, 52; Haym Solomon Award of Delaware, 62; Eleanor Roosevelt Humanities Award, 64; Distinguished Service Award — the Un. Appeal of Greater Cleveland, 68.
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KANTER, Albert Lewis; publisher; chmn Brd, Gilberton Comp. Inc.; mbr, Brd of Gvnrs, Israel Bonds, NY; mbr & trustee, Sutton Place Syn.; co-founder & trustee, Boys Town, Jer.; brd mbr, Bank Adanim, T.A.; b. 13.4.1897, Baronovitch, Russia; m.: Rose Ehrenreich; ch.: Hal, William E., Saralea K. Emerson; p. Pres., B'nai B'rith Beekman Sutton Lodge; founder & publ., Classics Illustrated, 39-; publisher, Merit, magazines line; mbr, Publishers Assn; recip,. State of Isr. Plaques, Citations & Aw., Boys Town, Jer., honored by State of Israel on several occasions.
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KANTER, Joseph H.; National Chairman of the United Jewish Appeal; p. Natl Chairman Young Leadership Cabinet United Jewish Appeal; National Chairman, Isr. Education Fund; Trustee, United Israel Appeal; Hon. Pres. of American Friends of Tel-Aviv University; Pres. Kanter Corp.; Chairman: Board of Savings Financial, Board of ITI Corporation; Dir.: American Committee f. Weizmann Inst. of Sci., Ohio Council, Economic Education; Local Jewish Welfare Fund; American Jewish Committee; Exec. Committee of State of Israel Bonds; p. Chairman Anti-TB League Christmas Seal Campaign; served as Finance Chairman of the U.S. Committee for the United Nations in both Florida and Ohio; ed.: U. of Alabama & Georgetown U. in Wash. D.C.
Cincinnati, Ohio, USA.

KANTOR, Menachem; eng. Govt. Water Commissioner; b. Russia, 3.12.1921; m. Yehudit Einhorn; 1 s.; 3 d.; educ.: Technion, Haifa; engaged in planning of water projects, Mekoroth Water Co., in charge of planning, Tahal, 1952-56; Deputy Water Commissioner, 1956-60.
Kibbutz Maagan Michael.

KANTOR, Samuel; B. Sc.; M.A.E.A.I.; eng.; Dep. Dir Gen., Mekoroth Water Company Ltd.; Head, Israel C'tee Intern. Commission on Irrigation & Drainage; b. Bialystok, 15.1. 1923; m. Devora Abovitz; 2 s.; educ.: Technion, Haifa; to Israel, 1934; p. Assist Dir. to Planning Dpt., 48; Dir of Gen. Planning Dpt., 52; Dep. Chief Eng., 54; Chief-Eng., 61; Dep. Dir General (Engineering), 68; publ.: "The Study of Strength of Materials"; "Technical Mechanics".
31, Havevadim St., Ganei Yehuda.

KANTOR, Shraga; Councilman T.A., 55-69; Vice Mayor, 68-69; labor leader, Secr. Gnrl. of Electricity employees, southern group; repres. workers, on the mngmnt of the Electric Corp., 1964-; mbr. central citee Labor pty; mbr. Labor Council Tel Aviv; b. 31.12.-1909, m.; Rahel Schmigelsky; 2 ch.: Daniel, Nizza; volunteered, British Army, 41-46; mbr of leading bodies in the Histadrut; reelected Dep. Mayor, 69-.
10 Bodenheimer St., Tel-Aviv; tel. 443786.

KANTOROWITZ, Dov; M. Jur.; Controller of Foreign Exchange, Min. of Fin. (p. Dep. Head, Bureau of Budgets); brd chmn, Bank Le'Melacha; brd mbr: I.P.D., Bank Hassapanut; Isr. Frgn Trade Insur. Comp.; b. 1935, Jerusalem; ed.: H.U. Jer. Fcty of Law, 54-58; Econ., 62-63; m.: Ruth Sasson; ch.: Tamar, Zvi; p. Head, Job Classification Dpt., Civ. Serv. Comm.
17 Ussishkin St., Jerusalem; tel. 36556.

KANTROWITZ, Adrian; M.D.; chmn, Dpt. of Surg., Sinai Hosp., Detroit, 70-; b. 4.10.1918, New York; ed.: New York U., B.A., 40; Long Island Coll. of Med., M.D., 43; Jew. Hosp. of Bklyn, 44; U.S. Army, Major, Med. Corps, Battal. Surg., 44-46; Mt. Sinai Hosp., N.Y.: Assist. Res. Surg., Assist. Res. Pathol., Chief. Res. Surg., 48-50; m.; 3 ch.; appointments as surg. in various N.Y. hospitals, 51-; Teach. Appointments in physiol., surg. Prof. in U.S. Med. Colls.; edit. brd of med. journals on cardiology, biomaterials, med. devices & artificial organs, heart transplant.; Am. Brd of Surg. dipl.; Brd of Thoracic Surg. dipl.; Flw: N.Y. Acad. of Sci.; Am. Coll. of Surg.; mbr: Am. Coll. of Surg.; Am. Heart Assn.; Cl. on Cardiovascular Surg.; Am. Physiol. Socty; Am. Socty f. Artif. Internal Organs; Intl Socty of Angiology; Advis. C'tee in Gen. Surg., etc.; 17 awards & honors; 186 publ.; 5 exhibits in USA & Moscow; 11 films on surg. & transplant.
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KANTROWITZ, Arthur; Ph.D., Physicist; Dir., Avco Everett Research Lab., Mass., 55-; V.P. & Dir., Avco Corporation, 56-; mbr, Brd of Govnrs, Technion Haifa; b. New-York City, 20.10.1913; d.: Barbara, Lore, Andrea; phys., Natl Advis C'tee f. Aeronautics, 36-46; Prof. of Aeron. Eng. & Eng. Phys., Cornell U., 46-56; fllw: Am. Astron. Scty, Am. Inst. of Aero. & Astronautics, Am. Acad. of Arts & Sci., Am. Assn f. the Advancement of Sci.; mbr: Natl Acd. of Sci., Am. Physical Scty; trustee, Theodore von Karman Memorial Fndn, Inc.; hon. trustee, U. of Rochester; Visit. Inst. Prof., MIT; Visit. Lctr, Harvard U.; mbr, edit. advis. brd of "Industrial Research"; Fulbright & Guggenheim Fellowships, Cambridge & Manchester U-ies, 53, 54.
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KAPLAN, Abraham; Prof. of Philosophy & Sociology, Haifa U.; b. 11.6.1918, Odessa, USSR; to Israel, 1972; ed.: Jun. Coll., Duluth, 33-35; Coll. St. Thomas, St. Paul, 35-37, B.A., 37; Chicago U., 37-40; UCLA,

40-42; Ph.D., 42; m.: Iona Judith Wax; 2 d.: Karen Eva Diskin, Jessica Ariya; p. chmn, Dep. Phil., UCLA; p. Prof. Phil., U. of Mich.; p. Dir., Fifth East-West Phil. Conf., Honolulu; p. Pres., Am. Phil. Assn; Sci. Ass., Am. Academy of Psychoanalysis; Charter mbr, Intl Assn of Applied Soc. Sci.; Adj. Prof., Union Graduate Sch., Antioch, Ohio; Visit. Prof.: Harvard U., Columbia U., Hebrew U., Oregon State U., NY U., U. of South Cal.; Brandeis Institute, Cal.; mbr: Assn of Jew. Phil., Assn f. Humanistic Psychol., Adv. C'tee Natl Inst. of Mental Health; fllw, Hudson Inst.; books publ.: "Power and Society", "The New World of Philosophy", "American Ethics and Public Policy", "The Conduct of Inquiry", "Individuality and the New Society", "Love and Death"; publ. activities: JDC, Natl Hillel Comm., World Confer. of Soviet Jewry, Brussels, White House Confer. on Youth; awards: Hon. Doctor, U. of Judaism; Hon. Dr., H.U.C.; Guggenheim Fllwship; Fllw: Rockefeller Foundation, Center f. Advanced Study in Behavioral Sci., Stanford; Center f. Advanced Study, Wesleyan U., Conn.; Div. of Applied Behavioral Sci., UCLA.

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KAPLAN, Joseph; M.A. (Econ.); Mng. Dir.: YUVAL, Insurance Co. of Israel Ltd., 62-; YUVAL LIFE, Insurance Co. Ltd.; b. Jerusalem, 1932; ed.: H.U., Jer. (Econ. & Sociology).

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KARCHMER, Aaron Moses; bus. exec.; Secr.-Treas., Karchmer Pipe & Supply Co.; mbr, Exec. C'tee, Jew. Wlf Fund, Southern Ill. (p. V.P. & Chmn, Initial Gifts Div.); b. 1909, Paris, Texas; ed.: Oklahoma U.; m.: Gertrude; ch.: Ronna Rose Newburger, Donald Alan; Pres., Marion County Mental Health Assn; mbr, Lay Brd, St. Mary's Hosp. (p. Pres., Brd of Dirs); p. Pres., Temple Solomon; co-chmn, Fund Drive f. St. Mary's Hosp.; recip.: Centralia, Illinois Citizen of the Year, 59.

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KARFF, Abraham S.; atty at law; brd mbr of various corporations, 25-; Chmn, World Zion. Affairs, ZOA; b. Bessarabia, 15.3.1902; ed.: Boston U. Law Sch.; LL. B.; mbr: Federal Bars; Israel Bar, 36; m. 1945; d.: Carmie, Debbie; p. pres., Brookline-Brighton-Newton Zion. Distr.; p. mbr, Inner C'tee, ZOA; vice-pres. ZOA

f. four terms; mbr: Temple Shalom, West Newton; Brotherhoods of Temple Shalom & Temple Israel, Boston; vice-pres., New England Reg., AJC; mbr: Greater Boston Jew. Community Cl.; Big Brother Assn, Germania Lodge of Masons, Garden City Lodge of Newton, Histadruth Ivrit; incorporator & dir., New England Assn f. Heb. Culture; deleg. to several WZC in Jer. (elected, mbr of World Zion Court, WZC); active in numerous charitable orgs.

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KARGMAN, Guri; Eng.; Mng. Dir., "Amgav", 73-; b. 15.10.1934, Israel; ed.: elem. & HS, Kiryat Haim; Technion Haifa, grad. Mech. Eng.; m. Netta Israeli; 2 d.: Ziwit, Merav; mbr, Kibbutz Nachal Oz, 53-60 (in var assignments); p. mbr of secr., Hanoar Haoved Ve'halomed; Eng., admin. sctn, "Egged", dur. 3 years; Mng. Dir., Raphael Ind. & Marketing Ltd., 72-73 (dir. of prod., 69-71; mng. of plant, 70-71).

9 Kedoshei Kahir St., Holon; tel. 844208.

KARGMAN, Israel; M.K.; Chairman, Finance C'tee, Knesset; b. Berditchev (Russia), 1906; m. Rivka Goltz; 1 s.; 1 d.; to Israel, 1929; employed as spinner, Ata Textile Factory, 38-56; mbr leading bodies of the Labour Alignment; articles in local dailies & monthlies on econ. topics.

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KARIV (Kroviarski), Benjamin Zeev; B. Sc. (Econ.); Dir. Gen. "Mekoroth", Water Co. Ltd.; b. Poland, Aug. 3, 1920; m. Gila Lakser; 1 s.; 2 d.

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KARIV, Yosef; M. Jur.; Dir., Israel Brdcast f. Immigrants; b. in Poland. 1909; educ., in Pedagogy, Law, Bet Hakerem Teachers' Smny & Hebrew U.; training in brdcasting, USA, 55; m.: Hava; d. Ruth; serv. w. Haganah, 44-54; head, Cult. Serv., IDF, 48-50; Dir, Information Serv. P.M.'s Office, 50-54; dep. dir., Educ & Culture Dpt. f. the Diaspora, Jewish Agcy, 55-58; w. Kol Israel, s. 58; sev. contributions in pedagogy, editor of several books.

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KARLIN, Ruth M.; p. Chmn, Women's Div., Israel Bonds, Pittsburgh, 11 yrs Natl Chen Chairman, W.D.; b. in Pittsburgh, Pa., 30.5.1908; coll. graduate; m.; s. George, Philip, Marshall; active in Hadassah. v.p. Southern Pacific Coast region; p. pres Pittsburgh chpt; p. chmn, UJA, W.D. Pittsburgh; p. Mbr Natl Brd, Women's C'tee of Brandeis U.

2170, Century Park East, Los Angeles, Calif., USA.

KARNI, Joseph; educator; b. Uman, Russia, 14.10.12; to Isr.: 22; B.Sc. Tehnion, Haifa, 36; C.E., 37; B.Arch., 48; M.Sc. 64; m. Miriam Karasovsky, 38; ch. Avital, Eyal; Dir., Extension Div., Technion, & Dir., Building Research Station, I.I.T., 63; Assoc. Professor, civil eng., (60); postgrad. studies, Northwestern U., Ill., U.S.A., 53-54; p. off. Haganah, 29-48; Aluf Misneh (Col.), IDF; Brd., Technion Res. & Develop. Found., 1967-; mbr, International Union of Testing and Research Laboratories for Materials and Structures; publ.: about 50 scientific and professional articles & research report; Special interest: rationalization of building by developing and exploiting local building materials; elected Chmn, Technical Cl., Assn of Eng. & Arch. in Israel, 71; mbr, C'tee on Ed. & Train., Wld Fed. of Eng. Orgs, WFEO/FMOI.

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KARNI, Shlomo; Prof. El. Eng., Dpt. of Eng. Sci., Tel-Aviv U., 70-; b. 23.6. 1932; ed.: Technion, BSEE (cum laude), 56; Yale U., MSEE, 57; U. of Illinois, Ph.D., 60; m. Michaela; s. Gideon J., d. Sarah M.; Testing Eng., Pal. Power Co., Haifa, 55-56; Teaching Assist., Yale U., 56-57; Res.-mbr, Instr., Assist.-Prof., U. of Ill., 57-61; cnslt; Albuquerque, New Mexico: Air Force Weapons Lab & Gulton Industries, 66; Westinghouse Learning Corp. & Burnell Electronics, 67; Dpt. of El. Eng. & Computer Sci., U. of New Mexico, 61-; visiting-prof., U. of Hawai, 68-69; snr mbr, IEEE; mbr: AAAS, ASEE, N.Y. Acad. of Sci., HKN, Tau Beta Pi, Sigma Xi; various activities in eng. educ.; publ. on network theory (analysis, synthesis, topology), system theory.

Tel-Aviv University, Ramat Aviv.

KARNIEL, Shlomo; Eng., Ph.D.; Gen. Mng., Keren Electronica; b. 11.3.1930, Poland; to Israel, 1950; ed.: Technion Haifa - B.S., 55; M.S., 69; U. of Manchester, Ph.D., 71; married; 3 ch.; p. Snr Eng., A.E.C. Isr.

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KARNY, Haim Z.; physician, M.D.; teacher & res., Tufts U. Medical School, Boston USA, 70-; b. Israel, 27.12.1936; ed.: H.U. Med. Sch., Jer.; m. Judith Bodor, 1960; 2 d.; 20 articles on neurosurgical, neurophysiological & ophtalmological subjects; teacher & res., Tel-Aviv U. Medical School.

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KARPAS, Jona Jack; M.B.; Ch.B.; physic.; Assoc. Dir. Gen., Hadassah Med. Org., 52-; b. Lithuania, 28.12.1908; m. Cecily Sacks; 3 ch; educ.: South African College, Capetown; Capetown U; p. Mayor of Parow, S.A., 44-45, to Israel, 1951; p. Vice-Chairman, South African Jewish Board of Dpt.; studies in U.S.A., 1955.

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mer Hosp., 50-55: head, Leopold Greenberg Inst. of Forensic Medicine, Abu-Kabir, 55-; Hebrew U.: Lecturer, 57; Assoc. Prof., 66.
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KARSCHON, René; For. eng., D. techn. sc.; Dir., Foresty Div., Agric. Res. Org., 61-; b. Duesseldorf, 3.11.1919; to Israel, 1949; m. Raya Levin, 1949; publ. numerous papers on forest research & forestry.
Ilanot, Doar-Na Lev Hasharon.

KARSZON, Alexander; eng.; Managing Dir., "Vulcan" Foundries Ltd., Haifa; mbr., Brd of: Israel Foundrymen's Scty, Solcoor Ltd., Foundry Center; Chmn, Brd of Ass. Steel Foundries Ltd.; m. Riva Mudrik; d.: Ariela Har; Nira Livnat; b. Russia; educ.: Ghent Polytechnikum; to Israel, 1935; p. assignm. with "Herut", Contractors of Sanitary Installations, & "Solel-Boneh"; Snr. Lectr., Technion, 1946.
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KASPI, Jehuda; Gen. Mng., Hamashbir Hamercazi, 72-; b. Poland, 1919; to Israel, 1936; ed.: Economics; m. Yael Flum, 1940; 2 d.; 1 s.; p. mbr, Exec. of Hevrat Ha'ovdim; p. Gen. Mng., Mifalei Techen — G.M. of Kibutzei Hashomer Hatzair; mbr: Exec. of Histadrut; Brd of Dirs: Hevrat Ha'ovdim, "Hassneh", "Tnuva", Insurance Cl.: Presidium of Moetzet Ha'igud Hashitufi; Brd of Brit Ha'cooperatzia Hatzarchanit.
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KATSH, Abraham I.; author, editor; Pres. & Research Prof. of Hebraica, Dropsie U., 67-; b. 10.8.1908, Poland; ed.: New York U.; B.S., 31; M.A., 32; J.D., 36; Dropsie Coll., Ph.D., 44; grad. smnry, Princeton U., 41; D.H.L. (hon.), HUC, 64; D. Litt. (hon.), Coll. of Jew. Stud., Chicago, 68; D.D. (hon.): Christ. Theol. Smnry, Indianapolis, 70; U. of Dubuque, 71; LL.D. (hon.), Lebanon Valley Coll., 71; m.: Estelle Wachtell; 2 s.; 1 d.; vast activity in promoting Hebraica & Judaica in Am. Universities in the last 40 years; publ.: Ginze Mishna (from the Leningrad Antonin Collec.), 71; Scroll of Agony — Kaplan diary of the Warsaw Ghetto, 65; Yiggal Hazon (Heb. poetry of the Golden Age of Spain), 64; Midrash David Hanagid, 64; Judaism & the Koran, 62; Ginze Russiya, 58; Hayahaduth ba-Islam. 54; chief edit. & found., Hebrew Abstracts (by natl assn of Heb. profs in Am.), 50-68; co-edit.: Jew. Quarterly Review, Dropsie U., 68; Israel through the years of its leaders, 71; contrib. to Heb. Encycl., Encycl. Brit., Encycl. of Religion, etc.; articles in leading scholarly magazines in Am., Europe & Israel; lctr many Am. & Europ. Universities; partic. at intl congrss. on oriental & linguist. studies; microfilmed USSR Hebraica collect., 56-69, hitherto unavailable to Western scholars; exec. mbr, World Heb. Congr.; recip. many high awards & prizes, i.a. B'rith Abraham Medal, 52; Israeli Govt., 65.
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Beth Josef, Shechunat Ben Zion, Jerusalem.

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KEROS, Joel: Mng. Dir., Wimpy (Israel) Ltd., Pat-Sova Ltd., Bun-Joe Ltd., Man-Bo Ltd., 66-; b. Tokay, Hungary, 1921; to Israel, 1959; ed.: Santa Cecilia Acad., Rome; courses in management food technology, frozen food, etc., England; m. Shulamit Kanfi, 1960; 1 d.; M.B.E., M.C. in British Army (discharged as Captain), 40-46; p. owner of "Straton" Restaurant, Skin-Diving Club, Golf Club & Discoteque in Caesarea, 62-65.

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KERTES, Aviezer Stevan; Ph.D., Chemist; Chem. Eng.; Professor of Chemistry, Hebrew U.; b., 1922, Seged; ed.: Hebrew U.; m. Vera Hoenig; 55-57, Res. Fllw, Institut du Radium, Paris; 62-64, Research Assoc., MIT, Cambridge; 1966, Visiting Scient., Royal Institute of Technology, Stockholm; 68-69, Visit. Scient. Argonne Natl. Lab.; 73-74, Visit Prof., McGill U., Montreal: res. interest: complex & solution chemistry, solvent extraction and radiochem; member, edit. board, Journal of Inorganic & Nuclear Chemistry; Mbr Comm IUPAC, Intl Union of Pure & Appl. Chemistry; publications in professional scientific journals.

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KESHETH (Koplewitz), Yeshurun (Jacob); author; poet; critic; mbr, c'tee, Hebrew Writers' Assn, Jerusalem; p. Editor, "Moznayim"; b. Minsk-Mazow, 29.11.1893; m.; 1 s.; educ.: Berlin and Rome U.; to Israel, 1911; studies in Europe, 20-27; back to Israel, 27; author of "Ha-Helekh ba-Aretz"; "Elegies"; "Ha-Derekh ha-Ne'elama"; "Be-Doro shel Bialik"; "Be-Dor Oleh"; "Keren Hazoth", etc.; translated into Hebrew works by English, French, German and Russian writers; articles of criticism on literature and art in local & foreign press.

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KESSARY, Ouri; journalist; mbr, edit staff, "Maariv"; columnist, "Haaretz"; screen and stage critic, Kol Israel; mbr, Directorate, & Chmn, Film Division, Council for Culture and Art; mbr, Advisory C'tee, on Foreign Artists Films, Min. of Comm. & Industry; b. Haifa, 1901; m. Fanya Goldberg; 2 s.; educ.: Paris U.; founder, editor, "Haolam Hazeh" (weekly), 50; corresp. "Haaretz" in Paris, 50-53; Chmn, Journalists' Assn, 63-64; prize for short stories in "The New Herald Tribune", 1954; author of several works.

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KETZEF, Arieh; industrialist; diamond manufacturer; Pres., Israel Diamond Exchange; Dir., Brd., Diamond Manufacturers' Association; owner, Barik Diamonds (1947) Ltd., Nathanya; b. in Brest Litovsk, 5.11.13; educ.: High School; Law studies (2 years) m.: Lea Lazansky; 3 s.: Zvi, Dov, Doron.

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KEYDAR, Iafa; virologist; Sen. Lctr. Dpt. of Microbiology, Tel Aviv U.; b. 6.7.1923, Rumania; to Israel, 1941; ed.:

Tel Aviv U., B.Sc. Microbiology, 57; M.Sc. Microbiology (Major), 58; H.U. Jer., Parasitology & Zoology (Ancilliary), Ph.D., 68; m.: Col. (Res.) Avraham Keydar; 1 d.; Res. Flwshp at Inst. f. Ricketsial Res., Pasteur Inst., Paris, 62; Sabbatical at Inst. f. Cancer Res., Columbia U. (under the ausp. of Dr. S. Spiegelman), 69-70.

Dpt. of Microbiology, T.A. University, Ramat Aviv.

KEYFETZ, Carl K.; lawyer; Queen's Counsel; Hon. Vice Pres., JNF Canada; b. 12.10.1907, Toronto; ed.: Grad. Landsdowne Pub. Sch., 21; Oakwood Coll., 27; Osgoode Hall, 30; Q.C., 51; m.: Pearle Rheva; ch.: Pamela Benjamin, Stephen Norris; bus.: Law Firm Gordon, Keyfetz, Hall, Baker & Goodman, Toronto; Serv. RCAF Adm. Branch, Commd. Officer, Leg. Dept, then Air Force H.Q., 41-45; Hon. vice-pres., JNF; Hon. Pres. Sportsmen's Lodbe B.B.; Hon. mbr Brd, J. Vocat. Serv.; mbr: Can. Cl. of Christians and Jews; Assoc. Hebr. Schs; Un. Jew. Wlf. Fund; Leg. Counsel: Canad. Hemophilia Scty; Gen. Wingate Branch Royal Canad. Legion; Can. Orthophaed. Shoe Manuf. Assn; p. co-founder, first Jew. Boy Scout Troop in Ontario; Pres. B.B. Toronto Lodge, 39; sole Canadian on Natl C'tee of Vets. Affairs, Wash., 46; chmn Toronto Youth Aliya Cmpgn, 40-41; p. mbr: Natl Exec. C'tee Young People's League of America; Brd of Dirs Jew. Family & Child Serv.; Jew. Immigrant Aid Service; p. Exec. Dir., Jew. Boys Club; mbr: Canadian Club, Canadian Bar Assn; Dir. of numerous financial and commercial corps.; visit. Israel 51, 65.

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KEYNAN (Kutzenon), Alexander; M.Sc.; Ph.D.; Vice-Pres., H.U. Jer., 68- (Chmn, Auth. f. Res. & Devel., 67-); head, Dpt. Bacteriology, Israel Inst. f. Biological Research, Ness-Ziona; visit. lctr in Bacteriology, Hebrew U.; b. Kiev, Feb. 18, 1921; m. Malca Ben-Zvi; 2 d.; educ.: Hebrew U; att. courses MIT, Harvard U., Marine Biological Lab., Woods Hole, Mass.; external teacher of Bacteriology, School of Agriculture, Hebrew U., 56-58; Visit. Prof. of Biology, MIT, 62-63; organized Israel Inst. for Biol. Research, Ness-Ziona; founding member, Israel Assn. for Advancement of Science; organizer, Annual Convention of Scientific Societies, Chmn, Natl Council of Research & Development; mbr, Corporation Marine Biological Lab.; mbr., Scty of Am. Microbiologists, Israel Biochemical Soc., Israel Scty, of Microbiologists, Israel Assn. for Advancement of Sci., Advis. Committee of Sci. & Techn. f. Dev. to the Secr. Gen. of the UN; Sharef C'tee f. the Govt's Role in Higher Educ.; Katchalski C'tee on the Reorg. of Govtl. Sci. in Isr.; mbr. Pugwash Confer. on Sci. & Wld. Aff. AIPRI. Wld Inst., Jer. Group of Natl Plann., Institute de la Vie, EMBO, Advis. Board Batsheva de Rothschild, etc.

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KEYSERLING, Leon H.; econ. & lawyer; Dr. Bus. Sci. (Bryant Coll., 65); cnslt econ. & attorney; Pres., Conference on Econ. Progress, 53-; Pres., Natl C'tee f. Labor Isr.; mbr., Brd of Gov., Isr. Bonds; p. mbr, Executive Committee, UJA of Washington D.C.; b. Charleston, S.C. USA, 22.1.1908; ed.: Columbia, B.A., 28; Harvard LLB., 31; grad. econ. studies, Columbia, 31-33; m. Mary Dublin, natl known econ., 1940; Assist., Econ. Dpt., Columbia, 31-33; Legislative Assist., US Senator Robert Wagner, 33-37; cnslt to various c'tees & mbrs of the US Senate & House of Repres., 33-46, 53-; top staff expert, US Senate C'tee on Banking & currency, 35-37; Gen. Counsel, Dep. Adm. & Acting Adm., various US Govt. housing agencies, 37-46; Cl. of Econ. Advisers to the Pres. of USA — Vice-Chmn, 46-49; Chmn, 49-53; mbr: Am. Econ. Assn, Am. Pol. Sci. Assn, Phi Beta Kappa; mbr of bar — US Supreme Court, New York, & D.C.; hon. mbr of fcty, Indust. Coll. of the Armed Forces; Board of Directors: Park Electrochem. Corporation; publ. studies of book length, e.a.: Inflation-Cause & Cure, 59; The Fed. Budget & the General Welfare, 59; The Peace by Investment Corp., 61; The Move toward Railroad Mergers, 62; Poverty & Deprivation in the U.S., 62; Taxes & the Public Interest, 63; Two Top Priority Programs to Reduce Unemployment, 63; The Toll of Rising Intrest Rates, 64; Progress or Poverty, 64; Agriculture and the Public Interest, 65; The Role of Wages in a Great Society, 66; A "Freedom Budget"; for all Americans, 66; Goals f. Teachers' Salaries in our Public Schools, 67; Achieving Nationwide Educ. Excellence, 68;Taxation of Whom and for What 69; Growth with Less Inflation or more Inflation without Growth, 70; also, Wages, Prices and Profits, 71; The Coming Crisis in Housing, 72; also The Economy of Israel, 54; Speeding Israel's Progress, 57; The Economy of Isr.: Progress under Freedom, 59; Israel's Economic Progress, 68; reports & reviews of the Cl. of Econ. Advisers, 46-53; contrib. to popular & specialized periodicals; trips to Israel on numerous occasions (5 trips since 67); recip.: $ 10.000 prize in Post-war Employment Contest, 44; "Man of the Year" Awards, AJC, N.Y. City & Washington D.C.

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KHAFIF, Ezra; Dep. Gen. Mng., Mercantile Bank of Israel, Ltd., 70-; b. Egypt, 5.2.1930; to Israel, 1949; m. Sophie Matalon; 1 s.; 1 d.; serv. IDF, -52; started work as junior clerck, Ottoman Bank Ltd., Hon. Secr., Rotary Club; affil.: Commercial & Industrial Club; Country Club; Israel-France Friendship League.

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KHASSIS, Uri; physician; Dep. Med. Dir., Hadassa U. Hosp., Jer., 60-; Dir. Designate, Hadassa Mount Scopus, 70-; b. Haifa, 18.1.1927; ed.: H.U. Med. School Jer., 49-52, M.D.; School of Publ. Health & Adm. Med., Columbia U., N.Y., 57-59, M.Sc. H.A.; m. Sarah (Sally) Cordova,

1952; ch.: Roni, Nava; mbr, Exec. C'tee M.D.A., Natl & Reg. (Jer.); Dir., Med. Branch, Dpt. of Intl Cooperation, M.F.A.
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KIDRON, Mordechai Reginald; Political Advisor to the Min. for Foreign Affairs, Jerusalem; p. Ambassador of Isr. to U.N., Geneva, 66-71; born 13.11.1915; married Nora Pines Viterbo; 1 s.; educ.: Capetown, Stellenbosch & Hebrew U.; Political Dpt., Jewish Agency, Jerusalem, 44-48; Ministry for Foreign Affairs, 1948-; Legation of Israel, London, 49-51; Charge d'Affaires, London, 1950; dir., Intl Organizations' Division, MFA, 51-53; dep. perm. representative to UN, 53-58; Ambassador to Thailand (concurrently Ambassador to Cambodia & Minister to Laos), 58-63; Dir. Armistice Aff. Dpt., 63-66.
Ministry f. Foreign Affairs, Jerusalem.

KIMCHE, Ida; Art Dealer, spec.; owner, Hilton Art Gallery; b. St. Gallen, Switzerland; educ.: art studies in Switz. & in France; ch.: Varda, Raja.
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KINDLER, Arie; numismatist; Dir., Kadman Numismatic Museum, 61; Dep. Dir. Museum Haaretz, Tel-Aviv, 58; b. Berlin, 17.2.1920; m.: Hanni Kastner; d.: Yael; to Israel, 1933; mbr of the Haganah, 38; w. Museum Haaretz (53-); Sci. Edit., Isr. Numismatic Scty; mbr: Isr. Numismatic Scty; Royal Numismatic Scty, London; author of 6 books & 120 articles on numismatics; Cavaliere, Order of Merit of the Italian Republic, 70; Leo Kadman Prize f. numismatic lit., 70.
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KIRSCH, Henry Julius; Dir.: "Peltours" Ltd.; "Paimex" Isr. Africa Import & Export Comp.; Peltours International Ltd.; The Magen Insurance Co. Ltd.; Director, Migdal-Binyan Insurance Co.; born Ceres, South Africa, 1906; m. Rivka Goldin; 1 s.; 2 d.; Comm. activity in South Africa; p. Chmn, South African Youth Council; p. Chmn, Johannesburg Zionist Assn; exec. mbr, South African Zionist Federation; to Israel, 1950, and again in 1959.
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KIRSCH, Morris; chmn brd Kirsch Beverages, Inc. and NO CAL Corp.; adv. brd, Manufacturers Hanover Trust Co.; chmn natl & city drives Joint Defense Appeal, HIAS, UJA; Fed. of Jew. Philathropies, Anti-Defamation League, etc.; b. 10.4.1906, Bklyn, NY; m.: Bertha Cohen; ch.: Leon Robert, David Alan, Sara Joyce Lampert; Chmn Natl Soft Drink Assn NY State; Dir. ond p. Pres. N.Y.S. Bottlers of Carbonated Beverages; Dir. & p. Pres. Metropolitan Soft Drink Brd of Trade; mbr, Distr. C'tee Natl Assn of Manufacturers; Vice Pres. & Chmn Publ. Relat. Bklyn Chamber of Commerce; Pres. Cl., Am. Inst. of Mngmt; mbr: World's Fair Corp; Small Bus. Adm., Natl Adv. Cl., NY, NJ, PR; Community Planng. Brd, Am. Cancer Scty; Treas., Bklyn Philharmonia, Pres., Kingsbrook Med. Center; Trustee, Jew. Hosp. of Bklyn; Secr., YM & YWHA of Williamsburg; Dir., Indust. Home f. the Blind; Vice Chmn Brd, Am. Red Cross; mbr of Panel Am. Arbitration Assn; p. Pres. NY League of Locality Mayors; trustee, Am. Cancer Scty of NY; Dir. NY Histadrut Cl.; Greater NY Safety Cl.; Natl Conf. of Christians & Jews; mbr, Exec. C'tee, Boy Scouts of America; life mbr: Bklyn Museum; Jew. Chautauqua Scty; Hon. Legion of Police Dpt of NYC; many honors & awards f. merit. services in the gen. & Jew. orgs.
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KIRSCHENBAUM, Aharon; Assoc. Prof. of Jew. Law, Tel-Aviv U. Law Sch.; b. 11.3.1926, Brooklyn, N.Y.; to Israel, 1969; ed.: Bklyn Coll., B.A., 46; Herzliah Heb. Teach. Inst., Teacher's Diploma, 46; J.T.S., Rabbin. Ord., M.H.L., 50; D.H.L., 67; Columbia U., Ph.D., 69; m.: Judith Pollak; 6 ch.; p. instr. in Heb., City Coll., N.Y.; p. lctr in Bible & Talmud, Herzliah Heb. Teach. Inst.; p. Assoc. Prof. of Rabbin. Codes, J.T.S.; publ. Self-Incrimination in Jew. Law; co-edit., Diné Israel, Tel-Aviv U. Law Sch.; learned & popular articles in Jew. Law; contrib. to Encycl. Judaica.
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KIRSHBLUM, Mordecai; Rabbi, Dr. of Divinity; Honoris-Causa, Yeshiva U., N.Y.; **Mbr Exec. of the J.A.** Jer. & Associate Head of its Aliyah & Klita Dpt.; Mbr, World Mizrachi Exec. (Mercaz Olami), 68-; b. Bialystok, Poland, 15.10.1910; to Israel, 1968; ed.: Rabbinics at Yeshiva U. & Yeshivat Rabbi Yitzhak Elchanan; Semitics at Grad. Sch. of Yeshiva U.; m. Miriam Fenster, 1931; s.: Yehuda Leib, Daniel Ezra; mbr: World Adm. C'tee, KH; Adm. C'tee Mossad Harav Kook; Adm. C'tee, Yad Harav Herzog; Exec. of Hechal Shlomo; brd mbr.: Bar-Ilan & Haifa U'ies, Midrashia Pardes Chana; p. Rabbi, Jew. Comm. House of Bensonhurst; p.

Pres., Mizrachi Org. of Am.; p. Natl Vice-Pres., JNF, USA; Natl Vice-Chmn., UIA; founding-mbr & mbr., Brd of Gvrns, Bonds f. Israel, 50-68; mbr, J.A. Exec., Am. Sctn (56-68), heading its Aliyah & Torah Culture Dpts.; deleg. at all Zionist Congress, 37-; spokesman of Mizrachi in all intl zionist assemblies; missions throughout the Jew. world on behalf of Mizrachi, of the Zionist Movt., Aliyah, KH & KK; contributor to publ. in Heb., Engl., Yidd. on zion. & relig. natl. topics; recip.: awards & citations from Yeshiva U., Mizrachi, JNF, UJA & Bonds, f. disting. services.

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KIRSHBLUM, I. Usher; Rabbi; ZOA Natl Chmn, Isr. Bonds; Pres., Long Island Rgn JNF; b. in Bialistok, 25.11.1911; educ.: Brooklyn Coll, B.A. (35), St S Wise Inst of Relig, Rabbi (44); m.: Selma, 21.12.1935; ch.: A. Eliezer (Cantor, Toronto), Marsha (teacher, NYC); VP, ZOA & Chairm Wld Zion Affairs Isr. Bonds Bureau; mbr. Zion AC; p. Pres. LI Zion Rgn; Rabbi, Jewish Center of Kew Grdns Hills (46-); p. Pres, Rabbinical Assbly; app. by the Mayor of N.Y. City in 1948, as Pres., first clergyman to hold such position in the history of NYC; mbr brd of dirs, North S. chapter of Am. Red Cross; brd of dirs, Queens C. of Soc. Welfare; Man of The Year, by K.G.H. chpt of Bnai Brith.

71-25, Main St., Flushing, 67, N.Y., USA.

KIRYATI, Abraham; Dir., North Am. Dpt., Foreign Trade, Min. of Comm. & Ind., 65-; b. 21.6.1921, Hebron; ed.: Jer. Law Classes, 40-44; grad. High Intell. Sch., Isr. Army, 52-53; H.U. Jer., 56-60, grad. Fcty of Law; grad. Isr. Natl Defense Coll., 64-65; Intl Marketing Inst., Harvard U., USA, 72; m.: Miriam Cohen Huze; 1 s.; 1 d.; w. Isr. Underground Forces, 33-48; w. Brit. Army, 40-42; w. IDF, 48-50 (Major); Snr Off., Distr. Food Controll., Gvt. of Palestine, 40-48; w. Isr. Min of Comm. & Indust.: Dir. Textiles & Leather, Rat. & Controll, 50-52; Dir., Reg. Off., Jer. Distr., 52-53; Dep. Dir., Export Dpt., 53-55; Dep. Dir., Import Dpt. & Dir., Textiles & Leather Div., 55-60; Econ. Attaché, Isr. Embassy, Nigeria, Lagos, 61-64.

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KISHON, Ephraim; author; b. Budapest, Aug. 23, 1924; m. Sara Lipovitz; 2 s.; educ.: University (History of Art); High School of Painting and Sculpture; to Israel, 1949; columnist "Maariv" (daily) & Jerus. Post; leading name in Israeli liter. of humour & comedy; published several volumes of Israeli humor; directed & produced films (Salah Shabati; "Erwinka", "The Blaumilch Canal"; "Azulai, the Policeman"); well known playwright; works transl. in English, German, Italian, French, Dutch, Danish, Hungarian, Japanese, Spanish, Turkish, etc.

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KISLEV, Shmuel; Colonel (Aluf-Mishne), Res.; General Manager, Lod International Airport, 71-; b. 1931, China; to Israel, 1949; married; 3 ch.; served in Israel Defence Forces, until 1971.

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KISTER, Isaac; Dr. jur.; Judge, Supreme Court, 1965-; b. Poland, Oct. 17, 1905; m. Sarah Majafit; 3 ch.; educ.: Lwow U.; to Isr., 1935; private legal practice in Jerusalem, 39-44; Magistrate in Tel-Aviv, 45-48; Jude, District Court, 49-65.

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KLAGSBALD, Szymon; Manufact.; Dipl. Eng.; co-manager, Kav Metal Works Ltd., 1941-; mbr., praes., Manufacturers' Assn in Israel; mbr brd of dirs, Industrial Development Bank, Israel; b. in Poland, 7.5.06; educ.: Technical College, Karlsruhe; m.: Mara Frishhauer; 2 ch.; to Israel, 40.

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KLAPERMAN, Gilbert; Dr.; Rabbi, Beth Sholom Cngrn, Lawrence, NY; Pres., NY Brd of Rabbis; Chmn Brd, Emet Wld Acad., Jerus.; Rabbin. C'tee, Am. Ort.; Ass. Prof., Sociology, Yeshiva U.; mbr: Am. Zion. Cl.; Exec. C'tee, Rabbin. Cl., Am.; Rel. Zion., Am.; b. 25.2.1921, NYC; ed.: Yeshiva U., B.A., Dr.; Iowa U., M.A.; Rabbi I. Elchanan Theol. Smnry, Rabbi, 41; m.: Libby Mindlin; ch.: Judith Reena Goldman, Joel Simcha, Frieda, Carol Nechama Morrow; p. Pres., Jew. Book Cl. of Am.; Yeshiva Coll. Alumni Org.; p. Dir., B.B. Hillel Fndn, Queens U., Iowa U. & Coll.; Chaplain, Canadian Army, W.W. II (Cpt rsv.); Nassau Co. Jail; contrib. to Jew. Life, Opinion, Horizon, Jew. Spectator & Am. Educator Encyclop.; author: The Story of Yeshiva U.; co-author, The Story of the Jew. People.

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KLARMAN, Joseph Leib; publicist; mbr: Exec. J.A. & Head, Youth Aliyah; presidium of Keren Hayesod; b. 1909 in Poland; d. Bella-Rivka Barkait; Ed.: Teacher's Seminary; co-founder, Polish Revisionist Mov.; deleg. to Zion. World Congresses, &

elec. to the Zion. Act. Comm. (46); Mbr., Congress Presidium; Secr. Gen. & V. P., Revisionist Mov. in Poland (34-39); Editor, "Unser Welt"; to Israel: 40; Mbr. "Vaadat Ha-hatzala" & activ. during world war II in Turkey, rescue mission of Europ. Jewry; leader illegal aliah in Balkan countries (44-48); Mbr., Polit. Comm. at Lake Success N.Y., 1948.

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KLASS, Marvin J.; lawyer; b. 6.11.1913, Sioux City, Iowa, USA; ed.: Morningside Coll., B.A., 36; Harvard Law Sch., LL.B., 39; m.: Merry Gralnek; ch.: Tim, Susan, Kay, Kal, Marilyn Weissman; attorney & senior partner in law firm Stewart, Hatfield, Klass & Whicher; teacher bus. law at Morning Side Coll., 46-50; Pres. ZOA Sioux City, Iowa, 48; mbr, Brd of Trust. Shaare Zion Syn. & Secr., Jew. Commty Center; mbr, Brd of Trust., Morningside Coll. & Sanford Center; Pres., Woodbury County, Iowa Bar Assn., mbr.: Sioux City Civ. Serv. Comm., 66-68; Sioux City Symphony Orchestra, 30-34; Brd of Dirs., Sioux City Concert Course, 70-; to Israel, 72.

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KLATZKIN, Raphael; actor; mbr, "Habimah"; b. Russia, Jan. 15, 1906; m. Hadassa Yanovsky; halutz & agricultural worker, Mikveh Israel; went to Europe to study art; joined "Habimah", 1928; co-founder, first satirical theatre, "Hakumkum"; poems, many adapted to music.

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KLAUSNER, Margot; author; b. Berlin, Nov. 2, 1905; d. of Julius & Dora (Leiser); educ.: U. of Berlin, 24-26; to Israel: 26; divorced; children: Mrs. Miriam Spielman, Amos Mokady; mbr. management: Habimah Theatre, 27-36; Youth circle of Habimah; theatre journal, Bamah; founder of Moadim literary agents, 36-; Pres., Israel Motion Picture Studios Ltd., 48, and of Israel Canada Television Studios Ltd. 68-; Pres., Israel Society for Parapsychology Tel-Aviv; Chief Edit. monthly "Mysterious Worlds".; mbr., Pen Club; Soc. of Psychical Research, London; publ.: Sapho of Lesbos, 41; Joseph In Egypt (play) 1943; Origins of Drama, 1945; The Wedding, 1947; Storm in Sivan (Life of Chaim Arlosoroff), 1957; Naked Souls (short stories), 63; Habima Diary, 71; Origins of Drama, part 2, 71; main part in the play "The Clairvoyant" by André Roussin, produced by "Hagesher".

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KLEIN, Donald H.; Assistant Executive Vice Chairman of the United Jewish Appeal, 71-; p. Campaign Director f. the Jew. Community Federation of Cleveland; grad. of City College of New York, and holds a Master of Science degree from the New York School of Social Work at Columbia University.

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KLEIN, Elchanan; Dir., Building, Construction & Domain Dpt., Min. of Def.; p. Chief Eng. Off.; b. 29.11.16 in Tel Aviv; from early youth active in Hagana; on various Hagana commiss., as youngster; educ.: Civil Eng., London U. (39-46); m.; 3 ch.; with I.D.F. (48-) through several campaigns (rank of Col.); promoted, Aluf Mishne, Ind. Day 1965.

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KLEIN, Harry Saville; comp. dir.; chmn, Kimberley Fund Raising Isr. United Appeal Solidarity Camp., South Africa; b. in Kimberley, S.A., 21.7.14; m.: Lila Arenson, 9.3.52; ch.: Jennifer, Louis, Malvin, Bentley; treasurer & chmn of various local cultural & comm. bodies; delegate to Israeli Human Needs Conference, 1969, repres. S.A.

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KLEIN, Louis; Pres.: Exec. Cl. of Austral. Jewry; Australia-Israel Chamber of Commerce; Keren Hayessod-UIA, New South Wales, Australia; vice president, Friends of the Hebrew Univ. & mbr. ex officio, exec. of State Zionist Council; clothing manufacturer; b. in London, 5.11.1917; att. London Politechnic, Regent Street; m.: Mona Freda Finegold, 30.10.1940; ch.: Susan Zena, Peter Morris Gilbert; also vice-pres., p. pres., of North Shore Sng, Sydney; mbr., brd, King David Jew Day School, dto Massada J. Day Sch.; v. pres., J. Brd. of Dep. of New South Wales; owner, "The Australian Jewish Times"; British Army, & mentioned in dispatches, 41-46; to Australia, 1948.

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Bet Sefer Reali, Haifa; Nautical School, Haifa; U. of Southampton, (1954-55); to Israel, 1933; m. Tirza Luncz (daughter of Mathitiahu Luncz); d. Ayala, Chawa; s. Yo'av; 44-54, Jew. Merch. Navy work. way up from Deck-Boy to Captain; 1956-61, Senior Lecturer in Navigation (Israel Nautical College); 1962-66, Dir. of Nautical Training Centre; 1967-68, United Nations (IMCO) Maritime Expert in Nigeria; Hebrew textbooks on: adjusting magnetic compasses, nautical astronomy, etc.; 1st Israeli to achieve acad. degree Extra Master.

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KLONER (Land), Ada H.; Natl Treas., Mizrachi Womens' Org. of America, 67-; b. USA; ed.: City Coll. of N.Y., Theol. Smnry of N.Y.; m. Harris Kloner, 1951; p.: Natl Vice-Pres., MWOA; Natl Life Mbrship Chmn; Chmn of Vocat. Training & Educ. Dpt.; Controller f. N.Y. Region; one of the ten girls who originally org., Junior Mizrachi Women Org., 36; Life mbr of: Hadassa, Brandeis U., Yeshiva U. Womens' Div.; mbr.: Womens' Div., Einstein Med. Coll.; Exec. C'tee, Ntl Womens' Div., Bonds; Red Magen David; Red Cross, Cancer Group; Bklyn Academy of Music Philharmonia; recip.: Eleanor Rosevelt Award, 1967.

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Kibbutz Merhavia, Emek.

KOCHAV (Stern), David; economist; snr vice-pres., Tahal Consulting Engeneers, Ltd., (past); now econ. advis., Min. of Def.; b. 1929, Lithuania; educ.: Hebrew U. (M. A. in Econ., Statistics & Sociology); 53-62, dir., Research Dpt., Bank of Israel & econ. adviser to Minister of Fin.; 62-65, dir., Econ. Planning Auth., Govt of Israel; 65-69, Econ. Adviser, World Bank, Washington D.C.; to Israel, 1939; mbr: Am Econ. Assn; Israeli Assn of Soc. Sciences; aw., Konig Prize f. paper on "Import Policy to Israel" submitted to Hebrew U.

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KOGAN, Jacob; Dr. in law & soc. sci.; Visit. Prof., Contemp. Philos., Haifa U.; b. 15.10.1911; to Israel, 1970; ed.: Buenos Aires & La Plata U-ies; m. 1944; p.: lawyer; Chmn, Phil. Dpt., Buenos Aires U., 55-56; books (all in Spanish): Kant's Aesthetics and its Metaphysical Bases; The Language of Art (Psychology & Sociology of Arts); Art & Metaphysics; Literature & Knowledge; "Husserl"; "Kant", The Origin & Development of the Idea of Objective Mind (Law & Ethics); Literature & Metaphysics; essays on Phil., Ethics & Aesthetics, etc.
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Asst. Gen. Counsel, NAACP, 43-46; fcty of law & publ. adm., NY U., 38-46; fcty New Sch. f. Soc. Res., 44-46; mbr, Fed. & NY State labor arbitration panels; Founding Edit., Indust. & Labor Relat. Review, 46; Visit. Prof., H.U., 70; Israel Goldstein Lctr., H.U., 70; Paley Lctr., H.U., 68; mbr, Comm. to reorg. WZO, Govrng Cl. AJC; Fllw Am. Assn. f. Jew. Educ.; co-ed., Jew. Soc. Studies; advis. edit., Midstream; chmn, Natl Comm. f. Study of Jew. Educ., 58-59; chmn, Heb. Culture Fndn; publ. comm., Jew. Publ. Scty; Flwships: Guggenheim; Fnd f. Republic; Ford Fndn; Center f. Advanced Study in Behaviorial Sci, Stanford; Inst. f. Advanced Study, Princeton; publ.: "On the Nature of Value", "Alien & Asiatic in Am. Law", "Constitution & Civil Rights", "Civil Rights in Immigration", "Bill of Rights Reader", "Fundamental Liberties of a Free People", "Expanding Liberties", "Judaism and Human Rights", etc.; Ed. brd., Encycl. Judaica; hons. f. gen. service & serv. to Judaism.

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acquired by museums, many private collectors in Israel & abroad; group shows: Sao Paolo, Brazil; "5 Artists", Rehovot; Art Gall., T.A., Museum Bat Yam; awards: Dizengoff Prize, 44, 54; Histadrut Pr., 66; Intl Exhib. of Art, Tokyo, 66.
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KRONGOLD, Henry; pres, Keren Hayessod-UIA Fed. f. Australia (pres. f. Victoria, 63-69); Chairman and governor director of Australian Wool Industries; b. in Lodz, Poland, 12.12.1909; att. Chinuch College, Warsaw, & Arts Coll., Warsaw; m.: Dinah Shemberg, 12.12.1942; ch.: Ronald, Dennis, Paul; att. the Israel Economic Conference in Jerusalem; pres., Welfare Scty Appeal & of the Mount Scopus Appeal; Natl Pres., Canberra Community Centre Appeal; p. treasurer Mount Scopus College, 58-62; mbr, brd of gvrnrs thereof, 58-68; for some time through war campaign in Polish army, escaped from Nazi occupation to Russia, once again under Russian occupation, fled via Siberia to Japan & to Australia, 1941.
Australia.

KROWN, Leo; B.A.; Director, in Israel, of State of Isr. Bond; b. 14.1.1916, New York; m. Sylvia Weinberg; 1 d.; educ.: Brooklyn College; diploma (meteorology) of U.S.A.F. Training School, 1943; Instructor (meteorology), U.S. Air Force, 1942; instructor & research assoc., Chicago U., 1943-44; chief, meteorological dpt, Israel Air Force, 1948-49 (major); dir., forecasting, division, Meteorological Service, Israel Govt, 49-54; joined Bonds Office, 1954; founder, Am. Habonim", 35; dir., New York Labor Z.O.A., 46; dir. "PATWA" in USA, 52-53; chmn, Assn of Americans and Canadians in Israel, 54-55; mbr, Am. Meteorol. Scty; res. articles in meteorology.
16 Hovevei Zion St., Jerusalem.

KRUPNICK, Samson; C.P.A.; bus. exec.; b. Berdichev, Russia, 16.1.1913; to Israel, 1965; ed.: Heb. Theol. Coll.; Heb. Teachers' Cert., Coll. of Jew. Studies; De Paul U., B.Sc.; grad. studies, U. of Chicago; C.P.A., U. of Illinois; m. Lillian Miransky, 1935; s.: Dr. Joseph, Rabbi Elia; d.: Deborah Bokor, Elissa Allerhand, Rachel; owner S. Krupnick & Co., C.P.As. Chicago; partner: Holiday Bowl, Detroit; Construction of Apts' & Commercial, Itri-Heights, Jer.; mbr of brd, Real Estate & Investments, Montreal, Chicago, San Francisco, Toledo, Des Moines, Springfield; Exporter-Importer (diamonds, carpets), Electronic Relays; p. pres. & partner in Hotel Enterprises — Chicago, Wash., N.Y., Indianopolis, Los Angeles; p.: mbr, Ac. C'tee, WZO; Vice Pres., Chicago Zion. Cl.; Vice Pres. & Trustee, JNF Cl.; mbr of brd, Israel Bonds; Pres. of the Chicago Jew. Acad.; Pres. of the Cl. of Trad. Synagogues & other Jew. rel & soc. bodies in USA; Chmn, Isr. Brd., Shaare Zedek Hospital; in Israel, member of boards: Mercaz Olami (Mizrachi), Shaare Zedek Hosp., Mosad Harav Kook, Inst. f. Sci. & Halacha, Un. of Synagogues in Israel; p. Pres., Syn. of Savyon; Moatzot Datiot Cl., United Mizrachi Bank, Ltd.; Bank Adanim Ltd., Maaleh Investment Co. Ltd., Keren Eretz Israel-Mizrachi, "Hatzofeh", Yeshivat Tiferet Israel-Ruzin; econ. columnist, Natl Jewish Post and Opinion, USA.
Pinsker St., Tower 3, Jerusalem; tel. 532721.

KRYSS, Josef; businessman; Pres., Evadin Industria E Commercio Ltda., Sao Paulo (excl. distrib. f. home appliances of Mitsubishi El. Corp. f. South Am.); b. 22.11.1926, Poland; ed.: H.S. in Poland; m.: Dina Joskowicz; 2 s.: Leo, Abe; Pres., "Sheerit Hapleita", Brazil. benef. assn f. the survivors of Nazism; Vice-Pres. of worldwide org. f. survivors of Nazism; Dir.: Temple Beth-El, Sao Paulo; Brazil-Isr. Cultural Assn, Sao Paulo; Friends of H.U. Jer. Assn.
212-10 Rua Rio de Janeiro, Sao Paulo 01240, Brazil.

KUBIE (Gottheil), Nora; writer; artist; b. NYC; ed.: Vasser Coll.; Columbia U.; active for UJA, Un. Wld. Federalists; Co-Chmn, MacDowell Colony (f. artists), N.H.; mbr: Artists' Equity, P.E.N.; Authors' Guild; mbr (own a studio), Artist's Village, Ein-Hod, Isr.; publ. 13 books; recip.: special citation f. juniors novel "Joel", Child Study Assn; Isaac Siegel Award f. "King Solomons' Navy".
Owenoke Park, Westport, Conn., USA.

KUFELD, Frieda C.; educator; principal, Public Sch. 159, Queens, NY; b. 14.4.1922, Brooklyn, NY; ed.: Hunter Coll., B.A.; N.Y. U., M.A.; J.Th.S.; m.: William M. Kufeld; s.: David; p. Natl Pres., Junior Mizrachi Women; p. secr., Young Zionist A.C.; Deleg., 22nd WZC, Basel, 46; p. vice-pres., NYC Principals Assn; mbr: Mizrachi Women's Org., Am.; Jew. Teachers Assn; Orthodox Jew. Teachers Assn; NYC Elementary Principals Assn.
22 Hawthorne Lane, Great Neck, NY 11023, USA.

KUGELMASS, Shlomo; Ph.D. (Psychology); Dean, Fcty. of Soc. Sci., H. U., 71-; Dir., Human Develop. Center, Dpt of Psychology, Hebrew U.; b. 7.4.1926, N.Y.; educ.: B.A. George Washington U.; Ph.D., Columbia U.; to Israel, 1954; m. Judith Oxenhandler; ch: Ronit, Oren, David; p. Assist., Columbia

U., 51-53; Research Psychologist, N.Y. State Psychiat. Institute, 52-54; Psychol., Kfar Shaul Mental Hospital, 54-56; Dpt. of Psychology, Hebrew U., 1957; publi.: Critical Flicker Fusion (American Journal of Psychology, 1955); Sensori - Motor Induction Syndrome (Acta Psychologica, 1957); Perception of Parents (Human Relations, 65-66); Development of Moral Judgement (Child Development, 1967); GSR Reactivity and Ethnic Origin (Journal of Applied Psychology, 68).
52 Shikun Nayot, Jerusalem. Tel. 34030.

KUKIN, Ira; Prof. of Chem.; Pres. Apollo Chem. Corp.; b. 4.4.1924, New York; ed.: B.S., City Coll., NY, 45; Harvard U. — M.A., 50; Ph.D. Colloid chem., 51; m.: Doris Liener, ch.: Marrick Lee, Lori Sue, Jonathan L.; to Israel, 1971; p. Dir. of Res. Sonneborn Chem. Refining Corp.; p. Dir. of Additives Res., Gulf Oil Corp.; publ. extensively on petroleum additives, air pollution & power techn., petroleum refining, bus. mng.; guest lectr. f. Natl Petroleum Refiners Assn; found. & pres., Cngrn Ahawas Achim B'nai Jacob & David, W. Orange, NJ; mbr: Am. Chem. Scty, Am. Scty f. Lubrication Engrs, Natl Assn of Corrosion Engrs. Am. Inst. of Chemists, Assn of Harvard Chemists, testified before Spec. C'tee to Investigate Air Pollution of the C. of NYC.
45 Edgemont Rd., W. Orange, N.J., USA.

KULKA, Erich; hist., writer; res.-worker, I. f. Contemp. Jewry, H.U. Jer.; b. Vsetin, Moravia, CSR, Febr. 1911; to Israel, 1968; techn. ed., p. expert in woodworking indus.; detained f. anti-nazi activity (39) and deported to Auschwitz-Birkenau; active in the underground resistance movt. in Auschwitz; after the war, active in the CSR Comm. of War-Crimes, testified against SS-men in various intl trials; free-lance scholar & writer, mainly on the Holocaust period, 46-; persecuted f. Jew. activities, during the communist-antisemitic campaign in CSR; publ.: We Deaths Accuse, Vsetin 45; The Death Factory, Prague 46; The Frankfurt Trial, Prague 64; Here the Traces of SS End, Bratislava 64; Judges-Prosecutors-Advocates, Prague 66; Escape from the Death Camp, Prague 67; The Kidnapping f. San Fernando, Prague 68; Codeword Ink-pot, Tel Aviv 70; Czecho Slovak Jewry during the Hollocaust, Jer. 71; Czechoslovak Jewry's Resistance against Germans in the World War II, Paris 72; American documents about the bombing of Auschwitz-Birkenau, Tel-Aviv, 73; co-author of other works & contrib. to various sci. periodicals in CSR, Poland, Germany, England, USA & Israel.
14/27, Simon Bolivar, Kiriat Ha-Yovel, Jerusalem.

KUN (Davidovits), Heddy; painter; b. Zagreb, Jugoslavia, 1936; to Israel, 1956; ed.: Academy of Fine Arts, Budapest, 51-55; m. Zeev Kun, 1957; d. Shoshana; exhibitions in Tel-Aviv & abroad (Hungary, London, Sydney, New-York); active in the Wizo organization.
72, Schlomo Hamelech St., Tel-Aviv; Tel. 239445.

KUN, Zeev; painter; b. Hungary, 16.4. 1930; to Israel, 1950; ed.: Academy of Fine Arts, Budapest, 47-50; Academy of Arts, Vienna, 52-55; m. Heddy Davidovits; exhibitions in Jerusalem & Tel-Aviv; his works acquired by private collectioners & Museums in Canada, Bruxelles, Paris, London, Sydney, New-York, Los Angeles, Detroit.
72, Schlomo Hamelech St., Tel-Aviv; Tel. 23944.

KURZ, Otto; M.D., ophtalmologist; Prof. Emeritus; Head, Ophtalm. Dpt., Beilinson Hosp.; b. C.S.R., 1903; to Israel, 1948; ed.: Prague U., Med. Fcty; m. 1936; p. Resident, U. Eye Clinic, Prague; Ophtalmic Surg., Cantonal Hosp., Arrau, Switzerland; Clin. Assoc. Prof., Tel-Aviv U.; mbr: Isr. Ophtalm. Scty (past President); Swiss Ophtalm. Scty; publ.: mostly on ophtalmological themes in sci. professional journals.
11, Yonah Hanavi St., Tel-Aviv, P.O.B. 4322.

KURZWEIL, Zvi E.; Ph.D.; Professor of Education; Head, Dpt. of Gen. Stud. & Teacher Train.; Chmn, C'tee of Humanistic Studies, Technion; b. Pirnitz, CSR, 29.7.11; m. Paula; d. Naomi; s. Abr., Michael; to Israel, 1950; f. Inspector of Jewish Education, London; author of scholarly articles and books on education, i.a. Modern Trends in Jewish Educ.; Anxiety & Education; Educ. in a Technological Society (Hebrew); The Educ. Activities of Janusz Korczak (Hebrew).
130 Hagalil St., Haifa; tel. 235775.

KUT, Siegmund; Dr.; company dir.; recognised authority in paints & surface coating indus.; mbr of c'tees in paint & plastics indus.; active in B'nai B'rith; b. 7.5.1927, Berlin; ed.: London U. — B.Sc., Ph.D.; F.R.I.C.; F.T.S.C.; m.: Charlotte Grun; 3 s.: Jacob Gordon, Stuart Anthony, Elliot Mark; lctrs at intl confer.; publ. articles in many countries, dealing w. paints, surface coatings, powder coatings, decoration of plastics (by vacuum metallisation & painting), pipe coatings; reviews on new. devel., etc.
3 Park Way, London N.W.11, England.

KUTAI, Ari; actor; b. Odessa; m.; educ.: polytechnic & drama school, Russia; to Israel, 1921; appearances on Broadway & in Hollywood; with "Habimah" since 1932; roles in "The Brothers Karamazov", "Dybbuk", etc.
6. Basle St., Tel-Aviv. Tel. 44367.

KUTTIN, Eliezer Shmuel; Dr. Med. Vet.; researcher, Isr. Inst. f. Biological Res.; visit. lctr., Tel-Aviv U. & Bar-Ilan U., 69-; b. Tel-Aviv, 12.2.1937; ed.: Tierärztliche Hochschule, Wien; secr., treas. & c'tee mbr., Isr. Scty. f. Med. Mycology; mbr.: Med. Vet. Assn.; I.S.H.A.M.; publ. on vet., pathol. & mycological topics.
28, Habilujim St., Gedera; tel. (055)91223.

L

LACHISH, David; auditor, C.P.A.; General Manager, Atlantic Fisheries Co. Ltd., 69-; b. Israel, 1929; ed.: Haifa Techn. H.S., Haifa University; m. Ester Rosenthal; ch.: Aharon, Amirel; w. IDF, 47-55; studied & practised accountancy, 55-60; self-employed accounting business, 61-69.
20, Hankin St., Haifa.

LACHOVER, Yeshayahu; Gen. Mng., Paz Oil Co. Ltd., Haifa; Ministry of Defence, 1951-56; b. Poland, May 1, 1918; m. Miriam Shancer; educ.: High School of Commerce, Tel-Aviv.
4, Hagefen St., POB 434, Haifa.

LADIZENSKY, Tikva; mbr World WIZO exec.; co-chmn, Child Care Dpt; b. in Russia; to Isr., 1920; studied, Physics & Mathematics at Russian U-ies; active in Zion Youth Movs, & Mbr., Council f. Aid of Pogrom Victims, Russia; active in WIZO, s. 1921.
24, Netiv Ofakim, Haifa.

LADOR (Lederberger), Mordehai; Assist. Dir. Gen., J.N.F. (on loan from M.F.A.), 72-; p. Ambassador to Freetown (Sierra Leone). 70; b. Hamburg, 2.7.1923; m.; to Israel, 1938; on mission to UNRRA camps in Europe, 47-49; Secretary, Productivity Department of Histadrut, 1949-56; mission on behalf of Jewish Agency to Scandinavian countries, 57-59; Histadrut Pol. Dpt, 59-61; Charge d'Affairs, Katmandu, 61-64; Councillor, Israel Emb., Washington, 64-67; w. Min. of Foreign Affairs, Jer. (Head, Dpt. of Intl Cooperation), 67-70.
Ministry for Foreign Affairs, Jerusalem.

LAHAV, Eitan; Ph.D., biochem.; Prof. Hon., Royal Vet. U. Copenhagen; Head, of Sci., Israel Bio Chem. Inst. f. Quality Control, Res. & Devel., Tel-Aviv, 72-; snr sci. at Volcani Inst., Beth Dagan & at Royal Vet. U., Copenhagen; Rector, U. f. External Studies, Tel-Aviv, 70; Head, Dairy Sci. — Biochem. & Bacteriology Div., Volcani I., Beth Dagan, 63-; b. Tel-Aviv, 16.4.1933; ed.: Royal U., Copenhagen — B.Sc. Eng.; M.Sc., Biochem.; H.U. Jer., Ph.D.; m. Ina Kendjerski, 1965; d.: Alona, Galia, Ruth; Lctr in Chem. & Bacteriology; cnslt & mbr, "MATI" (Israeli Standards I.), comms of chem. & bacter. analysis; vice-pres., chem. analysis comm., Intl Daily Fed.; chmn, govtl. tenders comm. (of medicinal positions); mbr, res. comm., Isr. Dairy Brd; Snr Sci., Inst. of Agr., Rehovot, 59-63; Head, Analytical Lab., Fcty of Dairy Chem. & Bacter., Royal Veterinary U., Copenhagen, 64-66; mbr: Isr. Assn of Eng. & Arch.; Isr. Inst. of Chem. Eng.; Royal Dannish Assn of Biochem. (Dansk Magisterfoenig DM, Denmark); Intl Dairy Fed.; Am. Dairy Sci. Assn; Assn of H.U. Graduates; books: Laboratory Procedures — Chemistry & Bacteriology; Laboratory Procedures — Organ. Chem.; 25 sci. papers, review & intl seminars lctrs; Novel polypeptidic antibiotic substances derived f. casein (patented in England, Belgium, France, Israel); patents applied in 20 other countries; First Prize, Danish Research Award Competition, 1964.
5, Margolin St., Rishon Lezion; Tel. 941067.

LAHAV (Shneidmesser), Jacob; engineer; industrialist; Gen. Mng. "Lahav", Ltd. (founded upon his leaving army service, after War

II); reached 1,5m. dollar mark in exports of "Lahav" products; m. Judith Shapiro; 1 s.; 3 d.; acad. educ.; to Israel, 1919.
Kfar Shemariahu, 85, Hazorea St. Tel 938865.

LAHAV, Yohanan; journalist; city-editor, "Yedioth Aharonot", 66-; b. Bulgaria, 3.10.1930; to Israel, 1943; ed.: LL.B., H.U. Jer., Tel-Aviv branch, Fcty of Law; m. Zipora Grossman, 1953; 2 d.; p. practicing lawyer; author of "Lelo Charata" (a novel).
39, Thon St., Holon; Tel. 844560.

LAKS, Itzchak; C.E.; civil eng.; p. Exec. Dir., "Herouth" Ltd., 62-70; Exec. Dir., Build. Div., Building & Public Works of Solel Boneh Ltd., 71-; b. 20.12.1923; m. Sarah Rosenblum; 1 s.; 2 d.; ed.: Technion Haifa; to Israel, 1936; engineer, Solel Boneh, 52-58; Dir. of branch, Solel Boneh, 58-62, building public & hydraulic works.
75 Einstein St., Tel Aviv. Tel. 410872.

LAMED, Louis; Hon. chmn., Coll. of Jew. Studies, Detroit; LL.B. Att. at Law; Pres. Lamed Invest. Co. Inc.; b. 22.7.1897, Novo-Ushitza, Ukraine; ed.: Kamenetz-Podolsk Yeshiva; Odessa Yeshiva; High Sch., Detroit; U. of Detroit Law Sch., 23-26; m.: Esther Bookstein; d.: Barbara Rosen, Renah Bardenstein; mbr, Exec. C'tee: Jew. Comm. Cl.; Un. Heb. Schs.; Jew. Hist. Ccty., all Detroit; p. chmn: Ed. Division, Jew. Welf. Fed.; Jew. Cult. Comm., Sholem Aleichem Folks Inst., Detroit; mbr: Lab. Z.O., Histadrut Cmpgn, ORT; fndr: Louis Lamed Fndn. f. Advancement of Heb. & Yidd. Lit.; Lamed Chair of Jew. Stud., Wayne State U.; publ.: "Bilingualism in our Jewish Literature"; "Achisefer" — Anthol. of Yidd. Poetry in Heb.; "Kiddush Hashem" — Anthol. of Jew. Martyrdom through the ages; etc.; awards from: Natl Fndn f. Jewish Culture; Mich. Acad. of Sci., Art. & Litters; Authory Wayne hon..
19420 Silvercrest Ave, Southfield, Mich. 48075, USA.

LAMM, Hans; Pres. Jew. Community, Munich; Ph.D.; Munich pres. & brd mbr all Germany, Friends of H.U.; active in KH & KKL; b. 8.6.1913, Munich; p. cult. dir., Central Cl. of Jews in Germ.; p. res. dir., Jew. Cmmty Cent. & Jew. Wlfr Fed., Kansas City, USA; p. assist. dir., Am. Zion. Emergency Cl., N.Y.; p. res. assist., Am. Jew. Trecentenary c'tee, N.Y.; contrib. to Jew. periodicals, 30-; edit., Allgemeine Wochenzeitung der Juden in Deutschland; author & contrib. to books on Heine, 56; the Jews of Munich, 58; Heuss & the Jews, 63; Karl Marx & Judaism, 68; recip. Joseph E. Drexel-Prize, 67; many trips to Isr., 36-.
8 Emil Rieder St., Muenchen 22, West Germany.

LAMM, Joseph Michael; Dr. jur.; Relieving President, District Court, Tel-Aviv (ret. 1969); Chmn; Israel Consumer Cl., 70; Cl. of the T.A. Mun., "Golden Age People"; Sovereign Comm. of Scottish regth; President, Israel Football Association 1955-1959; b. Wigdorowska, 12, 1, 1899; m. Emmy Spielberg; educ.: Vienna U.; High School for International Trade, Vienna; to Israel, 1939; prosecutor, 42-48; magistrate, 1949; M.K. (Mapai), 1949-51; lecturer, Tel-Aviv U. (Political Science), 1956-; p. mbr, Vaad Leumi, & Assefat Hanivharim; p. Grand Master of Freemasons, Israel; Chmn, Supreme Appeal Brd of Employment; p. Chmn, Public Fares' Authority; Vice Pres., Bnei Brith Supreme Lodge Washington; p. Pres., Bnei Brith Grand Lodge of Israel; contrib. to press, on legal & economic topics; perm. columnist "Haaretz", 69-.
75 Jabotinsky St., Tel-Aviv.

LAMM, Norman (Nahum); Rabbi, Dr.; Rabbi, The Jewish Center, N.Y., 58-; Erna Michael Prof. of Jew. Philosophy, Yeshiva U., N.Y., 68-; b. Brooklyn, N.Y., 19.12.1927; ed.: Metivta Torah V'daat HS; Yeshiva Coll., B.A.; ordained Rabbi, R. Isaac Elchanan Theol. Smnry; Bernard Revel Grad. Sch., Ph.D.; Brooklyn Polytech. Inst.; m. Mindella Mehler, 1954; d.: Chaye, Sara; s.: Joshua, Shalom; Rabbi, Cngrn Kadimah, 54-58; editor "Tradition", 58-62; mbr, Brds of Dirs: Am. Zion. Youth Fndn; Un. of Orthodox Jew. Cngrns; Gesher Fndn; mbr, Brd Gvnrs, Assn of Orth. J. Sci.; p. chmn, N.Y. Conference on Soviet Jewry; p. chmn of Brd, Yavneh Religious Students Org.; publ.: A Hedge of Roses, 66; The Royal Reach, 70; Faith and Doubt, 71; Torah Lishma (Heb.), 72; co-editor: A Treasury of Tradition, 67; The Leo Jung Jubilee Volume, 62; writings cited twice in decisions of U.S. Supreme Court; testified as witness on Jewish Law, U.S. Senate Jurid. Comm.; author of "Rosh Chodesh Plan", introduced to the Knesset, 71; Abramowitz-Zeitlin Lit. Aw., Jer., 73.
131, W. 86 St., New York, N.Y. USA.

LAMM, Samuel, artist; b. Brody, 1905; m. Pnina Cohen; educ.: Fine Arts' Academy; to Israel, 1933; painter of Israeli landscapes, portraits of Israeli poets, writers & various personalities; shows at Tel-Aviv, Haifa museums, art galleries; also New York, 1953, 1954; Paris, 1954, 1956 (Musee de l'Art Moderne); semi-jubilee exhibition at Chagall House, Haifa, 1958; again Haifa, 1960, New York, 1961, 1962, 1963; Jerusalem, 1963; "Album of Paintings by S. Lamm", published by Masada Ltd. & several other albums; recip. First Prize of Seascape, 71; works in permanent, private collections in Israel, USA, France, England, South Africa, Italy; participated Intl Exhibitions, USA, France; paintings in local museums.
32 Hashiloah St., Haifa. Tel. 62920.

LANCET, Moshe; M.D.; Snr Clin. Lctr, H.U. Jer.; mbr, Fcty of Cont. Med. Studies, Tel-Aviv U.; Head, Dpt. of Obstetrics & Gynecology, Kaplan Hosp., Rehovot, 67-; b. Rumania, 1.5.1923; to Israel, 1925; ed.: "Herzlia" sec. sch., T.-A.; Am.

U. Beirut; U. of Geneva; m. Shifra Ginsburg, 1946; s. Doron; d. Nava; secr. & founding-mbr, Isr. Fertility Assn; mbr, T.A. C'tee of Isr. Scty of Obst. & Gyn.; p. assist., Dpt. of Obst. & Gyn., Hakirya Hosp. T.A. (w. the late Prof. Asherman); Pres., south. sctn, Isr. Med. Assn, 68-71; mbr: Federation In ternationale de Gynecologie et Obstetrique; Intl Fertility Assn; Intl Fed. of Fertility Assns; Intl Scty of Psychoprophylaxis in Obstetrics; publ.: more than 30 sci. papers in Isr. & abroad; introduced new methods in his field; instrumental in the popularisation of med. topics through newspapers, journals, etc. & lectures, chiefly on sex education (one of its trailblazers in Israel); 2 popular books (in Hebrew): "The Birth", f. expectant mothers; "Behind the Fig Leaf", sex education f. the young.
15, Weizmann St., Rehovot; Tel. 03-952783.

LANCET-FRYE, Batia; actress; p. mbr, founder, "Cameri", 1946; b. Hungary, 1922; to Israel, 1924; 2 d.; joined British Army, 1941; "Actress of the Year", 56-57, for title-role in Lorca's "Yerma"; Klausner Prize, 1959, as "best actress", for role of Eliza Gant in "Look Homeward Angel"; "I Like Mike" & "The Hero's Wife" (films dir. by Frye).
2 Mazal Dagim Lane, Jaffo Old City; tel. 828884.

LANDAU, Baruch; M.D.; Chief Physician, Dpt. of Endocrinology, Beilinson Med. Center; Snr Lctr in Endocrin., Tel-Aviv U Med. Sch.; b. 1920, Wilno, Poland; to Israel, 1938; ed.: H.U. Jer., M.D., 52; Beilinson Hosp., Dpt. of Intern. Med., 52-58; postgrad. studies at Mt. Sinai Hosp. & Sloan Kettering Memorial Hosp., N.Y., 58-61; m.: Ritta Sand, M.D.; 2 s.; w. British Army Royal Engs, 41-42; mbr: Isr. Scty of Endocrinology, Isr. Scty of Intern. Med.; publ.: papers on gonadotrophin-inhibiting factor as well as on other aspects of endocrinol. & intern. med.; recip.: Jaffe Award, 63.
63 Hamarganit St., Ramat-Gan; tel. 727141.

LANDAU, Erika; Ph.D.; Dir., Young Persons' Inst. f. the Promotion of Art. & Sci., Haaretz Museum, Tel-Aviv; Psychotherapist, Mental Health Clin., Tel-Aviv; b. 15.10.1931, Rumania; to Israel, 1947; ed.: Tel-Aviv U., B.A. (History, Philos.); Ludwig Maximillian U., Munich — Ph.D. (Psychol., History of Art); m.: Shlomo Landau; Sci. Secr., Isr. Assn f. Future Res.; mbr: Isr. Psychol. Assn, Tel-Aviv; Wld Assn f. Future Res., Wash.; Creative Ed. Fndn, Buffalo; Wld Acad. of Art & Sci., N.Y.; books: Psychologie der Kreativitaet, 69, 71 (German, Japan., Hungarian, Spanish); Creativity (Heb.), 73; articles in var. sci. publ.; congrss: INSEA, Praha, 66; Psychother., Wiesbaden, 68; ICOM, Koln, Munich, 69; Future Res., Kyoto, Japan, 70; Environment & Scty in Transition, N.Y., 70; Future of Human Ageing, Zuerich, 71; Future Res., Bucharest, 73.
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LANDAU, Haim; eng.; M.K. (Gahal); Minister of Development, 69-; mbr. Exec. C'tee, Herut; b. Cracow, Sept. 10, 1916; m.; 1 s.; educ.: Hebrew Technical Institute, Haifa; to Israel, 1935; building engineer, -1942; underground Chief of Staff, I.Z.L., 44-48.
28 Semadar St., Ramat-Gan. Tel. 721505.

LANDAU, Jacob; M.A.; Ph.D.; Assoc. Prof. of Political Sciences, Hebrew U.; of Arabic, Bar-Ilan U.; b. Kishinev, 1924; son of Dr. Michael Landau; m. Zipora Marcus; 1 s.; 1 d.; educ.: Hebrew U.; School of Oriental & African Studies, London; teacher of Arabic, Herzliya College, 46-47; dep. principal, Hebrew College, Beth Hakerem, Jerusalem, 49-55; lecturer at Brandeis U., 55-56; Fulbright Visit. Prof., U.C.L.A., 63-64; Wayne State U. & Columbia U., 68-69; snr lectr & s. 68 Assoc. Prof., res. work, WJC, Tel-Aviv; author: "Parliaments & Parties in Egypt"; "Studies in the Arab Theatre & Cinema"; "Word Count of Modern Arabic Prose"; "Arabic as a Frgn Language" (Hebr.); "Israel", introduction by Dr. N. Goldmann (Germ.); "Jews in 19th Century Egypt" (Hebrew & English); "History of Arab Lit.", jointly w. Prof. H.A.R. Gibb; "The Arabs in Israel" (Hebr. & Eng.); "The Hejaz Railway & the Muslim Pilgrimage"; "Man, State and Society in the Contemporary Middle East"; "Middle Eastern Themes".
5 Mishael St., Jerusalem. Tel. 31357.

LANDAU, Michael; Dr. jur.; Chmn of: Mifal Hapayis, S. Lott., 51-71; Meonot Amamiim, Housing Socty; Tel-Aviv Museum; Exec. C'tee, "Habima" Theatre; P.M.'s Fund f. Hebrew Writers; brd. of dirs, Weizmann I.; Chmn, 1 Mai Fund, 70; mbr, Exec. Ind. Lib. Pty; b. Rum., 7.1.95; m. Miriam Abeles; 1 s.: Dr. Jacob Landau; educ.: Grenoble U.; Jassy U.; Chmn., Federation of Rumanian Jews, 41-49; mbr., Rumanian Parliament, 28-34; to Israel, 1935; p. dir. of National Loans; p. Dep. Commissioner, Inland Revenue, -56; Commissioner, Govt. Corporation, Min. of Finance, -57; Chmn, Intl. orgn. of State Lotteries, -1960; author of "Schwarzbard Trial", 27; "Comments & Interpretations, Laws on Compulsory Loan"; "A Manual on Lotteries" (French, 67; English, 68); "My Life & Struggles" (Massadah, 70); do, in Rumanian language (Bronfman & Cohen, 71); articles in Israeli, European & American periodicals on political, legal & social topics; p. edit., Yiddish daily "Der Yid", 20-22; "Unser Zeit", 22-34 (in Rumania).
44, Chen Blvd., Tel-Aviv; tel. 263931.

LANDAU, Moshe; LL.B.; Supreme Court Justice, Jerusalem; b. Danzig, 1912; m. Lea Doukhan; 3 d.; educ.: London U.; to Israel, 1933; in private legal practice, 1933-40; Magistrate, Haifa, 40-53; Judge District Court, Haifa, 48-53; Supreme Court, 53-; Presiding Judge, Eichmann trial, 1961.
10, Alharizi St., Jerusalem.

LANDAU, Sol; Rabbi, Ph.D., MHL, M.A., B.A.; Pres.: S.E. Rabbin. Assbly; Dade County Mental Health; mbr, Brd. of Tech-

nion, Fla.; b. 21.6.1930; ed.: Bklyn Coll., N.Y.U., J.Th.S., Florida State U.; m.: Gabriela Mayer; ch.: Ezra, Tamara; serv. US Army World War II; moderator, TV Rabbinical program; p. Pres., Gt. Miami Rabbinical Assn.; p. chmn: County Youth Brd.; Dropsie U., Miami; mbr: Am. Assn of Univ. Profs., ZOA, Jew. War Vets., Un. Syn. of Am.; publ.: "Christian-Jewish Relations", "Length of our Days", "Bridging Two Worlds"; recip. Jerusalem Bonds of Isr.; citation of City of Miami.

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LANDER-ELAD, Pinchas; writer, journalist; b. 1903, Ropczytze, Poland; grad. Teachers Smnry; to Israel, 1931; m. Varda Kunica; ch.: Osnath, Naftali; p. teacher, Hehalutz trainee; p. editor, World Hehalutz Journal "Heatid"; poet, essayist, literary critic; on the editorial board of "Haaretz", 34-68; publ.: poems "Al Eretz Zo" (42), "Mizraha Shemesh", 58; "Kreach Sade", 62; "Shdemot Moledet", 46, etc.; p. mbr. Central C'tee, Hebrew Writers Ass'n, editor of many of its publications; mbr., Journalists Ass'n, "Akum", PEN-Club, etc.; translations into Hebrew (i.a. "Othello"), etc.

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LANDES, Morris A.; Rabbi, Ph.D.; b. 1917, Poland; ed.: Yeshiva U., B.A.; U. of Pittsburgh, Ph.D.; grad. work at Harvard U. & Dropsie Coll.; m.: Naomi Borkon; ch.: Nina, Sharon, Marc; Rabbi, Cngn Adath Yeshurun, Pittsburgh; p. Rabbi Cngns in Lynn, Mass.; Johnston, Penna.; Lancaster, Penna.; chmn: Syn. Cl. f. State of Isr. Bonds; Israel's 25th Anniversary celebrations, Pittsburgh; p. Pres. Natl V.P. of ZOA; Pittsburgh ZOA; p. mbr, Natl Brd, Am. Zion. Fed., co-chmn, Religion & Race Cl.; p. Cult. chmn, Pitts. B'nai B'rith Cl.; p. Pres.: Pittsburgh Chptr AJC; Pittsburgh Rabbin. Fllshp.; delivered Invocation at U.S. Senate on Israel's 20th Anniv.; publ.: "Trends in American Jew. Thought", 54; recip.: Justice Brandeis Award f. Work f. Israel; Man of the Year, Isr. Bonds 61; Man of the Year, Tri-State Zion. Reg., 63.

Cong. Adath Jeshurun, Margarette & N. St. Clair Sts., Pittsburgh, Pa, USA.

LANDESMAN, Ytzhak; farmer; Managing Director, Central Tnuva Ltd., 70-; Chmn, Regional Council, Hagalil Haelyon, 70-; b. 14.2.1930; ed.: Kadoury Agric. HS; Tel-Aviv U. (Bus. Adm.); m. Hana Memran; 2 s.; 2 d.; mbr, kibbutz Ayeleth Hashachar (in various capacities: treasurer, Merakez Hameshek); mbr of the leading bodies of the Labour Align. ("Maarach"), Hamerkaz Hachaklay, Scr. of Hevrat Haovdim, etc.

Ayeleth Hashachar, Doar-Na Galil Elyon; and 17, Yehuda Halevi St., Tel-Aviv, Tel. 59511-9.

LANDESMANN, Peter; businessman; Chmn, European Food C'tee, Israel Economic Conf.; mbr presid., Keren Hayessod, Austria; mbr presid., Austria-Israel Chamber of Commerce; dipl. agric. eng.; b. Vienna, 4.10.1929; grad. Agric. U.; m.: Ellen Urabin; ch.: Michael, Mark, Sandra.

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LANDMAN, Amos; B.A.; Ports Adviser, Israeli Ports Authority, Haifa; b. Beirut, 1904; m. Aviva Tourovsky; 1 s.; 1 d.; educ.: American U., Beirut; Asst., Dpt. of Mathematics, A.U.B., 25-28; Acting Registrar, A.U.B., 28-34; Asst. Dir., French Secondary School of A.U.B., 34-37; Gen. Secret., Solel Boneh Ltd. & affiliated companies, 37-48; Port Manager Haifa, 48-68.

2 Givon St., Ahuza, Haifa.

LANDMAN, David; Rabbi; b. Adjud, Rumania, 12.3.1913 (son of well known Rabbi Motel Landman); to Israel, 1960; theological, rabbinical & general educ.; m. Debora Landman (writer & poetess, daughter of Rabbi Zwy Landman), 1940; s. Ury-Pinchas, Menachem; d. Malka; p. mbr: Rabbinical Coll., Bucharest; Rumanian Natl Peace C'tee; deleg. to Intl Congress of Students, Bucharest 52; author of: "Imrei David" (biblical sermons), & "Zemach David" (halachot).

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LANDMAN, Debora; writer, poet; b. in Moinesti, Rumania; m. Rabbi David Landman, Nathania; ch.: Ury-Pinhass, Menachem, Malka; att. courses in music (piano, violin); to Israel, 1960; publishes regularly in "Menorah", Revista Mea, Revista Familiei & Idishe Zeitung, Tel Aviv; 1 vol. of poetry "Sasson Ve-Jagon", 71; in prep., a new volum of Hebrew poetry.

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LANGNAS, Saul; Ph.D.; Mag. Jur.; dir. of companies and Investments Dpt., Jew Agcy; b. Lwow, 1910; m. Nadia; 1 d.; 1 s.; mbr. edit. brds, several newspapers in Poland & Israel; Dir., Jewish Agency, Warsaw, 46-48; Immigration officer, State of Israel. Warsaw, 48-49; exec. mbr, Liberal Party; mbr, Brd of Dirs: Yachin Hakal, Idud, Mercaz Gmach; exec. mbr, W.J.C.; p. editor, "Noviny-Kurier", daily (Tel-Aviv).

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LAOR, Dov; Gen. Mng., Isr. Automobile Corp., 73-; Brig. Gen. (Res.); b. 28.6.1920, Germany; to Israel, 1939; ed.: HS in Germany; Ind. Mngmnt in USA; attend. techn. sch. in USA; m.: Sabine Margules; 1 s.; 1 d.; served in Brit. Army (Royal Artillery), during 2nd Wld War; p. Dep. Chief of Logistics, IDF (p. Snr Staff & Command. responsibilities in Logistics System); p. w. Min. of Defence; purchasing mission to the USA, 63-66; mbr Chambers of Commerce: Isr.-Am., Isr.-Germany, Isr.-Gt. Britain.

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LAOR, Eran (p. Landstein Erik); executive; repres.: Jewish Agency Treas. f. Europe, 49-; J.A. Executive in Europe, 55-; perm. Isr. repres. to the Intergvt. C'tee f. European migration, 55-; Vice-Pres., Hollis Corp., Amsterdam, 59-; mbr, Brd Cifico Leumi Bank, Zurich, 65-; b. 1.6.1900, Cifer, Slovakia; ed.: High Bus. Sch., Bratislava, 18; priv. stud. in Philos. & Lit., Vienna, 20-25; act. in refugee rescue, 33; to Israel, 34; maritime bus. Haifa, 34-40; milit. serv., Palestine, Turkey, Lebanon, 40-43; refugee tranps. through Trukey, Syria, Lebanon to Pal., 43-45; relief parcel dispatch to Jew. refug. in Russia, 46; deleg. JNF in Persia, 46; Commiss. f. Sea Transport of Israel Gvt, 48-49; mbr, Brd of Dirs., Swiss-Isr. Trade Bank, 51-65; chmn, Brd Un. Rest. Org., Frankfurt A.M.; hon. treas., Jew. Trust Corp. f. Germany, London; various offices held in philantropic, relig., civic & prof. orgs.; publ.: poems, philos. works, essays & memoirs in Vienna, Geneva, Paris, Stuttgart. Israel.

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LAPID, Joseph; journalist, author; LL.B.; Edit. "AT", weekly magazine; mbr edit brd of "Maariv", daily; b. 27.12.1931 in Novi Sad, Jugosl.; to Israel, 1948, joined IDF; 53-57, Law School, 51-55, on the edit brd of Hungarian Isr daily UJ-KELET; 55, joined "Maariv"; 61, Secry Liberal Youth Group; m.: Shulamith Gilady; ch.: Michal, Yair, Merav; particip. Sinai Cmp & Six Days' War; publ.: "Very Important People", Massada, 63; "The Black Man's Burden", performed by The Cameri Theatre, 67; "Lapid's Guide to Europe", 70; "Coffee to Bed", 72; "Catch the Fief" (play, Habimah) 73; awards: Nordau, 63; Herzl (f. journalism), 71; Army Radio, 73.

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LAPKIN, David Theodore; Rector, U. of Haifa, 72-; b. 28.2.1922, Richmond, Virginia, USA; ed.: Harvard Coll., B.A. (cum laude), 42; Columbia U. — M.A., 47; Ph.D., 57; m.: Beverly; 3 ch.; serv. US Army, 42-45; Instructor of Econ., Coll. of William & Mary, Williamsburg, 47-48; Assist. & Assoc. Prof. of Econ., State U. of Washington, Pullman, 48-57; Financial Econ. & Advis. on Monetary Policy, Fed. Res. Bank of St. Louis, 57-59; Prof.: of Econ., Coord. of Principles of Econ. & Money and Banking courses, U. of N. Carolina, 59; Fullbright Lctr, Dpts of Am. Studies & Econ., H.U. Jer., 67-68.

University of Haifa.

LAQUEUR, Walter Zeev; Prof., Contemp. History, Tel-Aviv U.; Dir., I. of Contemp. Hist. & Wiener Library, London; b. Breslau, 26.5.1921; to Israel, 1938; m. Naomi Koch; 2 d.: Dr. Sylvia Graham, Shlomit; mbr: brd Brit. Assn of Contemp. Historians; Chmn, research board, Center of Strategic & International Studies, Washington; editor, Journal of Contemp. Hist.; Editor Survey, 55-65; Prof., Hist. of Ideas, Brandeis U., 67-71; publ. books: Communism and Nationalism in the Middle East; The Middle East in Transition; The Road to War; The Israeli-Arab Reader; The Struggle for the Middle East; Europe since Hitler; Russia and Germany; Young Germany; Out of the Ruins of Europe; The Fate of the Revolution; The History of Zionism; Rockefeller Fllw, 58, 62; Guggenheim Fllw, 70; Distinguished Writers' Award, Georgetown U., 69.

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LASKOV, Haim; I.D.F. Ombudsman, 72-; mbr, Inquiry Comm. into Yom Kippur War, 73; p. Dir. General, Israel Ports Authority; p. Chief o fStaff, IDF. (Rav Aluf); Authority; p. Chief of Staff, IDF. (Rav Aluf); b. Russia, April 1919; m. Shulamit Hen; ed.: British Military School; Oxford U.; to Israel, 1925; British Army, World War II; active service in Cyrenaica, Italy, Belgium, Holland; p. Chief of Training, IDF., commander, infantry and tank formations; commander Israel Air-Force, 51-53; military study tour in U.S.A.; Deputy Chief of Staff, Commander Armored Corps, 56-57; Commander, Southern Command; published military training manuals; contributor to periodicals, dailies, on political, military & management topics.

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LASOVSKY, M.M.; dir. of companies; pres., Central African Zion. Org.; Salisbury Heb. Education Board; Habonim Parents Cl.; b. 29.6.1924, Salisbury, Rhodesia; ed.: U. of Cape-Town — B. Commerce; m.: Joyce Sachs; s.: Kenneth; 2 d.: Barbara, Elizabeth; p. chmn: Salisbury Zion. Scty & Salisbury Isr. United Appeal.

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LAUFER, Milia; painter; b. 13.12.1912, Proskurov, Russia (maiden name, Milia Lerner); to Israel, 1930; 1 daughter; ed.: scndry sch.; Art Acad.; advance paint. study w. Tadeusz Richter; many one-man exhibs; take part in many group-shows in Isr. & abroad; mbr: Isr. Paint. & Sculpt. Assn; C'tee of Artists Colony, Safed.

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LAUFMAN (Cohen), Jean; soc. worker, 31-; life-mbr, Intl Exec. C'tee, B'nai B'rith Women; life-delg., Intl B'nai B'rith

Supreme Lodge; hon. life-mbr, Hollywood Chptr B.B. Women, 65-; Vice-Pres., Leo N. Levi Natl Arthritic Hosp.; trustee: Bellefaire Home f. Emotional Children; deleg. to International Conference on Soc. Work, London, 36-; b. London, 24.11. 1893; ed.: U. of London, B.A. (soc. & psychol.); U. of Chicago, Western Reserve Clev., Northwestern U. (sch. of soc. work); m. Arthur G. Laufman, 1918; s. Herbert; Soc. Work Supervisor, Chicago Relief Adm., 34-35; Dist. Adm., Chicago Wlfr Adm.; Dir of Recertification, Chicago, 35-36; Dir., soc. services, Illinois Selective Serv. System, 44-46; B'nai B'rith Women — Intl Pres., 45-47; Intl Dir., 47-57; mbr: Anti-Defamation League, 40-; Temple Beth-El & Sisterhood, Hollywood Fla.; Pub. Affs. Comm., Ill.; Natl Advis. C'tee March of Dimes; negociated transfer of Arab-abandoned property at Bait V'Gan f. B.B. Women's Home f. Emmotional Disturbed Ch., 51; publ.: Pamphlets on "Gypsies Seeking Public Assistance", 42; "Handbook on Leadership", 50; "Condensed Visual Parliamentary Law"; numerous plaques, testimonials, trees planted in Israel.

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LAU-LAVIE, Naphtali; Spokesman, Min. of Defence, 70-; p. corr., Haaretz; b. 23.6. 26, Cracow (Poland); educ.: High & Talmudical; to Isr., 45; m.: Joan Lunzer; ch.: Haya Naomi, Samuel Yoseph, Benyamin Zvi, Amihai-Yehuda; mission to East. European countries, f. aliya to Isr. (48-59); parliamentary, military, political correspondent & news editor (51-); publ.: articles in Ha'aretz; Books "Moshe Dayan — A Biography" (Valentine, Mitchell, London); "Piotrkow — A memorial Book for the Jewish Community" (published in Israel).

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LAUTENBERG, Frank; one of 12 Natl Chairman of U.J.A.; presently active as the Advance Gifts Chairman of the Essex County UJA campaign and as a member of the Board of Governors of the Essex County Chapter of the American Jewish Committee, his particular interest in the cancer research program of the H.U. Jer., has resulted in a research facility known as the Lautenberg Center for General and Tumor Immunology; first Vice-Pres. & Dir., Am. Friends of Hebrew University, a member of the University's International Board of Governors, and a Trustee of Mountainside Hospital in Montclair, New Jersey; Pres.-Founder & Dir. of Automatic Data Processing Inc., Clifton, N.J. and a member of the Board of Dir. & Pres. of the Assoc. of Computer Processing Service Comp.; Assoc. of the Columbia U. School of Bus.

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LAVEE, Shimon; Assoc. Prof. of Hortic. H.U., Fcty of Agric.; Head, Dpt. of Pomology, Volcani I.; b. Germany, 19.1.1931; to Israel, 1938; ed.: HS, Tel-Aviv, 49; H.U., Fcty of Agric., M.Sc. 55, Ph.D. 60; from junior to snr positions in research, Volcani I. & Fcty of Agric., 55-; various Ministerial c'tees in the field of hort.; Am. Scty Plant Physiol.; Japan Scty Plant Physiol.; Am. Scty Hort. Sci.; Intl Scty of Plant Tissue Culture; Isr. Botanic Scty; publ. in local & intl sci. periodicals on hort. topics; award: "Scientist of the Year", Volcani I., 1971.

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LAVENTHOL, Lewis Jacob; Cert. Publ. Accountant; Dir., Fed. of Jew. Agencies 55-; b. 5.8.1898, Camden, N.J.; ed.: U. of Penna., B.S. Economics, 21; m.: Sadye A. Horwitz; ch.: Henry Lee, Richard Gene, Susan Druckman; co-founder, partner Laventhol, Krekstein, Horwath & Horwath, Cert. Publ. Accts, Phila., 23; mbr: Am. Jew. C'tee, NYC; Am. Inst. & Pennsylvania Inst. of C.P.A.; N.Y. State Scty of CPA; Am. Accountant Assn; Cngn Rodeph Shalom (p. mbr, Brd of Trust.); Mt. Moriah Lodge 155; Cresc. Temple AAONMS; Excelsior Consistory-Scottish Rite; Locust Club, Phila.; Philmont Country Club (p. mbr, Brd of Dirs.); Golden Slipper Sq. Club, Phila.; Empire State NYC; etc.

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LAVI, Aryeh; Admin. Mng., K.V. Design International Ltd., 71-; b. New-York City, 25.10.1929; to Israel, 1950; ed.: U. of Michigan, Ann Arbor Mich. — B.Sc. Industrial Design; M.A., Design; Ph.D., Adult & Community Educ. (specializing in Instructional Television in Industry); s. Joseph; d. Michal; Mng., Tel-Aviv Office of Klil — Non-Ferrous Metals Industries Ltd., 64-66; Teaching Fllw, Dpt. of Architecture & Design, U. of Mich., 67-70; mbr: Design Assn of Isr.; Natl Indust. Television Assn, USA; Indust. Telev. Scty, USA; Adult Education Assn of USA; Am. Scty of Indust. Design; publ.: "Instructional Television in Industry (ITVI): A Survey" — research report financed by a res. grant, from the Office of Res. Admin., U. of Mich., 70-71.

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LAVI, Yeshayahu; Director General, Ministry of Defence, 70-72; p. Director Gen. of Armament Develop. Auth., Ministry of Defence; b. Germany, 1926; 3 ch.; educ.: Columbia U., (Elec. Eng.); to Israel, 1933; with Haganah Signal Corps, 1946; O.C. / I.D.F., Signal Corps Laboratories, 48; Columbia U., 50-53; Chief Eng, Signal Corps, 53-55; second in command, Signal Corps, 55-57; O.C. Signal Corps, 57-62; Scientific Adviser, Israel Embassy, Washington, 62-64; Dir Gen., Ministry of Posts, 64-67.

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LAVIE, David; scientist, educator; b. 2.4.1916, Egypt; to Israel, 1934; ed.: Heb. U. Jer., M.Sc., 40; Ph.D., 49; m.: Batia Woskoboinik; ch.: Gad, Michal; Prof., chem., Weizmann Inst. of Sci., Rehovot,

60-; Israel Matz Chair of Organic Chem., 67, mbr of staff, 41-; acting dean, Grad. Sch. in the Natural Sci., attached to the Weizmann Inst., 61-62; served: Haganah; IDF, 47-50; Harvard U., Cambridge, Mass., 52-54; Sloan-Kettering Inst. f. Cancer Res., N.Y., 60-61; Head Dpt. of Organic Chem., 65-66; Pres., Israel Chem. Society, 73; Member: The Chemical Society, London; Am. Chem. Scty; contrib. to profess. publ. and sci. reviews.

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LAVIE, Michael; M.D., M.P.H.; Dir., Ashkelon Health Unit, 61-; b. CSR, 17.12. 1913; to Israel, 1949; ed.: Karel's U., Prague, 34; Harvard Sch. of Public Health, Boston, Mass., 59-60; m.; d. Naomi; mbr of brds of: Hosp. Dirs.; Isr. Hosp. Assn.; Isr. Cancer Scty; mbr: Isr. Med. Assn; Public Health Assn; p. P.M.O., Isr. Air Force.

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LAVIE, Raffi; artist; Mbr, Painters' Union; b. in Tel Aviv; m., Ilana; 2 ch.; educ.: Smny f. Art Teachers, T.A. & Teacher on color & on History of 20th Century Art there; co-founder, "10+ Group"; repres. at Israel Museum coll.; Five One Man exhib., 60-69; Autumn Salon, T.A. Museum, 63-69; New Horizons, 63; all 10+ exhib., Paris Biennale, 69; Israeli Artists' Exhib. in the US by Modern Art Mus., N.Y., 64; at the Inauguration of Museum Israel, 65.

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LAVIE, Shmuel; editor; B.Sc.; Editor-in-Chief, "Mabat" econ. & soc. daily; Edit. Chief, "Shaar", daily, 67-71; b. 10.12.1933, Tel-Aviv; educ.: Mikveh Israel Agr. Coll., Hebrew U.; U. of London; m.: Ilana Bickels; d.: Nili; p. Econ. Editor of "Haboker" (daily), 56-63; p. Chief Edit., "Haboker" & Mng. Dir. thereof, 63-65.

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LAVON, Pinhas; labour leader; p. Min. of Defence; p. Secr. Gen., Histadrut; b. Poland, 1904; educ.: Lwow U.; to Israel, 1929; settled, with first pioneers of "Gordonia", in Hulda; Minister of Agriculture, 50-51; Minister of Defence, 51-54; Minister without Portfolio, 54-55.

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LAWRENCE, Jan William; Barrister & Solicitor, own practice, 60-; Chmn, U.I.A. Wellington, N.Z.; brd mbr, Wellington Heb. Congrgn; b. Sydney, Australia, 29.12. 1937; ed.: Law Degrees, Wellington — LL.B., LL.M. (Hon.); m. Porath, 1964; 2 s.; 1 d.; p. Pres., Wellington Jaycees; p. Secr., Wellington Jew. Soc. Club; mbr: B'nai B'rith, Wellington Lodge; Wellington Chamber of Commerce.

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LAZAR, Chaim; author; journalist, Secretary, Kupat Cholim Leovdim Leumim; leader of Partisans Org. in Isr.; Chmn, Museum of the Combattants & Partisans, T.A.; b. Panevezys, Lithuania, May 31, 1914; m. Haya Shapiro; 1 s.; 1 d.; Commander, Partisans, Vilna Ghetto; Represenative of Betar in Italy; to Israel, 1947; Jabotinsky Prize for "Af al Pi".

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LAZAR, Mark; M.D.; psychiatrist; Director, Holon Sanatorium; b. Bucharest, Nov. 10, 1924; m. Ida Rosenfeld; 1 s.; 1 d.; educ.: Bucharest U.; to Israel, 1950; Resident, & Asst. Psychiatrist, Geha Hosp., 51-56; Medical Director, Nes-Ziona Sanatorium, 56-61; papers in medical journals, articles, lectures, popularizing psychiatry & mental health.

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LAZARUS, Bernhard; B.Sc.; S.A. dir. of coys; exec., Zionist Council f. Natal; Convener, Medical C'tee IVA Emergency Appeal, 1967; chmn, re-Canvass C'tee, 1969 IVA; b. in Mainz, Germany, 21.3.1926; educ.: B.Sc. & postgr. studies; m. Pearl Mirman; ch.: Marilyn, Ronald, Norman, Tamara; mbr exec. c'tees; Natal Jew. Educ. Council; Hevra Kadisha; B'nai Brith; mbr, Council of Natal Jewry; director of companies in S. Africa, Rhodesia, Zambia; dir. brd Non-Ferous Metals Ltd., Segula Industrial Cites Petach Tiqva; immed. p. Pres., B'nai Brith Lodge Y. Ben Zvi No. 2447; p. mbr. exec. Durban Jewish Club; p. chmn, Jew Students' Assn — Rhodes U.; active in various other Jew. orgs.

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LAZARUS, Guenter Wolfgang; S.A. dir. of coys; Exec. Vice Chmn, IVA, Emergency Appeal 1967 & 1969; b. in Mainz, Germany, 18.1.1930; educ.: matric., FICS.; m.: Joan Kaplan; ch.: Marion, Sidney, Deborah, Sandra, Berenice; mbr exec. c'tees: Durban United Hebrew School; Natal (Jew) Nursery School Assn; Durban Jew Wlf Assn; chmn, Israel-S.A. Trade Assn; deleg. to 1969 COHN & P.M.'s Economic Conference in Jerusalem; mbr. Exec. Council, Natal Jewry; dir. of companies in S.A., Rhodesia, Zambia; dir., Non-Ferous Metal Works Ltd.; dir., Segula Industrial Sites Petach Tikva; active in numerous Jewish orgs; p. Tennis & Squash champion of the Durban Jewish Club; represented Rhodes U. at Squash, Tennis & Hockey, etc.

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LAZARUS, Wolfgang R.; Mng. Dir., M. Dizengoff & Co. Ltd., 69-; Mng., Foreign Agencies Div., Zim, Isr. Navigation Co. Ltd., 67-; b. Berlin, Oct. 30, 1912; m. Rachel Levy; 1 s.; 1 d.; educ.: High School of Commerce, Geneva; business training, Switzerland, Spain, England, 33-35; to Israel, 1935; with Atid Co., 36-53; Managing Director, M. Dizengoff & Co. Ltd., Haifa, 1953; Zim Lines representative for Western Hemisphere, 59-65; mbr.: Rotary Club, Haifa; Chamber of Shipping; Skal Club.

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LAZER, David; Ph.D.; writer & journalist; p. mbr. brd., "Maariv"; b. Cracow, 7.10. 1902; m. Hanna Rakower; 1 d.; educ.: Cracow U.; edit. & mbr, edit. brd., Nowy Dziennik, Zionist daily, Cracow (Polish); to Israel, 1941; author of "Profiles" (2 vols.); "Essays & Polemics"; "Trip to Euzkadi"; Encounter on both Sides of the Iron Curtain; UNESCO Fellowship f. advanced studies of journalism in Strassbourg, 57-63 & 69; Sokolov Prize f. journalism, 60; Hon. Secr. & Treas., PEN, Israel.

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LEBIUSH, Zalman; actor; member "Cameri" Theatre, 1950-; b. Lithuania, Jan. 30, 08; m. Yehudit Feinberg; 1 d.; educ.: Drama Studio, School of Stage Managing, Yale U.; to Israel, 1935; joined the Palestine Comedy Troupe and later the "Matate" Troupe; mbr, "Ohel" Theatrical Troupe, 42-47; study USA., 47-50.

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LEDERBERG, Joshua; Mbr, Brd of Govrs, Weizmann I. of Science; Professor of Genetics, Stanford U. Med School; recipient, Nobel Prize in Med f. studies of Genetics, 1958; b. in Montclair, NJ, 23.5.1925; s. of Rabbi Zwi Lederberg & Esther Goldenbaum of Tel-Aviv; educ.: B.A., Columbia, 44; Ph.D. Yale, 47; m., Marguerite Stein Kirsch, 5.4.68; awarded, Sc. D. (hon. causa) Columbia, Yale, Wisc.

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LEDERMAN, David; Dir., P.R. & Promotion Israel Magazine, 70-; honours: Ordre de St. Michael & St. George, Croix de Guerre, Medaille de la Résistance; b. Antwerp, 17.10.1912; to Israel, 1968; m. Sally Seifert, 1937; 1 d.; p. Mng., Woolworths Melbourne; p. editor-publ.-owner, Australian Jewish Herald; w. Jewish Post, Melbourne, -68; p. Campaign Treas., U.I.A. (7 years); p. w. Exec. Brd., JNF (8 years); Exec., Victorian Zion. Org. (5 years); Chmn, Bialik Coll. Appeal; Vice Pres. & co-founder, Keren Mishpachot Hagiborim, in support of disabled soldiers in Isr.; Exec., Cl. f. Blind Children in Isr. deleg. to the Australian Govt. Conventions f. all frgn language newspapers; mbr, many local charitable & other orgs.; active f. the YOORALLA Handicapped children; Nicest Listener Award (by Melbourne Radio 3XY) f. the work as Mng. Dir of the Jewish Herald, f. the betterment of the Jew. Community in Australia.

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LEVINE, George L.; dir. of publishing; dir. Unit. Syn. Book Service, 66-; b. 12.2. 1914, New York; ed.: New York U., — B.A., 35; M.A., 37; m.: Elizabeth Lansky; d.: Lisa Ann; p. active in: Jew. Theol. Smnry & Unit. Syn., 51-56; trade dir., Isr. Bonds, 51; UJA NY, 38-41; UJA Essex County, 43-45; Norman Fund, 46; Pres., Assn. Jew. Book Publish., 72-73.
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LEVINE, Isaac Don; writer; Hon. Mbr, Staff & Fcty, U.S. Army Command. & Gen. Staff Coll., Ft. Leavenworth, Kansas; b. 1.2.1892, Mozyr, Russia; to USA, 1911; ed.: Westport H.S., Kansas City, Mo.; m.: Ruth Newman; s.: Robert Don; p. contrib.: Kansas City STAR, 14-; Current Hist. Review of Reviews; New Republic, etc.; Frgn News Ed., NY Tribune, 17; Russian Corr., Chicago Daily News, 19-21; Frgn Corr., Newspapers, 22-24; Mng Ed., The Book League of Am., 28-29; org. Radio Liberty, Munich, Germany, 51-52; author: "The Russian Revolution"; "Resurrected Nations", "The Man Lenin", "Stalin", "Red Smoke", "Mitchell, Pioneer of Air Power", "Stalin's Great Secret", "The Mind of an Assassin", "I Rediscover Russia", "Intervention", "Autobiography".
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LEVINSON, Marcus; Dr. Dental Surgery, 35-; Vice-Chmn, Natl Exec. C'tee, Z.O.A.; Hon. Vice-Chmn, Jew. Natl Fund, USA; Vice-Pres., Jew. Community Cl. of Houston, Texas; b. Kiev, 1.8.1910; ed.: U. of Texas, School of Dentistry; m. Sadie Wanger, 1937; s. Ronald Errol; d. Patricia Tina; dep.-mbr, Brd of Trustees, UIA; mbr: Jew War Veterans, AJC, Am. Jew. Congress, B'nai B'rith, Rotary Club, Am. Dental Assn; author of book "The Man Who Had Faith", also many pamphlets; lctr on Middle East & State of Israel; recip.: Man of the Year Award by ZOA; Hon. Citizen of New Orleans, La, Dallas, Tex., Hot Spring Arkansas; don., Marcus Levinson Room, Medical Center, T.A.; do, Marcus Levinson Dormitory, Kfar Silver, Ashkelon; citations by: JNF; Jew Community Cl. of Houston, Texas; B'nai B'rith special Awards; Israel Embassy (f. outstanding service to the State of Israel).

1319-1920 Medical Arts Building — Houston, Texas, USA.

LEVINSON, Morris L.; National Chairman of the United Jewish Appeal and a member of its Exec. Comittee; p. UJA Natl Co-Treasurer; Pres. United Jewish Appeal of Gt. New York; Trustee of the Fed. of Jewish Philanthropies; mbr, Board of Dirs of the Joint Distribution Committee and the United Israel Appeal, Inc.; Vice-Pres. and Dir. of the Council of Jewish Federations & Welfare Funds; dir. Pabst Brewing Company; Pres. of Associated Products, Inc.; Chairman of the Board of Rival Pet Foods, Hervin Pet Foods, Hygiene Industries, Inc., and Heidenberg Textiles; Dir., Fund for the Republic and the Center for the Study of Democratic Institutions; Trustee of the Rhode Island School of Design; Trustee of the New school for Social Research, and a Fellow of Brandeis University; grad., Wharton School of Finance, of the University of Pennsylvania, and of Yale Law School.

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LEVITZKI, Alexander; biochem.; snr sci., Dpt. of Biophysics, Weizmann I., 70-; b. Jerusalem, 13.8.1940; ed.: H.U. Jer., M.Sc. (Summa Cum Laude), 63; Ph.D. (Summa Cum Laude), 68; m. 1968; d. Orit; Secr., Isr. Assn f. the Advancement of Sci., 66-67; publ.: 25 papers on polyamino acids, metalo proteins, allosteric effects in regulatory proteins, assembly mechanisms of multisubunit structures.

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Tel-Aviv, Havaad Hapoel.

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Berne & London U., medicine; m.: Gertrude Diamond; 2 d.; found. mbr., British Fellowship of Isr. Med. Assn (secr., 57-67 & vice-pres., Europ. co-ordin. c'tee); Fllw: Royal Scty of Med.; Royal Scty of Health; mbr: Brit. Med. Assn; Scty of occupational health; exec., Marble Arch J.P.A. c'tee; corresp. mbr, Isr. Med. Assn.; publ. books & articles on occup. health as well as a book on nutrition in industry; titles: MMSA, FRSH, LMSSA; p. repres. student youth at Zion. congrss.

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LIEBLICH (Weingrun), Anna; art. painter; b. Cracow, Poland; to Israel, 1950; ed.: grad., Art Academy, Cracow; m.; mbr: Polish Assn of Painters & Sculptors, 32-50; Assn of Jew. Painters, Cracow, 35-39; Isr. Assn of Painters & Sculptors, 51-; one-man shows: Jew. Acad. House, Cracow, 35; Chagall House, Haifa, 54; Capetown, Johannesburg, 56; Acre Museum, 58; Montreal, 60; Gall. 220, Tel-Aviv, 63; part.: all natl exhibs & exhibs organized by the Jew. orgs. in Poland, 35-39, 46-50; Polish Govt. Prize & regional govt. Cracow grant (f. graphic), 49; Struck Prize, Haifa, 52.

Lebanon St., Kiriyat Hazaiyarim, Safad.

LIEBLING, Gustav; Mng. Dir., 'Peltours' Ltd.; Dir., The Magen Ins. Co. Ltd.; p. Chairman, Israel Insurance Club, Marine Section, Israel Insurance Assn., Tel-Aviv; b. Tarnopol, Feb. 25, 1911; m. Zipora Weisman; 1 d.; 1 s.; delegate to Intl Marine Underwriters Conferences, 50-; in insurance industry, 32- (especially in Miami Insurance, 45-).

110 Arlosoroff St., Tel-Aviv, Tel. 226771.

LIEBMAN, Charles S.; Assoc. Prof., Chmn Dpt. of Pol. Studies, Bar-Ilan U.; b. 20.10.1934, USA; to Israel, 1969; ed.: Herzliah Gymn.; U. of Miami, Johns Hopkins U. & U. of Illinois, USA; m.: Carol Stickler; d. : Rivka; s.: Aaron; books: The Ambivalent American Jew; Suburban Differences and Metropolitan Policies; The Religious Behavior of American Jews; articles on Am. Judaism & Isr.-Diaspora relations.

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LIEBMAN, Jim; Chmn of Board, Sonar Radio Corp.; mbr: Masonic Lodge; Criterian Lodge 907; Tucson B'nai B'rith; b. Lipkon, Besserabia (Russia); m. Fan Ginsberg, 1934; s. Jerome; p. Vice-Pres., Leo N. Levi National Arthritis Hospital; p. mbr of the board, Tucson combined Jewish Appeal.

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LIEL (Lucaci) Jaacov; accnt.; mng.; b. 6.11. 14 in Rumania, studied pol. econ. in Bucharest; to Israel, 1948; m. Ida Leibovici; s.: Yair-Abraham, Eytan; Dir., Bronfman Agcy, Publishers & Distributors: p. Mbr. Zion Exec., Bucharest; p. mbr., Centr. C'tee, Hanoar Hazioni, Dor Hadash & "Haoved Hazioni" in Rum.; Mbr., C'tee, "Hasmonaea", Zion. Student's Org. & co-editor of "Hasmonaea", & "Copilul Evreu"; publ.: Hebrew-Rumanian Lexicon of Phrases & Synonyms (jointly with late M. Levanon).

55, Sokolov St., Herzlia.

LIFSHITZ, Chava; phys. chem.; M.Sc., Ph.D.; Assoc. Prof. Dpt. of Phys. Chem., H.U. Jer., 63-; b. 26.3.36, Vienna; to Israel, 1938; ed.: High Sch., T.A., 49-53; H.U. Jer., 53-61; post-doctorate studies, Cornell U., 61-63; m.: Prof. Assa Lifshitz; s.: Ronnie; d.: Donna; res.: mass spectrometry; electron & photon impact phenomena; gas phase kinetics; ion-molecule reactions; publ. in intl sci. journals; guest scientist, Argonne Natl Lab., Ill., 65-; in charge of mass spectrometry group, Chem. Inst., H.U., 65-; Sabbat. Year at Aeronautical Res. Lab., Dayton, Ohio, 69-70; chmn Chem. Teaching, H.U.

4 Neve Granoth, Jerusalem, Israel.

LIFSHITZ, David; Mng. Dir., "Pardess" Ltd., 48-; p. Mng. Dir., "Pardess" Cooperative Scty of Orange Growers, Ltd.; b. Minsk, 1905; to Israel, 1925; ed.: High School, Russia; Mng., "Pardess" Ltd., Hadera Branch, 31-36; Mng., Materials Dpt., "Pardess" Ltd., Tel-Aviv, 36-48.

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LIFSHITZ, Jacob M.; Assoc. Prof., Dpt. of Materials Engin., Technion Haifa; b. 2.9.1936, Israel; ed.: Technion, B.S., 60; Brown U., Providence, R.I., USA, (Engin. Solid Mechan.): M.S., 63; Ph.D., 65; m.: Miriam; 2 s.; Visit. Assoc. Prof., Ill. Inst. of Techn., Chicago, 71-72; Assist. Prof. Engin., Brown U., Providence, USA, 65; 13 sci. publ. (w. other Israeli & frgn scientists) in his speciality, in reputed intl sci. journals; Senior Foreign Scientist Fellow, Natl Sci. Fndn, USA, 71-72.

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LIFSON, Shneior; scientist; Ph.D.; head, Dpt. of Chem. Physics, Weizmann I. of Sci, 63-; b. 18.3.1914, Tel Aviv; educ.: Hebrew U. — M. Sc., 49; Ph.D., 54; m.: Hanna Stern; 3 ch.; 32-43, mbr of a kibbutz; 43-47, studies, primary subject Physics; secondary, Math & Chem.; 48-49, IDF Science Unit; 49, Polymer Dpt., Weizmann I.; 61-63, Chmn, Scient. C., Weizmann I. & 63, head Chem. Physics Dpt thereof; 63-67, Sci Director, Weizmann I.; mbr: C. for Higher Education; Isr. Sci. Teaching Center; also, Intl Union of Pure & Applied Biophysics, Comm. of Molecular Biophysics; European Molecular Biology Org. (EMBO); mbr, Advisory Brd of "Biopolymers" & of Journal of Statistical Physics (USA) — edit. brd; awards: Weizmann Prize, 1958; Israel Prize, 1969; over 50 scient. publications.

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LIGURION, Becalel; M.D., G.P. specialist; Med. Officer, Natl Insurance I., 67-; b. Czenstochowa, Poland, 10.4.1920; to Israel, 1947; ed.; Heb. HS, Czenstochowa & Bendzin; Jagello U., Fcty of Med.; m. 1946; d. Rivka; p.: Sick Found Physician; Med. Off. of the J.A.; mbr, Isr. Med. Assn (mbr of C.C., -60); publ.: The Treatment of Burns; Three Cases of Benign Thyroid Tumors; the Chiari-Frommel Syndrome; Coronary Heart Dis. as a Work Accident.
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LIKIERMAN, Adolf; businessman; deleg., P.M.'s Economic Conference f. Israel; shareholder, Heberlon Industries, Petach Tikva & Kfar Saba; Chairman, Qalitex Limited, Manchester & London; born in Lodz, Poland, 17.4.1911; educ.: Instit. de Commerce, Bruxelles, & Handelsakademie, Graz, Austria; m.: Olga Heldenbusch, 18.11.934; 2 s., George-Michael, John-Andrew.
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LIMON, Mordechai; M.B.A.; Aluf (Commodore); Special Delegate f. Europe, Min. of Def., 62-70; b. Poland, 3.1.24, m. Rachel Louria; 2 ch.; ed.: Columbia U.; joined naval unit, Palmach, as instructor, 40; w. British mercantile marine, during World War II; commanded several ships bringing illegal immigrants. 46-48; Commander-in-Chief, Israel Navy, 50-54; head, Dpt. of Emergency Economic Planning, Min. of Def., 57-60; Asst. Dir. Gen., Ganor Managers Ltd., 71-.
35 Stricker St., Tel-Aviv.

LIMON (Louria), Rachel; teacher; mbr, World Wizo Exec., Head of Org. Dpt., 70-; mbr, brd of dirs, Cameri Ensemble T.A.; b. Tel-Aviv; ed.: HS, Teachers' Coll.; Haifa U., Law & Econ. (2 years); m. 1949; d. Nili; s. Zvi.
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LINDEMAN, Henri (Mordehai); Dr. (physics); Prof. of Physics, Technion, Haifa; b. Hengeloo (Holland), January 20, 1907; m. Adela Clara Spiero; 3 d.; educ.: Leiden, Utrecht U-ies; to Israel, 1947; joined Technion, 50; prof. particip. in teaching, scientific work & administration of the Faculty of Physics; mbr, Senate, Technion; sci. articles on spectroscopy, nuclear physics and statistical laws in radio-activity; textbooks on physics in Dutch, Indonesian and Hebrew.
1 Caspari St., Haifa.

LINIAL, Shimon; advertising, public relations executive, lecturer; b. Magdeburg, Aug. 8, 1922; m. Rivca Feldblum; 1 s.; 2 d.; to Israel, 1934; advert. dpt., "Shemen" Co., 36-52; mbr, partner, advert. agency BING-LINIAL; mbr., Brd of Dir., Haifa Municipal Orch., p. mbr, Exec. C'tee, Haifa Chamber of Comm. & Industry; mbr., Haifa Municipal C'tees.
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LINTON, Sidney; M.D.; Joint Chmn, Profess. Group & Secr., J.P.A. Leeds; c'tee mbr: Youth Aliyah; Leeds Wlfr Brd; mbr, JNF Flwship; b. 16.10.1919, Leeds; ed.: qualified in med., 45; Late Res. Med. Off. Meanwood Park Emerg. Hosp.; Hon. Clin. Assist., Killingbeck Hosp. (in diseases of chest & heart); Med. Dir., Lewis Labs Ltd.; Dir.: Lewis Labs (Appliances) Ltd.; Lewis Labs (Manufacturing) Ltd.; Lewton Property (Holdings) Ltd.; Exmosred Invest. Ltd.; m.: Annette Lewy; 2 d.: Sara Geraldine Friedman, Laraine Penelope; fllw: Royal Society of Medicine; Royal Chemical Society; Royal Society of Arts; mbr: British Medical Assn; European Microcirculation Scty; Assn of Med. Cnslts to the Pharm. Indus.; Assn of Clin. Pathologists; paper: "Prevention of Post-operative Chest Complications; New Technique Using Isoprenaline Aerosols During Anaesthesia", 59; joint-auth. of many other papers; inventor: Linton Adaptation of the Rowbotham connection piece.
"Lawnacre", 132 Alwoodley Lane, Leeds 17, England.

LIPAVSKY-HALIFI, Isaac; F.A.I.A.; C.P.A. (Isr.); F.R. Econ. S.; Real-Estate Appraiser; acountant, cost consultant; mbr of Rojansky, Halifi, Meiri & Co.; b. New York, 23.12.1921; w.; 1 s.; lecturer, Acad. I., Management Centre; leader, managerial & audit studies; mbr., Int'l. Fiscal Ass'n; edit.: "Costing and Business Economies", "The Certified Publics' Journal"; author of 5 books; papers & articles in his field.
31 Jabotinsky St., Tel-Aviv.

LIPPMANN, Kurt Edward; J.P., F.A.A.A., A.C.I.S.; Public Accountant; b. Hamburg, 14.12.1920; educ.: Matric. in Germany; Accountancy Degrees in Melbourne; m. Adeline Van Engel (dec.); ch.: Helen, John; Pres. B'nai B'rith District Grand Lodge Australia & New Zealand; V.P., United Israel Appeal, Victoria; Dir. Austr. Jewish Welfare Relief Society.
13, Lygon Street, Melbourne, Australia.

LIPSCHITZ, Chaim U.; Rabbi, D.D.; b. Jerusalem, 10.8.1912; to USA, 1920; ed.:

ordained Rabbi, Jer., 38; att. Dropsie Coll., 40; Course f. Civ. Defense (Leaders); Hon. Dr. of Divinity, St. Andrews Coll., London, 59; D.D., Philaethea Coll., Windsor, Ont. Canada, 65; m. Rivka Bernstein; d.: Beatrice (Beer), Bina Esther (Seitler), Sarah (Stefansky), Ziona (Katzman); p. Rabbi, Cngrn Ohev Shalom, Bklyn; Pres., Agudath Isr. Williamsburgh, 53-57; Mng. Editor, Jewish Press, 60-; V.P.: Research & Projects, Yeshiva Torah Vodaath & Mesivta, Brooklyn, 68-; Un. Bikur Cholim of N.Y. State, 69-; served w. the Am. Consul-Gen. in Israel, 36-38; conducted radio program, Phila., 46-50; many hon. appointments by am. notables; invited to open US Senate Session & N.Y. City Cl. with a prayer; first Rabbi in history invited by the Spanish Government to visit Spain, 1970; publ.: "The Shield of Israel", 40; "Thougth of The Week", 57; co-author, Torah & Sermon Manual, by the Rabbinical Alliance of Am., 55; contributor to: Standard Jew. Encycl., Universal Jew. Encycl., Anglo-Jewish Press, etc.

225, Keap St., Bklyn, N.Y.; Office: 141 S. Third St., Bklyn, N.Y. USA.

LIPSCHITZ, Shaul; Dr. rer. pol.; founder, & Chairman, Brd of Dirs, Palestine Automobile Corp. Ltd.; member, Brd of Dirs, Zion and Judea Insurance Co. Ltd.; founder & mbr, brd of dirs, Electra Ltd.; b. Latvia, 6.1.1897; m. Rachel Maranz; 1 s.; 1 d.; educ.: Frankfurt U.; to Israel, 1933; p. pres., Importers' & Wholesalers' Assn., 42-46; on economic mission to U.S., on behalf of Israel Govt., 1948; pres., Tel-Aviv-Jaffa Chamber of Comm., 46-49 & 52-53; p. Dir Gen., Min. of Commerce & Industry, 53-54; Chmn, Pbl. C'tee, Magen David Adom. 56-; pres., Assn of Jews' of Latvia & Estonia, 56-; Pres., Israel Lawn Tennis Assn.

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LIPSCHUTZ, Isidore; diamond industry leader; V.P. & Treas., Non-Sectarian Anti-Nazi League; Chmn, Am. Branch, Wld Memorial to Jew. Martyrs, Inc.; Gen. Prog. Chmn, Am. Jew. Lit. Fndn; co-founder, A. Einstein Coll. of Med., Yeshiva U.; founder, Treas. & Repr. at UN, Scty f. Prevention of W.W. III Inc.; active f., UJA, Israel Bonds, Weizmann Inst., H.U., Yeshiva U., Hadassah, NY Fed. of Charities; founder & p. Pres., Intl Fed. of Diamond Orgs; found., Prof. Sch. f. Diamond Industry, Belgium, 34; p. mbr, Brd of Dirs, Belgian Diamond Exchange; Chamber of Industry, Antwerp; Belgo-Luxemburg Clearing Bureau; p. Pres., Comm., Economic Defense, Belgium, 33-; awarded Knight of the Order of Leopold.

1270 Ave of the Americas, New York, NY 10020, USA.

LIPSCHUTZ, Naphtali; L.L.B., Barrister at Law, Adv., Notary Public; partner, Y. Salomon, Lipschutz & Co., 37-; b. Lwow, 7.5.1908; to Israel, 1910; ed.: Takhkemoni School, Jer; Mizrachi Teaching Training Sch., Jer.; Realschule, Berlin; U. Coll., Gray's Inn., London; m. Rosalie Goldstein, 1935; 2 d. & 2 s.; Controller of Absentee Property, North. District, 48; p. mbr: c'tee to advise on Criminal Procedure; c'tees to draft: Law of Guarantee, Law of Pledge, Law of Contract; mbr of: standing c'tee to advise on Civil Procedure; Curatorium, Technion; Brd of Govnrs & Brd of Trustees, Bar-Ilan U.; Brd of Govnrs, Shaarei Zedek Hosp.; Brd of Jer. School of Applied Sci; lctrs: Intl Lawyers Cnvn, Intl Bar Cnvn, Wld Cong. of Jew. Studies, Keness Torah She-Bealpeh, all in Jerus.

11, Ayalon St., Haifa; Tel. 244976. Office: 64, Hameginim Ave, P.O.B. 303, Haifa; tel. 535231 & at 1 King David Ave., Tel-Aviv; tel. 262126.

LIPSON, Nathan I.; member of the Executive Committee and National Campaign Cabinet of the United Jewish Appeal; p. Chairman of the South-Southwest Regional Conference of the United Jewish Appeal, and currently is Chairman of the Atlanta Israel Welfare Fund campaign; member, Welfare Fund's Executive Committee; p. member of the UJA Young Leadership Cabinet on which he served as the South-Southwest regional Chairman; member, Board of the Joint Distribution Committee; p. active in UJA campaigns in Benton Harbor, Mich., beginning as a worker and eventually becoming campaign Chairman and member of the Executive Committee there; Pres. & owner of the Trend Industries, manufacturers of carpeting.

Atlanta, Georgia, USA.

LIPSON, Samuel L.; Prof. & Dpt. Head, CE, Univ. of B.C.; b. 30.7.1913, Odessa, Russia; ed.: B.C. U., B.Sc., 36; Calif. Inst. of Techn., Pasadena, M.Sc., 37; m.: Dena Pink; ch.: Florence F., Morris D., Alisa B.; Z.O.C. — mbr Exec. C'tee, 50-60; vice-pres., 57; Pres., Canadian J.C., Pacific Reg., 65-68; Chmn of drive, 60 & Permanent C'tee, 61-63; UJA of B.C.; mbr, Brd of Dirs & Exec. C'tee, Vancouver Jew. Comty Ctr, 65-72; Chmn, Endorsation C'tee, 69-72 & V.P., 72, Van. Jew. Comty Fund & Cl.; mbr, Brd of Dirs, 58-62 & Chmn, Sch. Brd, 58-60, Cngrn Beth Israel; Pres., Can. Friends of Technion, B.C. Chptr., 68-71; Prof. Eng. Assn, B.C. (Pres., 71); fllw, Am. Scty of CE; mbr: Am. Concrete Inst.; Engn Inst., Canada; Canadian Scty of CE; publ. several techn. papers; recip.: Scholarships in U.; Centennial Medal of Canada, 67.

U. of British Columbia, Vancouver 8, B.C., Canada.

LIPTON, Marcus; M.P., House of Commons, London; Pres., Assn of Jew. Ex-Service Men, South London branch; b. 29.10.1900, Sunderland, England; ed.: Merton Coll., Oxford, M.A., Barrister at Law; p. Exec. Mbr: English Zion. Fed.; Jew. Natl Fund; p. mbr, Jew. Brd of Dep.; f. many years w. Pal. Jew. Colonisation Assn; w. British Army, 39-45; in rank of Lt.-Col.; contrib. to Jew. Chronicle & Jew. Hist. Scty of England; awarded C.B.E. f. polit. & public services.

3 Wellington Court, Shelton St., London WC 2, England.

LISHANSKY, Batya; sculptress; b. Russia, 1900; educ.: Bezalel School of Art: Rome, Berlin, Paris; Exhibitions, Israel, & Cairo, Paris, Zurich; monuments: at Hulda (1929); Tel Mond (1933); Kfar Saba (1942); Kfar Yehoshua (1952); Givatayim (1958); Kibbutz Einat, Kadoori School and Kibbutz Beth Keshet; Relief, in memoriam, Kibbutz Lohamei Ha-Ghetaot; Holocaust & Rebirth Memorial, at Kibbutz Netzer Sereni; Dizengoff Prize, 44, 57, for bust of President Itzhak Ben-Zvi.
10 Nahum St., Tel-Aviv.

LITTAUER, Uriel Zeeb; Ph.D.; M.Sc.; prof. of bio-chem., Weizmann Inst.; b. 24.2.24, in Tel-Aviv; ed.: Hebrew U., m.: Atida; d. Tahel, Michal; s. Dan; visit. res. flw. Washington U., St. Louis, Mo. (55-56); Stanford U., Calif. (62); Harvard U., Mass. (63); Somach Sachs Award for chem. (58); Mbr. W.I. of Sc., Rehovot (49-) & Head Bio-Chem. Dpt. 64-66, 72-; Fogarty Scholar-in-Resid., US Natl Inst. of Health, Bethesda, Maryland, 69-70; Cl. & Publ. c'tee, Fed. of Europ. Biochem. Scties, 65-69; Advis. Sympos. C'tee, Intl Un. of Biochem.; publ. over 100 sci. papers; research on nucleic acide & polynucleotides; mbr, Isr. Bio-Chem. Scty; Pres., Isr. Chem. Scty, 68-69; Biochemical Scty, Britain; European Molecular Biology Org.; editor Europ. Journal of Biochem. & Holden-Day Pub. Co. (biology).
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LITTMANN, Franz-Gad: General Manager, Misrah Insurance Service, Treu & Steinweg Ltd.; b. 29.4.1913, in Breslau; att., highschool & Freiburg, Berlin, Breslau U-ies (law); m.: Susanna Putzrath; d. Raya; left, 1933, Germany to U. of Montpellier; empl. in commerce, Paris, Amsterdam; to Israel, 1936; app. mng. of "Haaretz" Jerusalem branch, -42; founded, Misrah Insurance Serv. branch Jerusalem, 42; dir., 49; partner, 57; mbr, Exec. Council, "Irgun Olei Merkaz Europa"; mbr, Fire C'tee Israel Insurance Assn.
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LITVINOFF, Barnet; author; b. 23.11. 1917, London; m. Sylvia Roytman; 2 s.; serv. Brit. Forces, 40-47 (P.O.W., 42-45); Pub. Relat. Off., Brit. J.P.A. & J.N.F., 50-60; indep. Pub. Relat. pract., 60-66; books: "Ben-Gurion of Israel", "Road to Jerusalem", "A Peculiar People", "Another Time, Another Voice"; var. in Engl., Am. & frgn lang. editions; Engl. edit., "The Weizmann Letters", vols. 2, 3, 4, 5, 6.
28 Hollycroft Ave., London, N.W.3, England.

LIVNEH (Liebenstein), Eliezer; essayist; journalist; author; p. editor, "Beterem"; p. M.K.; p. mbr., Knesset Foreign Affairs & Security C'tee; b. Lodz (Poland), Dec. 2, 1902; m.: Erna Weldler; 2 d.; to Israel, 1920; co-founder, editor, "Maarakhot", 39-42; editor, "Eshnav" the (illegal) Haganah weekly, 42-47; co-founder, editor, "Hador" (daily), 49; on goodwill mission to USA on behalf of the Prime Minister of Israel, 50; author of: "Zionism and England", "Test of Independence"; "State and Diaspora"; "Nili, a Story of Political Audacity"; "American Jewry A Challenge For Israel"; "Aspects of Our Time"; "Aaron Aaronson & His Time"; "Israel and the Crisis of Western Civilization"; writer on pol., soc. & phil. matters, in Isr. & abroad; co-founder of the Land of Israel Movement.
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LIVNEH, Moshe; Eng.; Dr. of Techn. Sci.; Prof., Facty of Civ. Eng., Technion — Isr. Inst. of Technol., Haifa; Head, Road Safety Centre, Technion Res. & Devel. Foundation, Haifa; Head, Bruner Inst. of Transportation, Technion Haifa; Development Foundation Ltd., Haifa; affiliations: Assn of Eng. & Arch. in Isr. (Isr. Scty of Soil Mech. & Fndn Eng.; Div. of Traffic & Transp. Eng.; Div. of Highway Eng.); mbr, various c'tees, Min. of Transp. & Min. of Labor; mbr, public command. f. avoiding traffic accidents; b. 1.11.1932, Tel-Aviv; ed.: Technion, Haifa, 52-55; B.Sc.; Dipl. Eng., 55-56; M.Sc., 56-58; scholarship Brit. Imperial Coll., 58-59, D.I.C.; Dr. in Techn. Sci., 59-62; m.: Ruth Miller; 3 ch.: Irit, Vered, Noam; Snr partner: Sherutei Handassa Be'Israel; Engineering Services International (E.S.I.); consultant on transport & airfield projects; publ.: 54 res. works; 64 articles & papers in Isr. & frgn sci. journals; book: "Pavements on Expansive Clays", (w. Prof. G. Kassiff & Prof. G. Wiseman), 69; partic. at 15 sympos. in Isr. & abroad; recip.: W.J. Emmons' Annual Award, Assn of Asphalt Paving Technologists, Penn., USA (w. Prof. E. Shklarsky, f. the best article presented in 1965); Arnan Prize of I.E.A.A., 72.
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LIVNI (Weiss), Itzhak; B.A.; chief edit. "Bamahaneh"; dir., "Galey Zahal"; b. 17.10.1934; p. military corresp. of "Bamahneh-Nahal"; head, Joint Editorial C'tee of Bamahneh & Galey Zahal, the Army's Broadcasting Service.
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LIVNI, Zvi; painter; litographer (skilled in all the techniques of this branch); b. in Lodz, Poland; to Israel, 1927; many years in Kibbutz; ed.: Art Acad., Warsaw; stud. in Germany, France, Italy; co-found., Artists' Colony in Safed; one-man exhibs in Isr., 36- (his first one-man exhib. was held in Tel-Aviv); exhib. in: Paris, 53; Zurich, 54; New York, Boston & Phila., 61; Toronto, 62; Baltimore & Wash., 65; New-York, Miami & New Haven, 65; also part. in many exhib. in Europe & S. Africa; illustrator of various books & illuminator of Passover Haggadot; works acquired by Museums & well-known private collections in Isr. & abroad, i.e.: Residence of the Pres. of State of Israel, Jer.; Mus. of Art, Toronto; Mus. of Mod. Art, Brandeis U., Boston; Mus. of Art, Yale U., New Haven; Brooklyn Mus., N.Y.
39 Tet-Zain St., Artists' Colony, Safed; tel. 30433.

LOCKSHIN, Louis Leon; Tool Eng., Indus. Cnslt; Hon. Natl Pres., JNF, Canada; b. in Canada, 21.1.1916; educ.: elementary, Winnipeg, higher, Toronto; m.: Sylvia Freedman, 7.2.1937; ch.: Mrs Brenda Freedman, Mrs Sherryn Lang; Martin; mbr, Natl Exec, ZO of Canada; Pres. Can. Technion Scty; Empire Carbide Eng. Ltd.; V.P., Assoc. Heb. Schools of Toronto; V.P., Yeshivat Ner Israel; p. Chmn, Toronto Aid-To-Isr. C'tee (48-51); mbr, Assn of Eng, Isr; co-mang, Canistra Holdings Ltd, Isr; share holder, Bank Adanim, Israel; awarded, "Ben Sadovski Award" 1967, by United Jewish Wlf Fund, Toronto; has visited Israel 14 times, speaks Hebrew.
329, Richview Ave, Toronto 10, Ontario, Canada.

LOEVY, Issy; Dep. Mng. Dir. of Electra Ltd.; b. Poland, 1919; lived in Rhodesia up till 1945; m. Rachel; 1 d.; employed at Electra Ltd. since 1948; started as accountant; today Dep. Mng. Dir. in charge of finance of the company; Mng. Dir. of Electra (Tasiyot) Ltd.
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LOEWE, Raphael James; Reader in Heb., U. Coll., London; Parnas. Spanish & Portuguese Syn., London; Mbr of Exec., Jew. Historical Scty of England; b. 16.4.1919, Calcutta; ed.: Cambridge - Leys Sch.; St. John's Coll.; 1st class, Part 1, Classical Tripos, M.A.; James Mew Scholarship in Rabbin. Heb., Oxford; m. Chloe Klatzkin; 2 d.: Elizabeth Imma-Shalom, Camilla Nehama; p. lctr in Heb.: Leeds U.; Leo Baeck Coll., London; Visit. Prof. in Jew. Stud., Brown U., Providence Rhode Island; p. mbr, Cl. of Royal Asiatic Scty of Gt. Brit.; articles on Jew. subjects in scholar. period., Encycl. Judaica, etc.; War Service, 40-45; award. Military Cross (N. African Campaign); wounded in action (Italy).
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LOEWENGART, Stephan; D.Sc.; founder, co-owner, Ariol Ltd.; Printing Ink Factory; research fellow, Dpt. of Mineral Engineering, Technion, Haifa; b. Fuerth (Germany), Dec. 10, 1900; educ.: German U.; to Israel, 1925; for some time geologist, expert water supply & building materials; worked on utilization of local raw materials in chemical industry; scientific papers on Israel geology & geochemistry, especially on origin of water salinity.
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MAGGAL, Moshe M.; Rabbi, author, journalist; brd mbr, Beverly Hills Zion. Org.; founder & pres., Ntl Jew. Information Service f. Propagation of Judaism; exec. dir., "Jewish Key 73"; on Calif. Rep. State Speakers Bureau f. the Re-Election of Pres. Nixon, 72; mbr: Free Enterp. Speakers Bur. of Coast Fed. Savings & Loan, L.A., 71-; US Assn of UN Town Hall of Calif.; b. Nagyecsed, Hungary, 16.3.1908; ed.: Ntl Rabb. Smnry, Budapest, 33; Zurich U., 35; H.U., Jer., 36; m. Rachel Delia Diamond, 1951; d.: Davida Elizabeth, Michelle Judith, Elana Ilene; Rabbi, Cngrn Ahavat Israel, Hollywood, Cal., 66-; speak & lctr at church & civic org. on Israel & its achievements; mbr, Great Los Angeles Press Club; Rabbi: Temple Meyer David, Claremnot, N.H., 51-52; Temple Beth Aaron, Billings, Montana, 52-54; Alhambra Jewish Center, Calif., 55-57; Temple Beth Kodesh, Canoga Park, Calif., 59-61; Assoc.-Editor, Heritage Newspaper, Los Angeles, 58-60; Israel Youth Town Patron, 70; publ.: "The Voice of Judaism", newspaper; "Acres of Happiness", 68; Hon. Sheriff, Montana; Crusade f. Freedom Award, talks ag. communism; Sermon

Award, "Freedom Under God", sermon contest.
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MAISELS, Israel Aaron: Natl Chmn, Keren Hayessod-UIA, South Africa; Govnr: J.A.; Weizmann Inst.; p. Chmn & Pres., S. A. Zion Federation; Judge of Appeal; Queen's Counsel; B.A.; L.L.B.; b. 19.11.1905, Johannesburg; Witwatersrand U., Johannesburg; m.: Muriel Honnor Fried, 28.6.34; 4ch; vice pres., p. pres., S. A. Jew Board of Dpt; mbr Zionist Congress Court of Honour; p. chmn, Gen. Council, Bar Assn of S. A.; council mbr, Witwatersrand U.; Adv. of the Supreme Court, S.A.; Major, S.A. Air Force, 40-44; Judge, High Court, S. Rhodesia, 61-63; cl. mbr of Middle Temple; barr. at law.
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MAISELS, Moshe (Misha); hon. D.H.L., Hebrew U., College, N.Y.; editor Mosad Bialik Publishing Co., 1959; b. Warsaw, May 15, 1903; m. Deborah Wald; 2 d.; educ.: Rabbinical Sem., Warsaw; to Israel, 1959; editor, „Hadoar", Hebrew weekly N.Y., 1954-59; Author of "Thought & Truth", 1939; Bialik prize, Tel-Aviv, Municip., 1959; writes under pen name M.H. Amishai.

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MAJUS, Jacob; journalist; economist; mbr, Polit. Bureau of Mapam, United Workers' Party; Secret. Gen., Israel Peace Council; Chmn, Middle East Peace Institute; b. in Poland; educ.: Gymn., Warsaw U.; Cracow Techn. School; m.; 2 ch.; active in Zion. Youth Movement Hashomer Hazair, Hehalutz; mbr, exec. World Hehalutz; to Israel, 1938; worked as agric. laborer, joined Kibbutz Gat; active within Histadrut; mbr. Agric. Centre, Exec. C'tee, 43-47; mbr. exec. c'tee H. H. in Israel, -58; on Haganah & Jew Agency missions to Europe, 47-50; head, Hashomer Hazair Bureau f. Europe in Prague, 47-50; publ.: "Peoples Build Their Future", essays on econ., polit. & social topics; "Struggling for Peaceful Solutions", pamphlet on the Arab-Israel Conflict after 1967; transl., book on Lenin, by Clara Zetkin; award, Austrian "Peace Defense" Medal; Peace Medal, Frederic Joliot Curie.

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Jer.; postgrad. studies, N.Y.U. Coll. of Dent.; Res Fllw, Beth Israel Med. Center, Inst. of Pathology, N.Y.; m. Erela Silberfarb; 2 s.; 1 d.; lctr cytol., Haifa Medical School; Head, J.M. Kaplan Unit for Oral Cancer Detection — H.M. Seldin Center, Rambam Hosp.; p. Dental Officer, The Gambia, W. Africa — Isr. Intl Assistance; p. chmn, Alumni H.U. Sch. of Dent. Med.; dep. chmn, Isr. Dental Assn (chmn, Haifa branch of Assn); mbr, Isr. Med. Assn; secr., treas., Isr. Scty of Cytol.; Intl Acad. of Cytol.; Intl Alpha Omega Fraternity; Intl Assn f. Dental Res., Isr. branch; Isr. Scty f. Oral & Maxillo-Facial Surg.; publ. papers on dentistry & cytology topics; papers delivered at: F.D.I. Intl Cong., Tel-Aviv 66; Intl Cong. f. Oral & Maxillo-Facial Surg., Amsterdam 71; 4th Intl Congr. of Cytology, London, 71; recip. The Maury Massler Award f. res. conducted f. the D.M.D. thesis.

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MALETZ, David; teacher, writer; b. Poland, 1900; to Israel, 1920; mbr. kibbutz, 22-; ed.: trad. Jew. studies in Cheder & Yeshiva; m. Ruhama Hasanov, 1933; 3 d.; (son, fell in War of Independence); mbr: Histadruth, Mifleget Haavodah, Ichud Hakibbutzim; publ.: "Ma'agaloth", Am Oved (transl. into English — "Young Hearts" — and into Yiddish, in "Der Tog", N.Y.; "Hathattim Baderech"; "Hashaar Naul", Am. Oved; "Missaviv La'Icar", Tarbut Vechinuch; award: Brenner Prize f. Literature (f. "Ma'agaloth").

Kibbutz Ein Harod (Ichud).

MALIN, Harry; educ. dir.; Exec. Dir., Talmud Torah of St. Paul, Minn., 69-; Hon. Pres., Educators Assbly; mbr, Natl Brd, United Syn.; Natl Cl. f. Jew. Educ.; b. 23.8.1916, Brooklyn, NY; ed.: City Coll., NY; Teach. Inst., J.T.S.; Yale U.; m.: Penina Cohen; s.: Dr. Seth A., Barry D.; visited Israel: 58, 60, 62; p. Educ. Dir., Cngrn Rodeph Sholom, Bridgeport, Conn., f. 33 y.; p. Hebr. lctr, Bridgeport U.; p. mbr, United Syn. Comm. on Jew. Educ.; p. Secr. & Pres., Educs. Assbly; p. mbr, Natl Youth Comm.; p. Pres., Natl Leaders Cl. of Young Judea; p. Secr., ZO Bridgeport, Conn.; p. Educ. Cnslt, United Syn. of Am.; p. Educ. Dir., Camp Young Judea of New England; Jew. Songster f. ch.; publ.: Purim Megillah f. ch.; Model Seder; Curriculum & Guide f. Teachers.

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MANDELBAUM, Bernard; educator, author; exec. br. Histadruth Ivrith; dir, Seminary Israel I.; pres., professor, Jew. Theolog. Smny of Am; Rabbi; B.A., M.H.L., D.H.L.; b. in Brooklyn, N.Y., 12.1.1922; att. Columbia Coll, '42; J. Th. S., '46; m.: Judith Luise Werber, 1946; ch.: Joel, Dasi, David, Debora, Naomi; auth., edit., "Assignment in Israel" (Harper & Rowe), "Choose Life" (Random House), "Pessikta d'Rav Kahana" (J.T.S.A.), "The Wisdom of Solomon Schechter"; edit. "Eternal Light"; NBC, TV, Israel films: The People of The Book", "The Land of The Book".
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MANDL, Avraham; painter, journalist; Dir., Taxes Museum; dir. publishing house & editor, Quarterly f. Taxes Affairs, 64-; b. Cluj, Transilvania, 30.5.1930; to Israel, 1941; ed.: Yeshivot — Haifa, Petah-Tikva; grad., Paint. & Sculpt. Studio, Neve-Shaanan — Haifa; m. Tekuma Carlebach; d. Ayelet-Hashahar; p. spokesman, State Revenue Adm.; p. chmn, Paint. & Sculpt. Assn; art critic, "Davar" — Jer., 63; deleg., Intl Congress of Plastic Art, N.Y., 64; mbr: Intl Museums Assn, Isr. Museums Assn; one-man shows: Gall. "Lim", T.A., 68, 73; Beth Olim Jerusalem, 71; part. group-shows, Isr. & abroad, 53-.
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MANHAM, Percy Nahum, F.A.I.A.; Dep. Chmn, "Peltours" Ltd.; Chmn, "Paimex" Israel-Africa Import & Export Co. Ltd.; Dir., Peltours International Ltd., The Magen Ins. Co. Ltd. & other associated enterprises; b. Durban, South Africa, 30.9.1907; m. Liebe Anne Saron; 2 d.; 1 s.; ed.: Natal Technical College, Durban; to Israel, 1945; p. Pres., Tel-Aviv Rotary Club.
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MANI, Eliahu; District Court Judge, Tel-Aviv; b. Jaffa, 1910; educ.: Law Classes, Jerusalem; Liverpool University.
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MANN, Daniel; soc. worker — community org.; Natl Coordinator, Am. Zion. Fed., 69-; b. Cincinnatti, Ohio USA, 14.2.1932; ed.: U. of Chicago, B.A., 52; Columbia U., M.A. (Am. Govt.), 59; Coll. of Jew. Studies, Chicago; Beth Berl, Israel; m. Elaine Scherr, 1956; s. David; Natl Secr., Habonim, 55-58; Dir., Youth & Young Adult Activities, Fed. of Jew. Agencies of Gt. Phila., 59-60: Natl Secr. & Exec. Dir., Poale Zion, 61-68; mbr C.C., Natl Exec. C'tee, Lab. Zion. Alliance; Natl C'tee f. Histadruth, Am. Habonim Assn (co-founder), JNF; mbr, Edit. Brd, Jew. Frontier; mbr: Natl Exec. C'tee, Jew. Labor C'tee; Intl Affairs Commission, Natl Jew. Community Relations Advis. Cl.; Natl C'tee, Am.-Isr. Pub. Affairs Comm.; C'tee on Pub. Issues, Natl Confer. of Jew. Communal Serv.; Reconstructionist Synagogue of N. Shore (L.I., N.Y.); Am. Civil Liberties Un.; deleg., 27th WZC; overseas-assoc., Assn of Ams. & Canadians in Israel.

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MANN, Fredric R.; Mbr Brd of Governors, Tel Aviv U.; U.S. businessman, philantropist, comm. worker; b. 13.9.1903 in Gomel, Russia; educ.: Wharton School, U. of Penna., B.Sc. 1924; Pres. Mann Kraft Corp., 59-; since 1934, on innumerable business & Govt assignments, affiliations w. musical orgs in US, founder of Mann Auditorium Tel Aviv, etc.; p. deleg. to UNO Educ., Sci. & Cult. Org. 14th General Conference, 1966; p. U.S. Ambass. to Barbados & U.S. Spec. Repres. to Antigua Dominica, Granada, St. Kitts-Nevis, Anguilla & St. Lucia, 67-69; Fllw, Brandeiss U., 52-; Vice-Pres., Am C'tee f. Weizman I. of Sci.; Hon. Chmn of Brd, Am Israel Cult. Fndn; Hon. Pres. HIAS, Phila; Treasurer, Feder. of Jew. Agcies, Greater Phila., 56-7-8; leading offices in almost every Jewish, Zionist & Pro-Israel activity; honorary degrees: Dr. of Music, Combs Coll., 58; do, Phila Music Academy, 59; Ital. Govt "Ordine Al Merito", 1959; Govt. of Brazil Southern Cross Award, 1965; Dr. of Humanities, Springfield Coll., 1969, etc.; p. mbr., Natl Advisory Council of The Peace Corps, 61-63.

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MANN, Joseph; Electrical Engineer; General Manager, ORAM — Electric Industries Ltd. Lod, 64-; b. Israel, 1924; ed.: Technion Haifa, El. Eng.; married; 2 d.; served Jewish Brigade, 42-46; with IDF, 48-50; with Ministry of Defence, 54-64.

22, Mordechai St., Ramat Gan; Tel. 743704.

MANN, Kalman, Jacob; M.D. (Lond.); F.R.C.P. (Lond.); D.T.M. & H.; physician; specialist in Internal Medicine and in Public Health; Director General, Hadassah Medical Organisation; mbr, Board of Management, Hebrew University—Hadassah Medical Sch.; Assoc. Prof. in Org. & Admin. of Medical Care; member of the Industrial Physicians Assn; chmn, Isr. Med. Assn C'tee on the reorg. of the Isr. Health Service; Chmn, Natl C'tee on Disability Ins.; mbr, Assn of Specialists for Diseases of the Chest, England; mbr, Intern. Assn of Internists; mbr, Israel Assn of Hosp. Dirs; mbr, Israel Health Council; mbr, Isr. Hospitaliz. Comm.; vice-Pres. Int'l Hosp. Federation & Member of its Executive Committee; Advisor to W.H.O. on organization of medical care; b. Jerusalem, July 15, 1912; m. Sylvia Games; 2 d.; 2 s.; educ.: Mizrahi Teachers' Seminary, Jerusalem; London U.; papers on pulmonary tuberculosis, pneumoconiosis, medical planning in community and hospitals and other medical topics, published in scientific periodicals and prepared for international medical conventions; author of research volume "Visits to Doctors"; recip. Henrietta Szold Award by Tel-Aviv Munic. (f. serv in P.H. & Soc. Med.) 73.

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MANN, Moshe J.; Bank Dir; mng. dir "Tefahot", Isr. Mortgage Bank Ltd., 63-; chmn, brd of dirs, Carmel Mortgage & Investment Bank Ltd.; b. 26.6.1926, Jerusalem; educ.: acad.; m. Bruria Stiber; ch.: Hanna, Yehuda-Leib, Itzhak, Haim, Syma; p. Jewish Agency Treasury, 49-51; w. Govt. Account. Gl., Dep. Acc., 51-63.

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MANNES, Udo J.; mngnt consultant; mbr, European C'tee for Science Based Industries in Israel; mbr, exec., Israel Management Consultants; mbr, Swiss Chamber of Comm., Zurich; b. in Zurich, 8.3.1936; educ.: Federal Inst. of Technology, Zurich; M.I.T., Cambridge, USA; Dipl. Eng. ETH; Ms. in Industr. Mngmnt; m.: Miriam Matzner, 1961; 3 ch.

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MANNHEIM, C.H.; Prof., Head of Dpt., Food Eng. & Biotechnology, Technion Haifa, 71-; b. Germany, 1927; to Israel, 1938; ed.: U. of Illinois, Urbana Ill., B.Sc., 53; M.Sc., 55; Ph.D., 57; m. Bilha Friedman, 1951; d.: Michal, Dalith; s. Adi; Research Assist., Illinois, 53-57; Prod. Mng. of Adir Co. Ltd., Tel-Aviv, 57-59; Visit. Res. Eng., U.S.D.A., Western Reg. Res. Lab., 65-66; Chmn & mbr of various c'tees, Israel Standards Inst.; mbr: Isr. Assn of Food & Nutrition Sci.; Inst. of Food Technologists, USA; Sigma Tau; Sigma Xi; Gamma Sigma Delta; Packaging Institute; research & sci. publications.

24a, Hanassi Ave., Haifa; Tel. 84503.

MANNY, Elijah M.; LL.B.; Supreme Court Justice, Jerusalem; Barrister-at-Law (Gray's Inn), and Notary Public; advocate; b. Hebron, 1907; m. Zipora Gamzu; 2 d.; educ.: Hebrew Teachers' College, Jerusalem; Liverpool University; called to the English Bar (Gray's Inn), 1932; tutor, lecturer in English law, Government Law Classes, Jerusalem, 1933; Acting Consul for Mexico, 42-48.

18 Radak St., Rehavia, Jerusalem.

MANOR, Amos; Dir. Gen., "Lodzia" Textile Co. Ltd., 70-; b. 8.10.1918, Rumania; to Israel, 1948; ed.: University; m.: Zipora Perl; 1 s.; various assignments, Isr. Min. of Defence, 48-64; repr. Isr., International Credit Bank, Geneva, 64-; mbr of leading bodies: "Ata", Kupat Am, Builders Group "Bonei Arim", Industrial Financing Co.
6 Kikar Malchei Israel, Tel-Aviv; tel. 261081.

MANTEL, Hugo (Haim Dov); Assoc. Prof., Jewish History, Bar-Ilan U., 60-, & at Haifa Coll., 64-68 & T.A. U., 65-66; Res. Assoc., Harvard U., 67-68; Flw., Harvard Divinity School, 67, 68; b. Vienna, 3.3.08; m. Edith Maybush; 1 s.; ed.: Yeshiva U.; Isaac Elhanan Theological Smnry.; Harvard U.; to Israel, 1959; prof., Jewish History, Acad. of Higher Jewish Learning, and N.Y.U., 58-60; Chaplain, U.S. Army, 1944-46; Pres., Council of Hapoel Hamizrahi; Boston, 1948-49; mbr, Am. Acad. f. Jewish Research; Natl. Assn. of Professors of Hebrew; Am Jew Hist. Soc.; Rabbinical Assembly of America; author of: "Removal of the Sanhedren from Yavneh to Usha"; "Studies in the History of the Sanhedrin"; co-author (with father) of "Wort und Zeit"; collaborated in translating the Bible from Hebrew to Japanese; contributor to: "Tarbitz", Encyclopedia of Education, Harvard Theological Review, Encycl. Britannica, World History of the Jews, Encycl. Judaica, Encyclopedia of Religion, Bar-Ilan Annual; particip. Wrld Congr. Jew. Studies (4th & 5th); collab. Encycl. Judaica, etc.
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MAOZ (Mosbacher), Benjamin; M.D.; Psychiatrist, Geha. Hosp; Health Centre, Beilinson Hosp.; b. Kassel, Germany, Oct. 31, 1929; m. Elly Drucker; 3 d.; educ.: Amsterdam U.; research works in mental diseases; awarded, research prize, by the Histadruth. grant f. res. about Menopause, from N.I. M.H., US govt, 68- 73; Ph.D., Leiden Holland, 73; head, outpat. clin. Beilinson Med. Centre (Geha), 73-.
93 Rav Reuven Katz St., Nave-Oz, Petach Tikva; tel. 915198.

MARCUS, Ben; brd chmn, Drumont Knit. Ltd.; pres., Benmar Knitwear Corp.; mbr: brd of gvnrs, UJA; brd of dirs, Am.-Isr. Cult. Fndn; brd mbr: Jew. Comty Serv. of Long Island; S. Schechter Sch.; hon. pres., Hillcrest Jew. Center; found.-mbr & pres. of Am. Com. f. Shenkar Coll. of Fashion & Design, Ramat-Gan; ed.: Hazeltown HS; City Coll., N.Y.; m.: Lilian Kaplan; 2 d.: Ina Ross; Judith Chyten; found. & p. chmn, Gt. Queens — N.Y. Israel Bond Org.; p. pres., Queens Cancer Res. Scty; p. chmn, Fed. of Jew. Philanthropies in Queens; founder of Atid (Am. Trade f. Indust. Dev. of Israel); part. at Israel's P.M.'s Econ. Confer., 73; awards & citations from UJA, Fed. of Jew. Philanthropies, Am.-Isr. Cult. Fndn, Hillcrest J. Center, Queens Cancer Res. Scty.
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MARCUS, Rachel; actress; b. Poland, 1913; m. Nathan Alterman; 1 d.; educ.: drama studio, Vienna; to Israel, 1935; Appearances with Matate, Habimah, Zavit & Cameri; roles, i. a.: "The Glass Menagerie", "Marius", "Little Foxes", "Look Back, Little Sheba", etc.
30 Nordau Blvd., Tel-Aviv.

MARCUS, Yizhak; Prof. of Inorganic Chemistry; b. Kolberg (Germany), 1931; m. Tova Semel, 54; 2 d.: Tamar, Ruth; Ph.D., 56, Jerusalem; postdoctoral, fellow, Royal Inst. of Technology, Stockholm, 56-57; guest scientist, Oak Ridge Natl. Lab., 57-58, and Lawrence Radiation Lab., Berkeley, 61 & 65; resident assoc. chemist, Argonne Natl. Lab., U.S., 65; research chemist, 52-58, head, Radiochemistry dpt., 1958-; dir, Chemistry Div., 64-65; consultant, Soreq Nuclear Research Center, Israel Atomic Energy Commission, 65-; Hebrew U.: visiting lecturer, 62; professor, 1965.
36 Hapalmach St., Jerusalem; tel. 63898.

MARCUSON, Lawrence; artist; b. Glasgow, Scotland, 18.2.1933; to Israel, 1956; ed.: Shawlands Acad., Glasgow; Glasgow School of Art ("Diploma of Art"); m. 1957; 2 s.; 2 d.; p. commercial artist in display work; mbr, Kibbutz Kfar Hanassi, 56-; One-Man Exhibitions: Brown Thomas Little Theatre, London, 55-65; Ben Uri Gall., London, 56-60; Oxford, 56; Katz Gal., T.A., 61; Upper Galilee Regional Cl., 62; Ramat Gan, 62; Z.O.A., Tel-Aviv, 64, 69; Katz-Idan Gall., 71; also, Group-Shows in Germany, Austria, France.
Kfar Hanassi, Chevel Korazim; Tel. 067-37534.

MARDOR, Munya M.; head, Natl. Econ. Emrgcy Planning (68-); p. dir gen., Israel Weapons Research & Development Authority, Min. of Defence, 1958-; b. Russia, 1913; m.; 1 s.; 1 d.; to Israel, 1933; in several Haganah commands, 36-38; commander, Air-Transport Command, IDF., War of Liberation; on Staff, IDF. and Min. of Defence, in several capacities, 49-52; dir., Scientific Dpt., Ministry of Defence, 1952-; author of "Shelihut Aluma" ("Strictly Illegal" in U.K.; "Haganah" in U.S.A.) — episodes of Israel's struggle for independence.
33 Haoranim St., Kefar Shemaryahu; tel. 930421.

MARGALIT, Dan; journalist; political corresp., "Haaretz" daily, 69-; b. Israel, 13.3.1938; ed.: H.U., Tel-Aviv U. (2 years); m. Eliora Susayeff, 1960; d.: Noya, Shira; publ.: "A Message from the White House"; "101"; "Parachutistes in a Syrian Jail."
29, Ha'banay St., Jerusalem; Tel. 527889.

MARGALIT, Eliyahu; Mng. Dir., Housing Mortgage Bank Ltd.; mbr, Brd of Dirs: Bank Hapoalim B.M.; Bank Japhet (Chmn); Otzar Hashilton Hamekomi; Dir., Brith Hapikuach shel Ha-Cooperatzia Ha'Histadrutit; b. 6.12.1902, Grossulovo, Russia; ed.: Govt. Gymn., Belgorod-Dzestrowsk; U. of Liége, Belge (Commerce); m. Tova Dembo; p. Dir., Kupat Milveh, Rehovot.
4 Dr. Marshov St., Rehovot.

MARGALIT, Meir; actor, reciter; outstanding Israeli man of the stage; longtime mbr of 'Ohel" Workers' Theatre; b. Ostrolenko, Poland, 1906; to Israel, as halutz, in 1921; p. mbr of Trumpeldor's Ghedud Haavoda, -26; worked at Jerusalem Quarries, building in Tel Aviv, etc.; co-founder of "Ohel" Workers' Theatre, 25, & mbr thereof ever since, except f. 2 years with "Habima" (58-59); record appearances, as Sweik, 800 times; played main parts of classical repertoire, e.g. Aragonn, Harpagon, Jourdaine, Arnolf, Falstaff, Prishon, Pilorgos; also Jewish repertoire (comprising Shimele Soroker, Menachem Mendel, Lewi Moskovoier, all by Sh. Aleichem; Benyamin, Reb Shaye, by Mendele Mocher-Sefarim; The Rabbi, in Opatoshu's "Polish Woods"; Reb Ber, by Sloves' Time of the Nightingale; Borozovski, in Kishon's "Ketubba"; Reb Kalman, in Hershele, by Ghershenson; The Writer, in Megged's "Incubator on the Rock"; Rav Shmuel, in Jerusalem Walls, by Bar Yosef; Shmuel Halitay, in Jerusalem Backstreets, by dtto; Ovadya, in Stairs' Street, by Hendel; Hannaniya, in "Jeremias", by Zweig; also leading roles in plays by Gorki, Dostoyewski, Ostrowski, Shkwarkin, Max Frish, Caldwell, Shaw, Priestley; starred, as Simchon, in full feature film "The Family"; toto, over 100 parts on the Hebrew stage; recipient of Israel Prize, Aharonowitz Prize (Histadrut), Gordon Prize (Jew, Agcy), Ramhal Prize (Tel-Aviv Municip.), Klausner Prize; hon. Freeman of Rehovot; m.: Israela Lichtenstein-Weitzmann; p. activ. in Haganah, appearances before the Jew Brigade Group, world war 2, in Europe & Immigrants Camps in Cyprus, Europe; before IDF units all over the country.

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MARGALIT, Yona; chem. eng.; M.B.A., technical mng.; b. in Petach Tikva; grad. B.Sc., Technion; grad. M.B.A., Tel-Aviv U.; m. Malca; s. Mordechai; IDF, 61-64; civ. serv. 64-; mbr, chem. dpt., Isr. Assn of Eng. & Arch.

3, Zahal St., Kiron, Kiryat Ono.

MARGALITH, David, Dr.; Physician, historiographer, lect. on the history of Med., editor of "Korot"; hon secry, Socty of History of Med. & Science; b. in Ukraina; m.: Gissa Gerner, 14; s. Zeev; educ.: Yeshivat Rav Tzayir, Odessa (stud. also shechita), then H. Sc. & Univ.; pediatrician, dir. of I. f. Retarded Children; also Zion activity in Baku, Secry Central Zion C'tee, org 1st Caucasian Zion Convention, 1917 & aliah 1927; pract. in numerous places all over the country, then w.K.H. Kfar Saba & K.H. Amamit; pres. of K.H. Amamit drs f. 40 yrs; app. hon secry, editor of Koroth quarterly of Socty of History of Med & Sc; lectures on this subject at Bar Ilan U. (60-64); mbr Soc f. His. of Medicine, Paris, 1965-; awarded: Prize of a/m Society, 1956; Prize Dr. Einhorn-Szold, 67, 71; Prize Muntner of IMA, 73; publ.: 5 books; 233 studies in Isr. & abroad; 520 popular articles in Hatzofe, during 21 years.

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MARGALITH, P.; microbiologist; Assoc. Prof.; academic staff, Technion Haifa, 59-; b. Austria, 1926; to Israel, 1939; ed.: H.U. Jer., Ph. D.; m. + 3 ch.; Head, Microbiolog. Research Labs, Lepetit SpA. Milano; mbr: Isr., Am. & British Scties f. Microbiology; numerous sci. publications.

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MARGARETTEN, Morris; lawyer; active in all UJA fund raising efforts f. Isr. & overseas causes; mbr, brd of drs, North. Middlesex County Reg., Young Men's & Young Women's Heb. Assn, 72-; Internal Contrib. mbr, Jer. YM & YWHA, 70-; mbr: brd dirs, Jew. Wlfr Brd, 54- (brd of Presidents' Club, 56-); JDC Cl., 45-; exec. comm., Cngrn Shaarey Tefiloh, Perth Amboy, 59-; b. 3.1.1899, NYC; ed.: NJ Law Sch., Rutgers U., LL.B., 23; m.: Pauline Avchen; ch.: Judith Bronston, Beatrice Cohen; pvt law practice, 23-; mbr, State Comm. on Unauthorised Practice of Law, app. by NJ Supr. Court, 66-; counsel, Perth Amboy Gen. Hosp., 64-; assist. county prosecutor. Middlesex Co., NJ., 51-56; p. pres., Raritan Cl., Boy Scouts of Am.; J. Comty Cen.; Cl. of Soc. Agcies; mbr, brd trustees, Horowitz-Margaretten Family Assn, 41-; chmn, Perth Amboy UJA-YHMA Campaign, 45; co-chmn, Round Table Natl Cl. Christians & Jews, 46-48; vice-pres., NJ Reg. ZOA, 48-49; mbr, NJ brd trustees, Un. Serv. Orgs, 59-; mbr: Jew. War Vets; Am. Legion; NJ & Perth Amboy Bar Assns; etc.; recip.: Silver Beaver, Boy Scouts of Am., 35; Bronze Plaque, JWB, 57; H. Feller mem. award, NJ sect. JWB, 57.

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MARGOLIN, Boris; U.S., bus. exec.; b. Russia, 17.3.1904; in USA, 23-; ed.: Slobodka Yeshiva, Russia; Grad. School f. Econ. and Bus. Adm., Minsk; Columbia U.; m. Selma Levine; ch.: Miriam, Ira, Samuel; Pres.: Tioga Silk Co., Inc., and Tioga Weaving Co., Inc.; Chmn of the Brd, Tioga Textile Assoc., Inc.; mbr, advisory comm. to Prime Minister Ben-Gurion on Israel business affairs; Pres.: Histadruth Ivrith of Am., 48-49; Hadoar, Heb. weekly magazine, 55-; mbr, exec. comm.: PEC Israel Economic Corp., 54-; treas., Hebrew Culture Fndn, 55-; mbr, natl brd: UJA; Bonds for Israel; mbr: library comm. and Brd. of Overseers, J.T.S.A.; founder, vice-pres., Massad Hebrew Camps; trustee, Herzliah Heb. Teachers Inst.; mbr, brd. of govs., Amer. Silk Council; dir., Mt. Vernon Hosp.; mbr, Pres.'s Comm. for Physically Handicapped; Head, Boris Margolin Technical Centre, Beer-Sheva; Hon. Citizen, Beer-Sheva.

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MARINOV, Raphael; Mng. Dir. "Hamashbir Latzarchan" Ltd., Israel's chain of department stores; mbr, brd, "Hamashbir Hamerkazi"; b. Russia, Nov. 8, 1905; m. Fania Gershuni; 1 d.; 2 s.; to Israel, 1926; worked

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MARK, Joseph; mngmnt cnslt; dir., Mark Management Consulting Engineers; B.S., Eng. (Dipl.), MBIM (London), MAE AI; chevalier, Ordre de Merite, Madagascar; chmn Tel-Aviv chptr & mbr, brd of dirs, Israel Management Center; b. Sibiu, Rumania; to Israel, 1944; ed.: Technion, & postgraduate work in Sweden; m. Anita Derman; ch.: Dahlia, Iris; w. Palmach, Negev Division; w. Zahal, transfered to sci. unit, 48-50; self empl. cnslt. eng., 53-62; joined U.N. Technical Assist. Bureau to advise Singapore Govt (initiated industries, mng. training, techn. education, etc.), 62-64; similar work in Madagascar, 65; app. Isr. repres. to UN's C'tee on Industrialization, Thailand, 66; Isr. repres. at UN's Industr. Conference, 66; hon. secr., hon. treas., Assn of Mngmnt Cnslts. etc.; lctr: Singapore U., Singapore Polytechnic, Inst. of Productivity, Afro-Asian Training Courses; publ. articles & books in his field; edited "Hamif'al", monthly of the Isr. Productivity Inst.
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MARK, Nathan; writer; lctr on lit., Bible, Thalmud; M.A.; b. Poland, 31 March 1897; to Israel, 1958; m. Clara Klein, 1927; s. Abir-Zion (dec. 13.8.1957 in way to Israel, after years of prison in Rumania as Assir Zion); member: Yiddish Writers Association in Israel, Leiwik House: past mbr, Writers Assn in Rumania; publ. (Yiddish, Hebrew): Di Leimene Foist, 37; Dos Licht in di Oisies, 38; Haatzil Hamahapchan, 59; Derhoibnkeit, 62; Lumina Slovelor (Rum.), 65; Hadag v'Haofer, 67: Vos Shvaigstu Yevtushenko?, 67: Ben Harosen, 68; Yiddish Literatur in Rumenie, fun ir unhoib bis 1968, 71 (a very useful work f. studying the history of Jews in Rumania); awarded Prize of Rumanian Min. of Educ. & Culture (f. a play in yiddish: "The Distinguished"), 1949.
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MARKHAM, Ernest Philip; manufacturer; mbr, Brd of Mng, Auckland Heb. Cngrn; Zion. Cl., N.Z. (Public Relat.); Auckland Zion. Scty; b. 31.8.1925, Wellington, N.Z.; ed.: Nelson Coll.; m.: Shirley Meltzer; ch.: Judith Pezaro, Sally Johnstone, Elisabeth; p. vice-pres., Auck. Jew. Councillor, B'nai B'rith; mbr, Auck. Heb. Cngrn; Auck. Zion. Scty; JNF C'tee, Wellington; Mt. Roskill Rotary Auck.; editor, "Hashofar", 59-69; contrib. to: N.Z. Jew. Chronicle; The Jew. Chronicle, London.
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MARKOWICZ, Avraham Ernst; Indus. Chem. Eng., D.Ph.; cnslt to O.E.C.D. & gen. cnslting chem. eng.; b. Breslau, Germany, 21.2.1901; to Israel, 1937; ed.: Techn. HS & U., Breslau, 19-25; assist. to Prof. Fritz Haber (Nobel prize winner), Kaiser Wilhelm Inst. f. Physical Chem., Berlin, 26-27; m. (second time), Lotte Meuhsam, 1963; s. Menachem; d. Rachel; Techn. Mng. & Chief Chemist, chem. factories, Leipzig, 28-35; Chief of Materials Testing Lab., Messrs Schocken Purchassing Center, Zwickau, 35-37; Chief Chem., TEVA — Pharm. Works, 37-40; Chief Chem. & Techn. Dir., Chem. Ind. TEL-AVIV, P.-Tikvah, 40-43; cnslting ind. chem. f. various chem. industries, 44-48; w. TAAS, 48-49; Chief Chem., "Etz Hazayith", 50; Chief Chem. & Head of Chem. Dpt., Min. of Comm. & Industry, 51-61; on UN mission (Singapore, Malaysia, Thailand, Ceylon), 61-66; repr. of the Manuf. Assn's Central Standard C'tee f. Chemicals, 67-; publ.: articles on problems of chem. indus. in Israel & abroad; specialised in minerals exploitation, conflagration problems & fire-fighting, development of chem. indus., etc.
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13 De Haas St., Tel-Aviv, Tel. 441501.

MARRON (Maierzak), Channa; actress; b. Berlin, Nov. 22, 1923; m. Jacob Rechter; 1 s.; 1 d.; started in Berlin, Paris, as child-actress, 1932; to Israel, 1933; British Army, 40-45; student "Habimah"; later, joined "Cameri", mbr of mngmt thereof; awarded Tel-Aviv Municipal Prize ("Pygmalion"); Klausner Prize ("Nora").
Herzliya-Pituah.

MARTON, Gisele; Dr. Phil.; Journalist; chief editor "Uj Kelet" (Isr. Hung. daily); b. in Cluj; ed., Sorbonne, Montpellier, Cluj U.; to Isr., 46; w. of Dr. Ernest Marton; s. Michael; p. sec. teacher, Tarbut School, Cluj; publ.: Essays on Marcel Proust, Moricz Zsigmond, etc.
127, Rothschild Bd. Tel. 224866.

MASS, Rubin; publisher; Dir., Rubin Mass Publishing House, 27-; mbr, Israel Book Publishers' Assn; mbr, c'tee, "Yad Levanim" Memorial Inst.; b. Wishtinetz (Lithuania), 1894; m. Hanna Heiman, painter; 1 s., Dr. Jonathan, electronic eng.; (son, Danny, Dep. Comm. of a Palmach-Unit, fallen with the "35" on the way to Kfar Etzion, 1948).
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MATELES, Richard I.; Prof. of applied microbiology, H.U. — Hadassa Med. Sch., 68-; b. New York, 11.9.1935; to Israel, 1968; ed.: M.I.T. — B.S. 56, M.S. 57, Sc.D. 59; m. Roslyn Fish, 1956; ch.: Naomi A., Susan R.; Dir., Fermentation Unit; cnslt: Natl Cl. f. Research & Development; Min. of Commerce & Ind.; sci. brd, Wine Inst.; assoc. prof., M.I.T., Cambridge Mass., 60-70; visiting prof.: H.U. Jer., 65, 67; U. of Cal., Berkeley, 66; mbr, subcomm. Presidents' Sci. Adv. Comm., 65-67; cnslt, Aph. Sci. Res. Corp., Bangkok, Thailand; mbr: Am. Chem. Scty, Am. Assn Adv. Sci., Am. Scty f. Microbiology, Inst. of Food Technology, Am. Inst. of Chem. Eng., Scty of Gen. Microbiol., Isr. Scty f. Microbiol., Sigma Xi, Sons of the American Revolution. Cong. Sheerith Israel; publ.: over 40 scientific articles; editor of 2 books.
28, Jabotinsky St., Jerusalem.

MAY, Mortimer; Business Exec (ret.); Mbr WZO's A.C. (Virilist); b. in Laconia N.H., 20.12.1892; educ.: Columbia U., B.S. (14); m.: Gertrude Bloch, 26.12.1917; ch.: Leon May, Reba Blum; mbr exec C'tee Union of Am Hebrew Cgrgs; mbr brd Bonds f. Israel; mbr brd, American C'tee f. Weizmann I., ORT; p. Natl President of the ZOA (54-56); p. V.P., Council f. Jewish Feder & Wlf Funds; p. mbr brd of: HUC; Americ Assn f. Jewish Educ; AM. J.C.; p. Pres, Temple KKOS Nashville, Tenn.
5024, Alton Rd., Miami Beach, Fla. USA.

MAYER, Avraham Max; B.Sc. (Hon.); Ph.D.; Prof. of Botany, Hebrew U.; b. Halberstadt (Germany, 1926; in various capacities, Hebrew U., since 50; visit. prof. Michigan State U., East Lansing (Botany), 1966; author of textbook on Plant Physiology & Germination of Seeds; numerous papers in scientific publications (English).
5 Palmach St., Jerusalem. Tel. 31852.

MAYER, Frank J.; Fin. & Econ. Cnslt; Hon. Consul Gen. of Israel in Luxembourg; p. dir. of comps.; b.: 30.6.1901, Luxembourg; ed.: Paris, Munich, Heidelberg U-ies; Ph.D., Heidelberg U., 23; m.: Ida Lieben; 2 ch.; mbr, K.J.V., 1919-; chmn, KH & KKL, Luxembourg; co-founder, Hachscharah Altwies, Lux., 33; Lux. Deleg. to Zion. Congss; co-founder, Amis d'Israel in Lux.; chmn, H.U. Friends C'tee, Lux.; recip., Officier de la Couronne de Chên, Luxembourg.
P.O.B. 132, Luxembourg.

MAYER, Reuven; M.D.; phychiatrist; dir., Govt. Mental Hosp., Beer Yaacov, 49-; b. Essen, Germany, 1910; m. Miriam Wulis; ch. Ayala Lavie, Irith Eisenberg, Rami; educ.: Freiburg, Berlin, Dusseldorf, Vienna, Basel, Zurich U-ies; med. dir., Bitan & Jaffe private sanatoria, 39-48; additional training in Boston, Washington, Baltimore, on point 4 scolarship, 54-55; mbr., Tel-Aviv U., (psychiatry); docent, psychopathology, Bar-Ilan U.; articles in "Harefuah".
8 Harakefet St., Rehovot; tel. 952370.

MAYER-REINACH, Ursula (Michaela); concert singer (contralto); b. nr. Kiel, Germany (daughter of noted musicologist Albert Mayer-Reinach); to Israel, 1967; ed.: Music Academy and private studies, Hamburg & Copenhagen; m. Dr. Peter Gradenwitz, 1967; sang in Europe, oratorios, cantatas, operas (at the Bayreuth Festivals, in Britten's "Albert Herring" on European tour, etc.); frequent broadcasts, concerts in Israel; active in Dpt. of Musicology, Tel Aviv U.; European and Israeli composers have specially written works for her (among others — Edward Staempfli, Paul Ben-Haim, Karel Salomon, Abel Ehrlich); European tours every year.
C/o P.O.B. 6011, Tel-Aviv; Tel. 448697.

MAYNARD, Alexander Joslyn; Prof. Em., food technology; active in: ZOA, JNF, Am. Friends of HU, Am. Friends of Technion; b. 7.7.1904, Alexandrovsk, Russia; ed.: Oakland Tech. H.S., grad. w. hon., 22; Berkeley U., Calif.: B.S., Chem., grad. w. hon., 26; M.S., Agric. Tech., 28; Ph.D., Chem., 35; m.: Golda Fischer, M.D.; p. pres. & councilor, I. of Food Tech.; chemist, Calif. Agric. Experim. Station; Advis.; Food Process., Min. of Comm. & Indus., Israel, 58-59, 60; Visit. Prof., Food Tech., M.I.T., 60; lctr, Cambridge U., Food Sci.; cnslt, Bureau of Food & Drug Inspec., Health Dpt, Calif., 58-65; U.S. Army, QMC, 42-46; mbr: Am. I. of Chem.; Am. I. of Nutrition; Am. P.H. Assn; Am. Scty of Enologists; Am. Chem. Scty; Am. Sctys of Plant Physiol. & Biol. Chem.; NY Acad. of Sci.; Am. Scty f. Microbiol.; Scty of Indus. Microbiol.; U.S. Army Q.M. Corps, Chicago, mbr of brd, 58-61; AMI, Food & Container Res. I.; F., Am. Assn. f. Advance of Sci.; mbr, several other tech. c'tees; Hon. & Hon. Sctys: Phi Lambda Upsilon; Sigma Xi; Phi Sigma; Alpha Nu; Gamma Alpha; Kosmos Club; awards: Babcock-Hart IFT, 63; Intl, IFT, 61; Nicholas Appert, IFT, 66; Legion of Merit, 45; Bronze Star Medal, 45; Spec. Breast Order of Yun Hui, Natl Gvt of China, 45; Dipl. de Hon. de l'Off. Intl du Vin, 50, 65; Fulbright-Hays res. scholar;

Acad. Merit, Am. Scty of Enol., 71; brd of dirs, S.F. Bay Aren ZOA, 48-50, chmn, S.F. Bay Area Sct; auth. & co-auth., 414 publ. on food sci. & tech. in sci. prof. & trade journals, includ. 16 books.
1317 Spruce St., Berkeley, Calif. 94709, USA.

MAZAR (Maisler), Benjamin; Ph.D.; archaeologist; historian; prof. of history & archaeology Hebrew U; rector, and Pres., 53-61; chmn, Israel Exploration Socty; b. Cechanowiec, June 28, 1906; m. Dinah Shimski; 1 s.; educ.: Giessen, Berlin U-ies; to Israel, 1929; carried out archaeological excavations in different parts of Israel; guest-prof. U. of Chicago, 1951; Brandeis U., 1962; author of "Historical Atlas of Palestine, Biblical Period"; History of Palestine, Ancient Period", etc.; editor, Encyclopaedia, Biblica, etc. Israel Prize, 1968; 1967- in charge of excavations Western Wall.
9 Abarbanel St., Jerusalem.

MAZER, Joseph M.; Honorary Special Fund Chairman of UJA, member of the Natl Exec. Committee; Chairman of the Special Fund of the 1961 Campaign, Co-Chairman of the 1956 Emergency Rescue Fund and Chairman of the 1958 Rescue Fund; active in the UJA of Greater New York; member of its Board of Directors, Executive Committee and Campaign Cabinet; also Associate Chairman in many of its campaigns; member of the Board of Directors of the United Israel Appeal, Jew. Agency for Israel, Inc., Deputy Chairman of the Board of Governors of the Hebrew University of Jerusalem and Terasurer of the American Friends of the Hebrew University.
New York, USA.

MAZER, William; Industrialist; Chmn. of Board, America Israel Cultural Fnd.; chmn., Pulp & Paper Div, UJA; mbr brd of dirs, American-Israel Chamber of Comm; Pres. Hudson Pulp & Paper Corp; Fllw, Brandeis U.; b. in NYC, 30.7.1905; educ.: B.S. at NY U. (26), Columbia U. (27); m.: Helen Cohen; ch.: Linda (Berkowitz), Frank, Robert.
944, Fifth Ave, New York, N.Y., USA.

MAZGAONKAR, Eliezer Joseph; Ret. Gvt Off., Gvt of Burma & India; p. in charge of Detective & Intelligence Off., Burma & India; b. 20.9.1905, Central India; ed.: European H.S., Burma; m.: Esther Elijah; pres., Poona Zion. Assn; trustee, Succath Shelomo Syn. (p. pres.); Worshipful Master, Poona; p. Masters Lodge; p. secr., Lodge St. Andreus in the East; life mbr, Y.M.C.A., Rangoon, Burma; Ex-Rotarian Sgt. of Army Belgaum Rotary Club, India; Freemason (Scottish, English, Indian I.); founder & mbr of several Masonic Lodges in India; p., secr. & treas.; Poona Zion. Assn, KH, UIA; recip.: spec. certificate f. 6 Day War, by UIA, KH; medal f. zion. work, by Dr. Eytan, Wld Zion. Exec. Mbr.
12 Todiwalla Rd., Poona, India.

MAZUR, Irene; Wrld WIZO Exec.; b. Krakow, 11,6.1910; m. Dr. Yehoshua Mazur; 1 s.; 1 d.; educ.: College Switzerland; Inst. for Arts and Crafts, Berlin; in Israel since 1939; social work in Krakow (WIZO and Bnei Brith); in Israel: absorption of immigrants; chmn, Child and Youth Care Dpt. WIZO Tel-Aviv; founder, mbr, Bnei Brith Lodge "Rebecca Sieff".
24, Haneviim St., Tel-Aviv.

MAZUR, Yehosua; Dr. (econ.); b. Radiejow, Poland, 15.12.1900; to Israel, 1939; ed.: Warsaw, Hamburg & Zurich U'ties; m. 1932; d. Rita Gour; s. Adam; Vice-Chmn, Intl Cl. B'nai B'rith; Chmn: Shema, parents assn of hearing impaired children; B'nai B'rith Rehabilit. Fund; Kunin-Luneneld Loan Fund; p. pres., B'nai B'rith, Israel; mbr of various civic & philantropic organisations.
24, Haneviim St., Tel-Aviv; tel. 283674.

MECHOULAM, Raphael; Prof., 72-; Head, Dpt. of Natural Products & Pharmacognosy, Pharm. Sch., H. U. Jer.; b. Sofia, 5.11.1930; to Israel, 1949; educ.: Hebrew U., M.Sc., 53, Weizmann I. & H.U., Ph.D., 58; m. Dalia, 1955; 3 ch.; res. assoc., later snr sci., 58-66; recip. Somach Sachs Award, Weizmann I., 65; publ.: sci. papers on chem. of natural products & illicit drugs.
12, Tchernichovsky St., Jerusalem.

MEDZINI, Meron, journalist; Lctr, Intl Rel. & Communications, H.U. Jer.; Lctr, Pol. Sci., Tel-Aviv U.; b. Jerusalem, 2.9. 1932; ed.: C.C.N.Y., 57; M.A., Georgetown U., Washington, 60; Ph.D., Harvard U., 64; m. Yerma Synaico; 1 s.; 2 d.; w. IDF, 51-54; Dir., Govt. Press Office, Jerusalem, 62-70; political comentator, Kol Israel; regular contrib. to Jerusalem Post; Phi Beta Kappa; publ. numerous articles in Israel & frgn publications; mbr: Am. Pol. Sci. Assn, Isr. Frgn Policy Assn; Mbr Exec. C'tees of: U.N. Assn, Israel-German Scty, Israel-Asia Friendship Assn, etc.
23, Hechalutz St., Jerusalem; Tel. 51074.

MEGGED, Aharon; author; b. 10.8.1920, Wloclawek, Poland; to Israel, 1926; m. Eda Zoritte; 2 s.; mbr of kibbutz, 37-50; mission to Hechalutz, USA, 46-48; literary editor of "Massa", "Lamerchav", etc. 55-68; Cultural Attaché, Isr. Embassy, London, 68-71; p. columnist "Davar"; author of: Spirit of the Seas, Hedva and I, Fortunes of a Fool, The Flight, Living on the Dead, Evyatar Notebooks, The Short Life, Midday, etc.; plays: I Like Mike, Hannah Senesh, Genesis, etc.; recip.: Ussishkin literary prize, 55, 66; Brenner prize, 57; Shlonsky prize, 63; Prime Minister's prize, 73, etc.
26 Rupin St., Tel-Aviv; tel. 232579.

MEGGIDO, Raphael; civ. eng.; licensed eng. & arch.; licensed building contractor; comp. dir., chmn, brd of dirs, Even Zuck

Ltd., 54-; chmn, brd of dirs & dir. gen., R. Megiddo & Co. Eng. Ltd., ILRAM building Co. Ltd. (founded 70); of Eitan Betton Ltd.; founded 71; b. in Odessa, Russia, 7.7.1913; to Israel, 1919; education: "Herzlia" High-School, 1919-1931; B. Sc. (Eng.). Queen Mary's Coll., U. of London (D.A. Low Prize, top stud. of school), 31-34; m. Miriam Friedmann, 27.6.35; ch.: Eithan, Benjamin, Ruth-Sara; p. partner & Eng. Cnslt, J. & R. Magidovitch (Meggido) Archit. Office, 34-54; Municip. Eng. of Ramat Gan, 37-44; Project Eng. & designer, A. A. Lewis & Co. Chicago, 39-40; Town Planning adv., Nethania, 40-45; cnslt, "Shimshon" Cement Works, 46-48; design & construction of various public & residential buildings, villas; various industrial projects; designer, basic town plan f. Ramat-Gan & Givataim (outline scheme); also various detailed town planning projects, Ramat-Gan, Givataim & Nathanya; designer of various parks in Ramat-Gan, Nathanya; construction of commercial centre. Ashdod; mbr, Scty of Engineers & Architects of Israel; mbr, Israeli Contractors Assn; active membr on various technical & organizational c'tee; mbr, editorial c'tee, Israeli Contractors Assn's Journal; publ. articles on technical, ecconomical & organizational subjects· military service: O.T.C. U. of London, 31-33; The Hagana 35-48, area commander; chief of A.R.P. for the Dan district, 48-50; mbr, board of Contractors Association; p. mbr, Municipal Council, Bnei-Braque, 48-52, etc.
8, Hagilgal St., Ramat Gan.

MEHLMANN, Israel; Ph.D.; pedagogue, bibliograph, snr lctr (emerit), U. of T.A.; b. Olchowitz (Austria), 1900; w.; 2 d.; ed.: Teachers' Training College & U.; headmaster of sec. sch. & popular univer., Lithuania; principal, Teachers' Training College, Beit Hakerem; co-founder & first head of Tel-Aviv U.; missions abroad (education & culture); mbr, editorial boards of: Pedagogical Encyclopedia; National Bibliographical Institute; co-founder, Bible World Socty; Dir., Educ. and Cult. Dpt., Jew Agcy, -63; articles on education, bibliography and literature; author "Jewish Education in the Diaspora" (Hebrew), Tel-Aviv, 69; owner of library, 25,000 books, esp. Hebraica, many rare books from 15th and 16th century & some Unica.
9 Hameyasdim St., Jerusalem.

MEHULAL, Arie; Gen. Secr., Chamber of Commerce & Industry, Haifa, 59- (assist. secr., 49-59); Secr., Israel Shippers' Council; b. 9.9.1922, Haifa; m.: Nehama Bendet; 1 s.; 1 d.; p. head, Labor Dpt., British Shipyards, Haifa; articles on commercial & marine topics.
1 Ehud Sreet., Mt. Carmel, Haifa; tel. 243847.

MEIBAR, Meir; p. Mayor of Safad, 69-71 (mbr of Municip. Cl., 54-); b. Israel, 31.1.1918; ed.: scndy sch.; m. Sarah Roth, 1942; s. Yair; d.: Drora, Ruth; active in Haganah, command. of Safad during Indep. War; serv. IDF (w. rank of Seren); Dir., Frgn Trade Bank, Safad Branch, 60-70; p. Pres., "Free Masons", "Rotary"; mbr: C.C., Lib. Pty; Friendship League, Isr.-Am.
Har K'naan, Safad.

MEIDAN (MINTZ) Israel; M.M., MBA (D); Director, Israel Institute of Productivity; Chmn, Supreme Inter-govt. Cl. f. Automation; Fellow Intl. Academy of Management; b. Warsaw, 23.5.1923; m. Shoshana Bombas; 3 d.; educ. Tel-Aviv & Harvard U. (Business Administration); came to Israel 1932; IDF, Aluf Mishne (col.), Acting Chief of Logistics, 48-60; numerous publications on Logistics, Productivity and Quality Control.
6, Yoav St., Zahala, Tel-Aviv.

MEIR, Aharon; Gen. Mng., Un. Mizrahi Bank; p. Mng, Keren Moschavei Hapoel Hamizrahi; b. Hungary, Nov. 28, 1923; m. Zipora Neugroeschel; to Israel, 1938.
16, Kaplansky St., Givatayim.

MEIR, Elchanan Israel; psychologist; snr lctr, dpt. of Psychol., Tel-Aviv U.; head, res. unit, Hadassah Vocational Guidance Inst.; b. 1936, Jerusalem; ed.: H.U. Jer., B.A., M.A.; Amsterdam U., Ph.D., m.: Rachel de Vries; 4 ch.; p. active in students' orgs, public lctrs; mbr, c'tee of indus. & soc. sctn, Isr. Psychol. Assn.
23 Azza St., Jerusalem; tel. 68842.

MEIR (Meyerson), Golda; M. K.; Prime Minister of Israel, 69-; p. Secr. Gen., Labor. Pty; b. Kiev, May 3, 1898; to USA, 1906; w.; 1 d.; 1 s.; educ.: Teachers' Seminary, Milwaukee (U.S.A.); did war relief work during world war I.; to Israel, 1921; agricultural laborer, Merhavia, -24; on staff of Solel Boneh Ltd. -26; mbr., Women's Labor Council, and Histadrut Executive, 1928-; represented Histadrut in U.S.A., England; delegate to Imperial Labor Conference, London, 1930; for some time, dir. "Aviron" Co. Ltd.; chmn, Supervisory Board, Kupat Holim; mbr, Zionist Actions C'tee; for some time, Secr. of the exec. c'tee, Gen. Federation of Labour; acting head, Jewish Agency's Political Dpt.; elected Head, Jew Agcy's Polit. Dpt (23rd Cong.); Minister to U.S.S.R., 1948-1949; Minister of Labour, 1949-1956; Minister for Foreign Affairs, 1956-1966; missions abroad; headed, on several occasions, Israel mission to U.N. Gen. Assembly; off. State visit to USA, 69; formed Govt. of Natl. Unity, Dec. 69.
Prime Minister's Office, Jerusalem.

MEIR, (Mendelson) Mira (Miriam); poetess; HS teacher, lit. & Heb. language; editor of childrens' books, 69-; b. Lodz, Poland, 21.5.1932; to Israel, 1939; ed.: Tichon Chadash, T.A.; Tel-Aviv U., B.A. (Heb. lit. & Heb. philology); m. Dan Meir, 1954; 2 s.; 1 d.; mbr: Kibbutz Nachshon; Exec. C'tee of the Kibbutz Artzi; secr., writers' org. of Kibbutz Artzi; "Acum", Heb. Writers Assn; publ. "Lo Hacol" (Not Everything), poetry, 67; "Baaretz Hahi

Mitahat Lamaim" (In That Land Beneath the Water), poems, 70; "Ma Osim Daghim Bagheshem ?" (What Fish do in the Rain?), poems f. children, 70.
Kibbutz Nachshon, M.P. Shimshon.

MEIRY, Meir Benzion; FAIA; ACCS; CPA the World Zionist Org.; p. Dir. Gen. State (Israel); Comptroller of the Jewish Agency and of W.Z.O.; b. Briansk (Russia), Nov. 15, 1905; m. Rebecca Reitman; 1 d.; educ.: high school of commerce; to Israel, 1925; head, Financial & Information Section; Dep. Dir. Finan. Dpt.; p. Deputy Accountant General, 48-49; writes on economic topics.
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MEISELS, Moshe Shmuel; M.A.; journalist; mbr, editorial staff, "Maariv"; b. Vienna, June 6, 1919; m. Bertha Eisenberger; 2 d.; educ.: Hebrew Coll., Vienna; Hebrew U., Jerusalem; with British Forces M.E., 41-46; started journalistic work on demobilization; writes mainly on political parties in Israel; repres. of Radio Austria in Israel.
10 Katznelson St., Tel-Aviv. Tel. 222620.

MEISL-BERNHARD, Edith; artist, scenographist, Israel Nat'l Opera; b. March 8, 1919, Arad, Rumania; educ.: Academy of Belles Arts, Rome; Special trainning in dresses f. the stage; to Israel, 1961; p. painter, scenographist, State Theatre, Arad, Timişoara, Bucharest; exhibs, Tel Aviv (65), Frankfurt, 65; Canada, 67; Chicago, 68.
Tel Aviv, 7 Gordon St.; Tel. 226880.

MEJZLER, David; mathematician; Cand. Sc. (Ph.D.); Assoc. Prof. in Math. & Statistics, Hebrew U., 69-; b. in Polonnoye, Russia, 20.9.1913; educ.: Natural Sciences Fcty, U. of Lvov, 1940; m.: Fania; ch.: Ghiora, Ghil; p. teacher in Math., & principal secondary sch., Lubom, USSR, 40-41; enrollment Red Army, assignments in petrolif. industry, 41-47; research assoc., math. tatistics, Ukrainian Sciences Acad., Lvov, 47-51; assist., later head, chair of Math., Polyt. I. Lvov, 50-57; to Israel, vie Poland, 1958; w. the I. of Fibres & Forest. Products, 58-64; snr lectr, Hebrew U., 64-68; app., Advisor in math. & statistics, I. for Fibres & Forest. Prod., 64-; publ. various research works in the theory of Probability, etc.
41 Hapalmach St., Jerusalem; tel. 39500.

MELAMDOWICZ, David; secr. gen., "Kupat Holim Le-Ovdim Leumiim"; mbr, Munic. Cl., Ramat-Gan; b. Poland, 1913; to Israel, 1935; m. Bluma Bass; 1 s.; 1 d.
3, Ha'armonim St., Ramat-Gan.

MELAMED, Abraham; M.D.; Assoc. Clin. Prof., Radiology, Med. Coll. of Wisconsin, Milwaukee; Dir., Radiology Dpt, St. Joseph's Hosp., West Bend., 47- & Hartford, 67-; Dir., Am. Friends of H.U., NYC (p. Pres., Milwaukee Chpt.); b. 19.11.1914, Chicago, Ill.; ed.: U. of Ill. — B.Sc., 35; M.D., 37; m.: Hope Goodman; ch.: Abigail Johnson, Agatha Hurwitz, John; trustee, Archives of Am. Art, Smithsonian Inst., Wash.; Dir., Wis. Arts C.; mbr: Wis. Scty f. Jew. Learning (p. Pres.); Am.-Israel Cult. Fndn; Friends of Technion, NYC; Cngrn Emanu-El B'nai Jeshurun, Milwaukee; State Med. Scty, Wis. (p. Chmn, Radiology Sct.); Am. Med. Assn; Milwaukee Roentgen Ray Scty (p. Pres.); Radiol. Sctys, Wis. & North Am.; Chicago Roentgen Scty; Am. Inst., Ultrasound in Med.; Am. Fed. of Art, NYC; Modern Art Museum, NYC, etc.; fllw, Am. Coll. of Radiol.; publ. 50 sci. papers; 25 sci. exhib.
1107 East Lilac Lane, Milwaukee, Wis. 53217; Office: 2500 North Mayfair Rd., Milwaukee, Wis. 53226, USA.

MELBER, Jehuda; Ph.D.; Rabbi, Briarwood Jew. Center, NY, 60-; mbr: Rabbin. Clu. of Am.; NY Brd of Rabbis; b. 5.3.1916, Berlin; to USA, 1956; ed.: Tufts U., M.A., 60; Yeshiva U., Ph.D., 65; p. Chief Rabbi, Jew. Community, Habana, Cuba; Rabbi in: Boston Mass., 54-56; Cngn Kadimah, Brighton Mass., 57-60; Reg. Vice-Pres., Rel. Zion. of Am., 56-58; publ. 2 books: The Universality of Maimonides, 67; Herman Cohen's Philosophy of Judaism, 68; aw., Plaque of Atzmauth, State of Israel, 72.
83-40 Daniel St., Jamaica, NY 11435, USA.

MELCHIOR, Bent; pres. Keren Hayessod-UIA, Denmark; Rabbi; b. 24.6.1929, Beuthen O/S; educ. Ph. D., Copenhagen U., 50; Min. Dipl. Jew College, London, 61; Rabbinical Dipl. Jew. Coll., 63; m. Lilian Weissdorf, 16.12.51; pres. Mizrachi Org., Denmark; p. chmn, Bnei Akiva, 45-48; mbr, Haganah, volunteered to war of indep. (NAHAL), Isr., 47-49; teacher, Jew Day School, T.T., Copenhagen, 49-58; p. edit., Israel Magazine; secr. of Zion. Federation; chmn of Jew Youth Org.; vice president, World Council of Synagogues; lctr, on Jew subjects; mbr of old Jew family f. 18th century; succeeded his father as Chief Rabbi of Denmark, 70; lctr at Copenhagen U., 71; brothers & sister, settled in Israel.
27, Frederiksborggade, 1360 Copenhagen K., Denmark.

MELNICOFF, David C.; econ.; banker; b. Philadelphia, USA, 12.11.1919; ed.: U. of Pennsylvania, B.A., M.A.; m.: Jean Tierney; s. John J.; treas., Jew. Publication Scty; mbr, AJC; 1st vice-pres., Federal Reserve Bank of Philadelphia; trustee, Samuel S. Fels Fund; dir.: Settlement Music School of Phila., Pennsylvania Ballet Co., Phila. Food Distribution Center..
415 S. 3rd St., Philadelphia Pa. 1906, USA.

MELTZER, Julian Louis; publicist; translator; exec. vice-chairmn "Yad Chaim Weizmann", Rehovot Managing Editor, Weizmann Letters; b. London, 11.3.1904; m. Ruhama Blumenfeld; 1 d.; to Israel, 1921; mbr, editorial staff, "The Palestine Post", 34-47; Palestine corresp., "Jewish Chronicle", London, 25-48; "New York Times", 32-33, 38-47;

editor, English Division, Palcor News Agcy; w. Weizmann Inst., 49 — & Yad Weizmann 52-; transl. many Hebrew works into English; articles in Israel & foreign press.
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MELTZER, Neville; commissioner f. N.Z. of Keren Hayessod-UIA; mbr, N. Z. Zion. Council & Auckland Zion. Scty; clothing manufacturer; b. in Auckland, 27.1.26; m.: Ruth Eve Levy, 27.2.56: ch.: Philip Graeme, Bruce Craig; mbr Bnei Brith Lodge Auckland 23-45; mbr Beth Israel Congrn; KH Directorate, Auckland.
2, Rogan St., Hillsborough, Auckland, N.Z.

MELZER, Shimshon; poet, author; mbr, Hebrew Language Academy; editor, Zionist Publications of the WZO.; p. editor, "Atidoth"; editor, Hebrew publ. Jewish Agcy, for youth; b. Tluste (Poland), Feb. 19, 1909; m. Miriam Schaechter; 1 d.; 3 s.; educ.: religious college; Teachers' Seminary Lwow; to Israel 1933; awarded, Tchernikhowsky prize, for translation of I.L. Peretz' works (10 vols.): Holon prize, for "Book of Songs & Ballads" (also awarded prize by Jews of Mexico in the name of Zvi Kessell); translated "Al Naharot", anthology of 76 Yiddish authors; "Or Zarua", won Ruppin Prize, Haifa Municipality, 1960; "Aleph", won the Ramat-Gan Lamdan Prize, 1963.
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MENCZEL, Jacob; M.D.; assoc. prof. of medicine, Hebrew U. Jerus. & Hadassah Medical School; p. Chief Physician and Chief, Lab. & OPD Metabolic Bone Diseases; chief, Metabolic Bone Res. Unit, Hadassa-U. Hosp., Head, Dpt of Medicine & Geriatrics, Shaare-Zedek Hosp.; Chief of Res. Lab., Dpt of Med., Shaare-Zedek Hosp.; mbr, Sci. Cl., Israel Med. Assn; b. Czernowitz, April 23, 1923: married Lilly Simons; educ.: Hebrew University; chief, OPD Med. A., 60-61; Metabolic section: Montefiore Hosp., New York, 61; visit. scientist, Natl. Inst. of Health, Bethesda, 62 & Hines V.A. Hosp.; International El. Roosevelt Fellowship, U.I.C.C., 1963; papers in professional journals; Chmn, Israel Assn of Calcified Tissues Research; Chmn org. C'tee, 8th European Symposium on Calcified Tissues; Chmn, Progr. C'tee, 10th. Intl. Cong. of Gerontol.
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MENDELSON, David; Ph.D.; Chmn, Dpt. of French Language & Lit., Tel-Aviv U., 70-; b. Paris, 7.6.1936; to Israel, 1957; ed.: H.U. Jer., B.A., M.A.; Sorbonne, Paris, Ph.D.; m. Sonia Elmaleh, 1960; 2 ch.; mbr: Assn intl des critiques d'Art dramatique; Société des Amis de Marcel Proust; publ.: "Le verre et les objets de verre dans l'univers imaginaire de Marcel Proust", Paris, José Corti, 68; various papers in sci. publications.
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MENDELSON, Marcel L.; Snr Lctr in World Lit. & History of Art, Bar-Ilan U.; Chmn, Isr. Prize C'tee f. the Arts, 73; b. 9.6.1928, Berlin; to Israel, 1958; ed.: Queens Coll. NY, B.A. (magna cum laude), 48; Yale U. — M.A., 50; Ph.D. (w. distinction), 55; m.: Odette; 2 s.: Avraham Dov, Yehuda Zvi; books: Monograph on Marcel Janco, 62 (Engl., French, Heb.); The Poems of Guillaume Apollinaire, in Heb. transl., 68; many aritcles on lit. & art.
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MENUSY, Yedidia (Didi); writer; columnist, Yediot Ahronot (daily) & broadcaster; b. 1928, Kwutzat Geva; ed.: H.U. Jer., 50-54, B.A.; m. Cyla; 2 d.: Keren, Danna; adv. studies, USA; UNO corresp. for Korea, Japan, Indo-China; undertook a jeep trip through Southeast Asia, Singapore to Bombay, 1956; & through Africa, 1959; press mission to Australia, New Zealand, Samoa, Tahiti, 68; S.A. & Rhodesia, 70; Latin Am., 72; publ. mainly f. satirical periodicals; books: "Poems of the Beginnings", 1950; "Morning Fruits", 1951; "Leave Without a Pass", 1952; "101 Limericks", 1958; "A Collection of Signs", 1960; 'Once There Was A Girl Lucy", 65; "The Situation is deadly but not serious," 70.
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MERCER, Julian (Yehuda); mbr. of the Actions C'tee, Wld Zion. Org.; exec. mbr., Wld Union of Gen. Zionists; delegate to the 25, 26, 27 Wld Zion Congrs.; Barr., Solicitor; b. Warsaw, 31.1.1908; educ.: Gymnazium "Hinuch", U. of Warsaw, LL.M.; Institute Francais de Varsovie (Lit); Melbourne U., LL.B.; m.: Sophie Herbst, 10.4.45; p. snr v. p. of the Zion. Federation; p. pres., State Zionist Council of Victoria, Australia; p. pres., Victorian Zion Org.; founding pres., Bialik College; mbr, Victorian Jew. Brd of Deputies.
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MERETZ, David Paul; Dr. Jur.; b. CSR, 26.12.1894; to Israel, 1939; ed.: Prague & Vienna U'ties; m. Tamara Kresta, 1923; s.: Uri. Michael; dep. chmn, Court of Zion. Cong.; brd mbr: Develop. Comp. Shore of Dead Sea; Bank Adanim, T.A.; mbr, censorshipboard f. films & theater; p. dir., Financial Dpt., Min. of Interior; part. at all Zion. Congr., 1913-; Chmn: Zion. Org. of CSR, Transferbureau Prague, 39; Comptr., Hagana Head Office, 42-48; special deleg. of UIA to Scandinavia, 50-51, 54-56, 59, 66; witness, Eichman trial, Jer.; publ.: articles, in the zion. press; ret. 65.
2/4, Gan Rehavia, Jerusalem.

MERIDOR, Jacob; founder & Chairman, Board of Directors, "Maritime Fruit Carriers Ltd.", Haifa; b. Poland, 1 September 1913; married Zipora Frenkel; 3 ch.; military training in Poland; to Israel, 1932; road builder joined I.Z.L., -33; participated in Iraqi undergr. mission, -41; C.I.C., I.Z.L., 41-43; second i/c, 44-48; exiled, -45; escaped 5 times, author of "Long is the Road to Freedom"; past Member of the Knesseth.
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MERON, (Segall) Moshe L.; adv.; Councilman, Ramat-Gan 67-; Acting Mayor, 69-; mbr, Exec. C. Liberal Pty; b. Germany, 22.3. 1926; m. Ahuwa Wandrow; 1 s.; 1 d.; Advocate General, Israel Air Force, 48-49; private practice, 50-; founder, pres., Israel Junior Chamber of Commerce, 57; World Chairman, Education Commission, Junior Chamber International, 59-60; Exec. Vice-Pres., Junior Chamber International, 61; mbr. of various municipal ctees., Ramat-Gan.
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MERON, Theodor; Ambassador to Canada, 71-; Legal Adviser, MFA, 67-71; b. 28.4.1930; educ.: M.J. Hebrew U., (Law); LL.M., S.J.D., Harvard U.; Dipl. in Publ. Intl. Law, Cambridge U.; to Israel, 1946; m. Roxandra Abramovici; ch.: Daniel, Amos; Mbr. & Counsellor of Israel Mission to U.N., New-York; Intl missions, on behalf of the Ministry; co-author: "U.N. Administr. of Econ. & Social Programs" (Columbia U. Pres, 1966); author of many articles on intl. law.
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MEROZ, Yohanan; Ass. Dir. Gen. (Europe), M.F.A., 68-; Minister Plenip., Paris, 63-68; p. Pol. Sec., Head of Office, MFA; b. Berlin, 11.4.1920; m. Yael Zacharia; 2 s.; 1 d.; first secretary, Israel Legation, Ankara, 1952-54; Counselor, Israel Embassy, Washington, 1954-59; Counselor, Israel Mission, Cologne, 1959-60; mbr, Israel delegation to 15th, 16th & 17th General Assembly UN; dep. chmn, Israel delegation, 13th General Conference Unesco; publ. articles on historic & pol. subjects; contrib. to Encycl. Judaica.
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5 Hankin St., Rehovot.

MESKIN, Aharon; actor; "Habimah"; b. Russia, March 22, 1898; m. Sima Sirkis; 2 s.; to Israel, 1928; major roles: David (David's Crown, by Calderon), Shylock, Othello, etc.; Ramchal Prize, Tel-Aviv, 1956; Israel Prize, 1960.
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MESSER, Oded; B.A.; Mng. Dir., Science Based Industries, T.A.; Chairman, brd of dirs, Dimona-Fibres; p. Mng. Dir., "Arad", Ch. Industries; p. Dir Gen. of Ministry of Labor, -66; b. 9.11.1922, Vienna; m. Tova Moshioff; 1 s.; 1 d.; educ.: Hebrew U., B.A. (Econ. & Intl Relations); to Israel, 1938; with I.D.F., 1948-61 (General Command, Instruction, and H.Q.): Aluf Mishne, 1951.
4 Efter St., Tochnit "L", Tel-Aviv.

MESSING, Roman; composer, conductor, musical adviser, impresario; Dir., Programming and Entertainment, ZOA House, T.A.; head, Union of Musicians, Israel; founder, Galei Zahal Broadcasting Station & "Tevat Noah" orchestra; born 18.9.1911 in Warsaw; 1 s.; educ.: Warsaw Conservatoire; conductor, composer, works performed in Europe, Israel, etc.
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MEVORACH, Mordechai; educator; Dir. Gen., Dpt. f. Sephardic communities, WZO, 72-; b. Bourgass, Bulgaria, 30.6.1926; to Israel, 1948; ed.: Law Fcty, Sofia; H.U. Jer. (Sociology); m.: Aviva Max-Koyoumjuesky; s. Ygal; d. Orna; p. active Hechalutz & Hashomer Hatzair, Bulgaria, 47-; mbr, Kibbutz Yad Mordechai, 48-56; Dir., Aliyat Hanoar, 56-60; J.A. Repres. in Italy, 60-64; Dir., J.A. Bureau, Jew Communities & Org., 64-72; publ. on Jew. topics in dailies & "Tefuzot Hagola" Quarterly.
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MEYER, Amatzya Y.; Ph.D., Theoretic. Organic Chemistry; snr lctr, Hebrew U., Jer.; b. 23.6.1936, Jerusalem; ed.: H.U. Jer., 56-63; M.Sc., 60; Ph.D., 64; Institut de Biologie Physico-Chimique, Paris, 64-65; m.: Haggit Shaham; publ. in the chemical literature; mbr, C'tee f. chem. nomenclature, Acad. of Heb. Language.
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of Relig. & Mental Health; Theolog. c'tee, Natl Inst. of Mental Health; Inst. of High. Relig. Stud.; edit. board, "Cuadernos de Teologia", Inst. of Higher Protest. Theolog. Stud.; advis. board of Shanty Town Reconstr. — all in Buenos-Aires; found. & dir., Arg. Camp Ramah; Latin-Amer. dir., Wrld Cl. of Syn.; chmn, Alumni Fund f. Dartmouth Coll. in Arg.; edit., Libr. of Sci. & Relig.; Quarterly Journal "Majshavot", in Spanish; compl. Sidur, Spanish-Hebrew; Askenazic bi-lingual Machzor, Spanish-Hebr., Intl lecturer; Dozens of T.V. discussions-panels throughout Latin America; p. secr., C'tee of Jew. Law & Standards, Rabbin. Assembly, New-York.

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MEYERS, Nechemia; B.A. (polit. sci.); journalist; public relations off.; head, P.R. office, Weizman Instit. of Science; b. in Minneapolis, Minn., USA, 8.6.1930; two years at UCLA, & compl. B.A. at Hebrew U.; m.: Adeerah Mushin; 2 s., 1 d.; to Isr., 1951; p. mbr Kibbutz Urim, -59; serv. IDF; p. scrty, World Mov. Habonim; p. dep. English edit. Govt. Press Office; w. Weizmann I., 63-; reg. contributor to both dailies and weeklies abroad; numerous transl. from Hebrew into English; p. mbr brd, Assn. of Americans & Canadians in Israel.

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MEYSHAN (Mestschansky), Joseph; M.D.; F.R.N.S.; Fellow, Royal Soc. of Med.; mbr. C.C. Isr. Med. Assn; chmn, Isr. Med. Assn T.A. branch, 50-55; chmn, Assn of Life Insur. Phys.; Pres. Legal Comm. of Isr. Medical Ass.; Chairman, Israel Numismatic Society, Tel-Aviv; b. Odessa, Dec. 26, 1899; m. Tasja-Esther Sokolik; ed.: Odessa, Petrograd & Koenigberg U.; Dir., "OZE" medical polyclinic, 1922-37; to Israel, 1937; author of "Paget Disease"; "The Disease of Herod the Grt."; "Death of Aggrippa"; "The Periods of Jerusalem Coinage"; "The Legion which reconquered Jerusalem, in the Bar-Kohba war"; disease"; "The Disease of H. the Great"; "Jewish Coins in Ancient Historiography"; Essays in Jewish Numismatic; corresp. mbr., Isr. Med. Assn; found., chair f. History of Med., Tel Aviv U., 73; recip., Hon. Prize Leo Kadman.

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MHATRE, Nagesh S.; scientist; Mng. Dir., Miles-Yeda Ltd., Rehovot, 71-; b. Bombay, India, 26.7.1932; to Israel, 1971; ed.: Bombay U., B.Sc.; Oregon State U., M.S.; Rutgers U., New Brunswick, N.J., Ph.D. (Biochem., Microbiol.); m. 1961; s.: Neelan Raj, Ravi Brian; p. snr res. sci. & head, Enzymology Sctn, AMES Res. Lab., Ames Co., Elhart, Indiana USA; mbr: N.Y. Acad., Am. Chem. Scty; res. papers on: Protein Purification & Identification; Isoenzymes of Clin. Significance; Enzyme-Inhibition Studies; patents: Microbial Reunion Production, Method f. Baterimia Detection, Assay f. Bacterial Population Measurement; chapters: Microbial Amylases (Advances in Applied Microbiology); Applications of Immobilized Byopolymers in Microbiology & Immuno'ogy; current topics in Microbiol. & Im-'unol.

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MICHAEL (Feldblum). Michael; Ambass. & Charge d'Affaires, Pretoria; p. Res. Dpt., M.F.A.; Israel Ambas., Kampala; b. Poland, 6.10.1918; m. Esther Kartzownik; 2 d.; educ.: Technion & Higher School of Law & Economics.

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MICHAELI, Elisheva: actress; b. Tel-Aviv, appearances w. Ohel, Haifa & Habimah theatres; roles, i.a.: "Eldorado", "The Visit", "The Physicists", "Mrs. Warren's Profession", etc.

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MICHAELI, Zvi; Mng., Pazit Insurance Agency; b. Greece, 10.11.1917; m. Elvira Matsa; d.: Helen.

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MICHAELY, Michael; M.A.; Ph.D.; Aron & Michael Chilewich Prof. of Intl Trade, Dpt. of Econ., H.U.: b. Kineret, 3.10. 1928; m. Ora Avny (Steiner); 3 s.: Ailon, Yoav, Boaz-Aharon; ed.: Hebrew U. & Johns Hopkins U.; lect. (55), senr lctr., (61); assoc. prof. (65-); prof. (71-); Chmn, Dpt. of Econ. (61-65); Dean, Fcty of Soc. Sci. (68-71), H.U.; postdoctoral, Rockefeller F. U. of Chicago, 59-60; visit. staff mbr., Nat'l Bureau o Economic Research, N.Y., 65-67; Visit Prof. Graduate Center of City U., N.Y., 66-67; publ.: "Concentration in Int'l Trade" (Holland, 62); "Frgn. Trade & Capital Imports in Israel" (63); Balance-of-Payments Adjustment Policies: Japan, Germany & The Netherlands (N.Y., 68); Israel's Foreign Exchange Rate System (Jerus. 68); The Responsiveness of Demand Policies to Balance of Payments: Postwar Patterns (N. Y.. 71).

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MICHALY, Benjamin Y.; lit. critic; ed., mng. Archives, Museum, Labour Mov.; b. Bessarabia, July 26, 1910; m. Hadassah Goldenberg; to Israel, 1939; corresp. "Davar", 36-39 and 47-48; editor "Unser Wort", 50-51; mbr, Board of Dirs., Brith Ivrit Olamit, 62; Vice-Chmn, H. Writers' Association, 60-71; editor, Moznaim, 57-62; publ.: "Olamam shel B'nei Haaretz", 1950; "Yacob Fichman b'Shir uv'Massa", 1951; "Leyad ha-Ovnayim", 1958; "P'ri Haaretz", 1961; "Chaim Hazaz", 1968; 'D'mouioth U'Zedudioth", 71; 'Massa U'Pulmus", 73; ed., Biblical Anthology; contrib. to Heb. & Yiddish lit., pol., publications, newspapers; Chmn, Instit. f. Translation of Hebrew Literature, 66-; Mbr., Council for Art & Culture, 66-; awarded, Holon Prize, 60, "Milo" Prize, 66; Brenner Prize, 69; Fichman Prize, 70.

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MICHEL, Ernest W.; leader of the survivors of Hitler's concentration camps and Regional Director of the Western States Region of the United Jewish Appeal; Co-Chairman of the Auschwitz-Buna Memorial Scholarship Fund; helped launch the first post-war licensed newspaper in Germany; became a correspondent for the German news agency DENA at the historic Nuremberg War Crimes Trial; as Secretary of the reorganized Jewish community in his home town of Mannheim, Germany.

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MINERBI, Itzhak Sergio; economist & diplomat; Dir. of Train. Dpt., MFA, 71-; lctr, H.U. Jer., 72-; Ambassador to Ivory Coast, 67-71; b. August 3, 1929, Rome; educ.: B.A. Hebrew University (60) in Economy & Intl. Relations; Docteur es Lettres, Universite de Paris (67); to Israel, 1947; m.: Hanna Wertheimer; ch.: Tamar, Nurit, Iris; 46-47: co-editor, "Dapey Hechaluz", Italy; 47-56, mbr., Kibbutz Ruchama; 48-49: on Jew. Agcy. mission (polit. dpt.); 57-59: chmn., Israeli Center of WUJS (World Union of Jewish Students); corresp. Italian Radio Corp. (RAI), Italian News Agency (ANSA); 57-60: teacher, "Mahon Lemadrichey Hu"l; 1961-, MFA; 1963, head, Delegation to the UN Tourist Conference, Rome; 1963-67, dep. head, Mission to the E.E.C., Brussels; 1965, adviser to UN General Assembly Delegation; publ.: La belva in gabbia (on Eichman trial), Longanesi, 62; Iniziativa pubblica ed iniziativa privata in Israele, Comunita, Milano, 1963; "Repercussion of the EEC on Israeli Citrus"; Rivaon Le-Kalkala, 1959; "A Levi-Bianchini E La Sua Opera Nel Levante", 18-20, Fondazione Sally Mayer, Milano, 67; "Il Vaticano e la Palestina Durante La Prima Guerra Mondiale", CLIO, Roma, 1967, No. 3; "L'anno 1920 In Palestina Nei Documenti Diplomatici Britannici", La Rassegna Mensile di Israel, Milano, 1967, No. 9; "L'Italie contre le Protectorat religieux francais en Palestine (1914-1920)", Jerusalem, 68; L'Italie et la Palestine, 1914-20 — Paris, 70; Les Relations d'Israel avec la CEE, Bruxelles, 70; Israel et la CEE, Paris, 71.

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MODZELEVICH, Efraim; painter; b. Buenos-Aires, 24.2.1931; to Israel 1939; ed.: art, w. Yaskil, Haifa; m. Shulamit Kochavi, 1953; d. Anat; s. Ari; p. photolitographer, Levin-Epstein; retoucher, "Davar Hashavua"; mbr, Isr. Paint. & Sculpt. Assn; one-man shows; Katz Gall., T.-A., 56, 57, 58; "Nora Studio", Jer., 58; Cult. Inst. of Ramat-Gan, 58; "Jerusalem Gallery", N.Y., 59; Jean Camian Gall., Paris, 59, 60; Ryder Gall., L.A., Calif, 61-62; Rubinstein Museum, T.A., 62; Mus. of Modern Art, Haifa, 62; Royal Oaks Gall., Duarte, Calif., 63; Rina Gall., Jer., 63; Municip. Mus., Bat-Yam, 63; Yad Le'Banim, P.T., 63; Permanent Exhib. Studio, Old Jaffa, 64; Kedem Gall., Old Jaffa, 69, 70; award. "Millo" Prize, 1958.
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MOSSINSOHN, Avital; producer & director; Dir. Gen., Jerusalem Theater; b. 16.2.1939, Kibbutz Na'an; ed.: George Washington U., Wash. D.C., USA; Tel-Aviv U.; Heb. U. Jer.; m.: Adit Ephrat; ch.: Uri, Michael; Inform. Off., Embassy of Isr., Washington, 63-65; dir., press & public affs. Isr. Labour Party, 65-67; dep. dir., Isr. Pavilion Expo, Montreal, Canada, 67; producer & dir., Isr. T.V., 68-71; exec. producer f. public affs program, Isr. T.V., 71-73; citation f. the best production of the year, Isr. T.V., 70-71.

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MOSSINSOHN, Igal; writer, playwright; b. Ein-Ganim, Israel; educ.: Agric. School, Ben Shemen; officer, Palmach, during War of Liberation, Military Judge; Spokesman, Israel Police; author, stories, plays, translated in several languages; 17 plays performed; 2 filmed; novels: Eldorado, Cazablan, etc.; Ussishkin Prize; Cleveland Award for "Canabyses" (play).

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NARBONI, Joseph Georges André; mbr, Exec. W.Z.O. & head, Dpt. f. Zion. & soc. activity among the Sephardi & Oriental Communities; Hon. Pres., French & N. African Jews Assn. in Israel; b. 31.12.1912, Alger; to Israel, 1962; ed.: grad., Fcty of Law in Algeria; married; 2 d.; Captain in French Army, 42-45; lawyer; p. mbr of Bar in Algier & Cl. of Legal Order of Algiers Bars; p. Vice Pres., Isr. Consistory of Algiers; p. Pres., Zion. Fed. of Algeria.

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NARDI, Nachum; composer, pianist; b. Kiew, 6.2.1901; to Israel, 1923; ed.: Acad. of Music — Kiew, Warsaw, Vienna; "became interested in oriental music, arr. oriental prayer melodies and composed in that vein; many of his songs have become pouplar (they were sung esp. by Bracha Tzfira); devoted his life to the musical culture of Israel, weaving together in more than 1000 compositions, biblical themes & the spirit of modern Israel, at work & play, into a colourful tapestry of sounds..." composed: music

f. theatre, esp. f. children; children songs; folk songs; suite f. bassoon & orch.; "Chatuna Temanit" f. clar., bassoon piano & voice; cant. "Lanegev"; orchestral Dance Suite (f. Israel's 10th Anniversary); operatic arr. of Megilat Ruth; etc. mbr: Israel Assn of Music, Am. BMI; award: Engel Prize; Alkoni Prize, 57.

C/O Avigal, 20 Emanuel St., Tel-Aviv.

NARDI (Schwartz), Shulamit; Assist. to the President of Israel, 63-; instr. (English lit.), H.U. Jer., 53-; b. Brooklyn, N.Y., 23.4.1909; to Israel, 1934; ed.: Barnard Coll., N.Y.C., B.A. (with honors, in English); Columbia U., N.Y., M.A. (1st Class); m. Dr. Noah Nardi, 1933; 3 ch.; mbr, Exec. Israel Oriental Scty, Isr. Acad. C'tee, Youth Village of Meier Shfeyah; pres., Am. Jun. Hadassah, 31-33; edit., Hadassah Mag., 40-43; p. Dir. Publ., Am. Zion. Emerg. Cl., New-York; transl.: seventh Dead Sea Scroll "Genesis Apocryphon" (Magnes Press); President Shazar's Autobiography, "Morning Stars", Jew. Publ. Scty, 66.

22, Arlosoroff St., Jerusalem; Tel. 31025.

NARKISS, Uzi; Dir. Gen., Dpt. of Immigration & Absorption, Jewish Agency; b. Jerusalem, Jan. 6, 1925; educ.: Heb. U., 46-47; Ecole Superieure de Guerre, Paris, 53-55; m. Esther Hacohen, Oct. 6, 49; ch.: Itzhak, Ruth, Tamar; mbr., Palmach, 41-46; battalion commander, Israel War of Independence, 47-49; Head, 'Operation" Div., Gen. Headquarters, Sinai Campaign, 56: military attache, France, 59-62; Awarded Legion of Honor by French Gvt.; Commander, Natl. Defence Coll., 63-65; Commanding General, Central Command, 65-68; Commanding General of troops that liberated Jerusalem Six Dav War; rank of Aluf (Brig. Gen.); contributions to military journals.

15 Hanassi St., Jerusalem.

POB 92, Jerusalem.

NATHAN, Amos; Prof. Dpt. of Electr. Eng., Technion Haifa, 65-; b. Liegnitz, Germany, 5.10.1920; to Israel, 1933; ed.: Technion — B.Sc., 42; Dipl. El-Mech. Eng., 43; Dr. Sc. El.-Eng., 56; Columbia U., M.Sc., 51; serv. w. the British Forces, 42-46; serv., IDF (rank: Major), 48-53; at Dpt. of El-Eng., Technion, 53-; Visit. Fllw & Visit. Prof., Sussex U. & Imperial Coll., London, 67-68; Visit. Prof., U. of Rochester, USA, 69-70; 11 patents on electronics; publ.: 40 research works in the field of his speciality.

University of Rochester, Rochester, USA.

NATHAN, Robert Roy; Cnslt Econ.; Pres., Robert R. Nathan Assocs Inc.; Hon. Vice-Chmn, Anti-Defamation League; Founding Pres., Kennedy Lodge, B'nai B'rith; b. 25.12.1908, Dayton, Ohio; ed.: Pennsylvania U., B.S., M.A.; Georgetown U., LL.B.; m.: Mary Tillotson; Chmn: Natl Consumers League; Population Reference Bureau; Pres., Am. Freedom from Hunger Fndn; Dep. Dir., War, Mobilization & Reconversion Off., 45; Chmn: Planning C'tee, War Production Brd, 42-43; Chief: Requirements Div., Defense Advis. Comm. & Off. of Production Mngmnt, 40-41; Natl Income Div., U.S. Dpt of Commerce, 34-40; recip. Hon. LL.D., Georgetown U., 72; one of 10 outstand. young men in USA, 40.

1200 18th St., N.W. Washington D.C. 20036, USA.

NATHAN, Shmuel; Rabbi; Adviser, Ministry of Tourism; b. Breslau, Nov. 21, 1914; m. Eva Kahn; s. Yoel; d. Ada, Yehudit; ed.: Breslau Theological Seminary & U.; Hebrew U.; p. Senior Jewish Chaplain, R.A.F., Mediterranean and Middle-East; ר personal secretary to Mr. Itzhak Ben-Zvi, when Pres. Vaad Leumi; Pres., Yeshurun Organisation; Honorary Secrt., Isr. Inst. of Talmudic Publications; Mbr. Intl. Academy of Tourism (67-).

8 Shmuel Hanagid St., Jerusalem.

NATHAN (Notkovich), Hilel; M.D.; Prof. of Anatomy; Head, Dpt. of Anatomy & Anthropology, Tel-Aviv U. Med. Sch., 67-; b. Moises Ville, Argentina, 1917; to Israel, 1951; ed.: Natl U. of the Litoral, Rosario — Argentina; m. Madeleine Goldschmidt; d.: Malka, Sharona, Hanna, Sima; teaching: in Israel — Technion Haifa (bio-med. eng. sci); Sch. of Communications Disorders, Bar-Ilan U.; in USA — visit.-prof., Rutgers U. Med Sch., New Brunswick; A. Einstein Med. Coll., Yeshiva U.; Mount Sinai Med. Sch., N.Y.; private practice & work in "Baron Hirsch" Hosp., Moises Ville, 47-51; co-founder of High School, Moses Ville, 48; active in Zion. Mov., Argentina; gen. practitioner, Kupat Holim — Negev, 51-52; lctr in Anatomy, H.U. Med. Sch., 52-56; recruited physicians f. Israel in S.Am., on behalf of J.A., 66; mbr: Am. Assn of Anthropologists, Mexican Scty of Anatomists; Am. Assn of Anatomists; publ.: res. works in various fields of Anatomy & Anthropology — blood vessels, spinal column, nervous system, heart, bones, etc.; anthrop. works on skeletons of ancient times in Israel; problems of erect posture in humans & animals; use of autograft fibers as suture material; influence of stimulations in the vestibular system, on blood pressure, etc.; award: Magnes Prize, by H.U. (f. specialized studies in USA), 55; Dr. Federgreen Prize by H.U. Med. School (f. heart research).

16, Emek Dotan, Tel-Hashomer.

NATOUR, Salman; journalist; b. 1949, Daliat El Carmel; ed.: H.U. Jer., B.A. (phil. & history of Middle East); m.: Nada Abu Hamed; mbr, Journ. Natl Fed.; p. active: Isr. T.V. (Arabic news section); publ.: Articles & Ideas in Philosophy, Al-Shark, Jer., 71; Behind the Words (short stories), Al-Hoda, Haifa (1st edit., 72; 2nd edit., 73).

5/51 Dalyat El Carmel.

NATRA, Sergiu; composer; M.A.; b. in Bucharest, 1924; ed.: Music. Acad., Bucharest, 45-51; comp. w. Prof. Leo Klepper; m.

Sonia Natra, sculp.; 2 ch.; first pieces composed & performed by Jewish Symph. Orch., Bucharest (later repeated by famous Roum. conductors, e.g. Silvestri, Rogalsky, Rodan, Cosma, Georgescu, etc.); to Israel, 1961; mbr., Composers U., Acum; G. Enescu Prize (45), Roum. State Prize (51), M.I.L.O. Prize (66); Engel Prize (69); publ. by Isr. Music I., performances under Bertini, Commisiona, Barenboim, Rodan, Singer & by soloists as G. Malcolm, P. Berghout, M. Korchinska, Frank Pelleg, Samsonov; Symph. f. Strings (1960); Music f. Harpsichord & 6 instr., 1964; f. Violin & Harp, 1960; Sonatina f. Harp, 65; Toccata f. Orch., 63; Variations f. Piano & Orch., 66; Song of Deborah, 67; Ballet, Voices of Fire, 67; Music f. Testimonium-Jerusalem (Prelude & Commentary on Nehemia), 68; Environment Music f. an Exhib., 71; Trio in one mov. f. Violin, Cello & Piano, 71; Dedication f. Voice & Orch., 72; perform. in Europe, USA & at several intal music festivals; 1969: awarded Creativity Grant, by Am. Israel Cult. Foundation (Sharet Fund).

10, Barth St., Ramat Aviv; tel. 416329.

NATRA, Sonia; sculptor, painter, ceramist, art writer & teacher; b. in Bucharest, 1925; studied, Acad. of Fine Arts & Guguianu acad.; m. to musician Sergiu Natra; ch.: Daniel, Gabriel; exhib.: Roumania, Prague, Milano, Warsaw, Berlin, Faenza; recip. prize at Intal Art Exhibition, Moscow, 57; works, in Natl Gallery Buch., Simu Gall., Prague Modern Art Gall. & private coll. in USA, U.K., France, Belgium, etc.; to Israel, 1961; earlier works, mainly sculpture (monumental compositions) in stone, bronze cast & marble, commissioned by Roum. & CSR; switch-over in Isr. to ceramics; introducing new methods in art teaching.

10, Barth St., Ramat Aviv; tel. 416329.

NAVE-LEVINSON (Fass), Pnina; U. lctr; Visit-Prof. in Jew. Studies, Heidelberg U., 67-; b. Berlin, 3.4.1921; to Israel, 1935; ed.: H.U. Jer., M.A., Ph.D.; m. Rabbi Peter N. Levinson, 1970; d. Miriam H. Glusman; s. Oded Navé; mbr: Hebrew Writers' Assn; Schutzverband Deutscher Schriftsteller, Switzerland; Sisterhood, B'nai B'rith Mevaksehj Derekh Community, Jer.; Res. Fllw, H.U. Jer.; pen-name: Pnina Bat-Shela; publ.: poems in heb. journals; transl. into Heb., of poetry (Rilke, Michel-Angelo, Modern Gaelic Poets, Juana de Ibarbourou, V. Gerbasi, etc.) & prose (Tommasi di Lampedusa, Il Gattopardo); edit. & transl., Shipley, Encycl. of World Lit.; articles in Encycl. Hebraica (p. mbr of edit. brd) & Encycl. Judaica; contrib. to Jewish-Christian Dialogue (Engl., Germ.); author: Die neue hebraische Literatur, Francke Verlag, 62; Selections from Leon da Modena, 68; The Poems of J. Frances (17th C.), 69; articles on Jew. themes in several Germ. Encyclopaedias (gen. & lit.); regular broadcasts on Jew. themes in West Germany; award.: Klausner Prize, 52; H.U. Warburg Prize, 61; Leo Baeck Prize 62.

30, Abarbanel St., Jerusalem;
23, Bergstr., Heidelberg 23, Germany.

NAVI, Eliahu; advocate; B.A.; Mayor of Beer-Sheva, 63-; Chmn, Arab Affairs Dpt., Labor Pty, 70-71; b. Iraq, 1920; m. Bruria Meir; 3 d.; ed.: Tchr's Smnry; T.A. U.; for many years interested in Arab and Middle-Eastern aff.; mbr, Brd of Dirs & Secr. of Heb. Watchmen's Assn. in Palestine, 42-48; chief instructor, Jew. Agcy., courses for Mukhtarim in Negev, 1946; co-founder, Haganah Broadcasting Station (in Arabic), 1947-48; retired from I.D.F., as Rav-Seren (Major), 1954; private practice in Tel-Aviv, 1954-57; Justice of Peace, Negev, 1957-63.

29 Barak St., Beersheba, Tel. 2271.

NAVON, Arie; painter; caricaturist; b. Donievtzi (Russia), May, 22, 1909; m. Eta Zipkewitz; 1 s.; educ.: Paris Academy of Arts; to Israel, 1919; for many years, caricaturist on staff of "Davar" (daily); exhibited drawings in Israel and abroad; published books of drawings & caricatures; illustrated books by Shlonsky, Alterman, Fichman, Shimonowitz, Lea Goldberg, etc.; painted scenery for "Habimah", "Cameri" & Haifa Municipal Theatre; won prizes by Tel-Aviv and Jerusalem municipalities; also Sokolov Prize and Lapid Prize.

5 Cordova St., Tel-Aviv, Tel. 241775.

NAVON, Itzhak; M.K. (Labor); p. Dep. Speaker, Knesset; mbr.: Knesset C'tee on Frgn Aff. & Defence, Steering C'tee, 65-69; chmn, Isr. Brd, America-Isr. Cultural Fndn; b. Jerusalem, 1921; educ.: Hebrew U. Pedagogy Hebrew Literature, Moslem Culture, Arabic & Literature); married; p. teacher, Jerusalem elementary & secondary schools; dir. Arabic Dpt., Hagana, Jerusalem, 46-49; Second Secrt., Israel Embassy, Argentine & Uruguay, 49-50; Polit. Secret. to late Foreign Minister, M. Sharett, 51-52; Polit. Secret. to P.M., D. Ben Gurion, 52-63; dir., Div. of Culture, Min. of Education & Culture, 63-65.

17, Hatayasim St., Jerusalem; tel. 31967.

NAVON, Uri; Mech. Eng.; Snr Lctr, Dpt. of Mech. Eng., Technion Haifa; b. 1935, Israel; ed.: Technion Haifa - B.Sc., 60; M.Sc., 62; Princeton U. - M.A., 63; Ph.D., 67; m.: Haya Mlinek; 2 ch.; Assist. Prof., Yale U., USA, 67-70.

97a Einstein St., Haifa; tel. 242505.

NEAMAN (Neumann), A.Y.E. (Emil); Dr. (Econ.); economist; C.P.A. Isr.; Mng. Dir., Industrial Development Bank of Israel Ltd., 61-; p. Accountant-General, Govt of Israel, 49-61; b. Budapest, 1907; m.; 1 s.; 1 d.; educ.: World Trade College Vienna; University of Economics & Commerce, Bologna (Italy); author of monograph on "Government Accounting Principles", etc.; mbr.. Executive of World Ort Organisation, Genève & "Ort" Israel; chmn., Israel-Canada Chamber of Commerce, Tel-Aviv.

16, Yair St., Ramat-Gan, Tel. 747732.

NEAR, Henry; editor "The Seventh Day" & responsible f. all foreign editions of "Siach Lochamim"; M.A. (Oxon.); mbr,

Kibbutz Beth Ha'emek, 55-; b. London, 1929; to Israel, 1955; ed.: City of London Sch.; New Coll., Oxford; Eder Farm, Sussex; H.U. Jer.; m. Alisa Goldenberg, 1952; 3 d.; 1 s.; p. secr., English Habonim Movement: p. educ. dir., Ichud Habonim; p. secr. Kibbutz Beit Ha'emek.

Beit Ha'emek, Ma'aleh Hagalil; Tel. 04-922664.

NEBENZAHL, Itzhak Ernst; Dr. jur.; State Comptroller & Public Complaints Comm. (Ombudsman) of Isr., 61-; reapp. to 2 & 3 term; Prof. Ordinarius (emeritus), Frankfurt Univ.; Knight 1st Class, Royal Swedish Order of Vasa; b. Frankfurt o/Main, 1907; m. Hildegard Hollander; 2 s.; 2 d.; educ.: Frankfurt, Berlin, Freiburg U-ies; Assist. Lecturer in Civil Law, Frankfurt U., 30-32; to Israel, 1933; Legal Adviser, Japhet Bank, 34-46; partner, Hollander Concern, Stockholm, New York, London, Buenos Aires, etc., 1967-; Director Jerusalem Development Dpt., Jew. Agcy., 48-50; Hon. Consul General of Sweden, 52-62; Chmn., Israel Post Office Bank, 54-61; mbr., Brd. of Dirs., Bank Leumi Le-Israel B.M., 56-61; Chmn., Advisory C'tee & Advisory Council, Bank of Israel, 57-61; Chmn., Comm. on Fiscal Legislation & Public Accounts; p. chmn., or mbr. of brd., on numerous economic & cultural institutions; Pres., 5th Intl. Congress of Supreme Audit Instit. (Jerus. 65); Chmn, Programme C'tee, UN/INTOSAI Interreg. Seminar on Govt. Auditing, Austria, 71, 73; p. chmn & mbr, Brd Intl Secr., INTOSAI (Intl Org. of Supreme Audit Instit.); studies on Civil Law & papers on legal, econ. subjects, etc.

Jerusalem.

NE'EMAN, Gideon M.; Manager, Mbr. Edit. Board, "Davar", official Histadrut daily, 65-; mbr of Press Cl. & Exec.. Assn of Newspaper Publishers; mbr, Brd of Dirs., ITIM (Israel News Agency); b. in Halle, Germany, 22.1.24; educ.: High School; to Israel, 1939; m.: Batya Zigelman; ch.: Nurit, Elan; co-founder Kibbutz "Gezer" (-64); on mission to South-America, on behalf of Jew. Agcy. (51-54); p. 1st Histadrut representative in Europe, London Head Office (61-64); publ. on intl. labour movement topics.

22, Yagur St. Tel Aviv.

NE'EMAN, Yuval; Prof., Pres., Tel-Aviv U., Physics Dpt.; Advis. to Head of Intell., IDF on spec. problems, 73-; b. T.A., 1925; m.; 2 ch.; educ.: B.Sc., Technion, Haifa; Dipl. Eng. (Mech. Eng.); Dip. E.M., Ecole de Guerre; D.I.C., Imperial Coll., London; Ph.D., London U.; D.Sc., Hon. Causa, Technion (Haifa); w. IDF, during War of Independence 1948, Dep. Comm. "Givati" Brigade (Lt. Col.); p. Dep. Dir. Operations Section, Gen. Staff, 1950, Dir. Planning Section (Col.), particip. Sinai campaign, 1956; p. Military Attache, London Embassy, 1958; extensive research in Physics, 1960-; Associate Intl. Center for Theoretical Physics, Trieste; Dir., Center f. Particle Theory, Texas, U.S.A.; Scientific Director, AEC Israel Labs, 1961-63; visit. professor, Calif. I. of Technology; particip., 6 Day War. 67; Prof. of Physics (non resid.), Texas U.; app. Pollack Chair of Physics, Tel-Aviv U., 69-; shorter guest app.: SW Centre f. Advanced Studies, Dallas, USA, 64, 66; Snr Research Assoc., Columbia U., & Brookhaven Natl Lab., 65; Visit. Prof., Genève, Laussane, Neuchatel, 66; State U. of N.Y.. 67; Visit. Sci., I. des HES, Bures sur Ivette, France, 67, 71; Res. Assoc., CALTECH, 69; Visit. Prof., I. of Theor. Physics, Helsinki, 69; Visit. Prof., Tel-Aviv U., 65-66; Mbr Brd of Gvnrs, do., 67; Mbr Exec. C'tee do., 67-; Dir. (non-resid.), C.f. Techn. Sci., U. of Texas, 68- & Co-Dir., do., 70-; in charge of establ. C.f. Techn. Sci., Tel-Aviv U., 69-; Brd of Gvnrs, Negev U., Beer Sheba & Mossad Hanegev, Sde Boker, 70-; Chmn, Research Subc'tee, Israel AEC, 68-; Mbr, Long Range Plann. Adv. C'tee, Min. of Def., 68-; Dir., C'tee of Assn f. the Adv. of Science, 69-; Chmn, Natl C'tee f. Solar & Terr. Physics, Israel, 69-; do., f. Astronomy, 70-; Corr. Mbr, Intl Union of Pure & Appl. Physics, C'tee f. Particles & Fields, 69-; Mbr, Steering C'tee, Intl Astr. Union 47 (Cosmology), 70-; mbr of the Pbl. C'tee f. USSR Jewry, 70-; on the Edit. Brds Il Nuovo Cimento, 66-; & Intl Journal of Theor. Physics, 69-; also mbr or assoc. mbr of: I. of Strategic Studies; I. of Physics & The Physical Scty (London); Isr. Phys. Scty; Am. Phys. Scty; do., Flw; Intl Asr. Un.: Assoc. of Intl Center f. Theor. Physics, UN Atomic Energy Auth., Thiste; awards: Weizmann Prize, 66; Rothchild Prize, 68; Israel Prize (Exact Sci), 69; Einstein Medal & Award f. Phys. Sci., Washington, 70-; Frgn Hon. Mbr, Am. Acad. of Arts & Sci., 70.

Tel-Aviv U.

NEGBI, (Brodetzky) Ora; archaeologist; snr lctr, Tel-Aviv U., 67-; b. Tel-Aviv, 1929; ed.: H.U., Jer. (arch.), B.A., M.A., Ph.D.; m. 1950; 1 d.: archaeol., Gvt of Israel's Dpt. of Antiquities, 55-66; mbr, Isr. Exploration Scty.

3 Nevé Granot, Jerusalem; Tel. 36826.

NEHAMA, Ben-Zion; founder & manager. Pan-Orient Transport & Forwarding Agency Ltd., 69-; b. Alexandria, Egypt, February 13, 1928; ed.: Secondary School; m. Marcella, 1951; s. Shmuel; worked & acquired a large experience in all branches of shipping; p. active in the Zionist movement in Alexandria; imprisoned in concentration camp f. Zionist activity, during the Sinai Campaign, 56; expulsed from Egypt, with family, and to Israel, 1957; w. Orient Shipping Agcy, as mng. of the shipping, transport & forwarding dpt., -68; the 1st to organize collective shipments in Israel; renowned for the quality of his services in shipping, packing, forwarding & clearing.

56, Uziel St., Jerusalem; Tel. 30131.

NEHER, André; Rabbi; Prof., Head of Dpt., Hebrew & Jewish Studies, U. of Strasbourg, 48-; b. Obernai, France, 22.10.1914; ed.: Coll. Obernai, Lycée & U. of Strasbourg, Yeshiva of Montreux (Switzerland); m. Renée Bernheim; teach-

er, schools in Sarrebourg, Strasbourg, 36-40, 44-48 (expelled by the Vichy Gvt., 40-44); Chmn: Intl Cultural Comm., WJC; WJC — France; French-speaking Jew. Intellectuals; Dep. Chmn, Jewish-Christian Relations C'tee, France; mbr: Brds of Govnrs, T.A. & Haifa U-ies, World Union of Jewish Students; C.C., Alliance Israélite Universelle, Paris; Scientific C'tee, World Un. of Jew. Studies, Jer.; Visit.-Prof., Tel-Aviv U.; author: Moses and the Jewish Vocation, The Prophetic Existence, 10 other books of phil. & theol. content; contrib. to: Encyclopaedia Judaica, Haentsyklopedia Haivrit, Encyclopédie Française, Encyclopaedia Universalis, etc.

6 Rue Ehrmann, Strasbourg, France; Tel. 35-06-02; 6 Alkalay St., Jerusalem; Tel. 65873.

NEMES, Abraham; Eng. Arch. Dipl.; Founder & Gen. Manager, The Alubin Co. Ltd., Haifa; Honor. Consul of Finland in Israel, 51-; b. in Finland, 6.12.14; educ.: Helsinki U.; Technion, Haifa; m.: Tatjana Gurevich; to Israel, 1933; co-founder, Carmel Oarsmen Club Haifa; nat'l instructor of applied sports, Maccabi, 36-39; commanding & training assignments, Haganah, 34-38; discharged IDF service with rank of regim. commander, Eng. Corps, IDF.

7, Yovel St., Haifa; Tel. 522585.

NENNER, Hanoch; President, Spotlight Publications Ltd. (publishers of ISRAEL MAGAZINE); b. 29.6.22, Amsterdam; educ.: High School; to Israel, 1947; m.: Irith; ch.: Yair, Anat; 46-47; President, Zionist Youth Federation, Holland; 52-60, Mayor of Eilat; 61-62, U.S.A. Midwest Representative of Investment Authority; 64-66, Consul General f. Southern France, Marseilles.

33 Harimon St., Neve Magen, Ramat Hasharon; tel. 774380.

NESHER, Arieh; journalist; Head, Haifa Edit. Office of "Ha'aretz"; b. Warsaw, 26.1.1919; to Israel. 1925; ed.: Reali School, Haifa; m. Hadassa Morgenstern; ch.: Moshe, Michal, Merav; w. Jewish Agency Liaison Office, Haifa, 38-40; serv. Trans-Jordan Frontier Forces, 41-46.

5, Netiv Ofakim St., Haifa; Tel. 241536.

NESHER, Itzhak; artist painter, owner of Art Gall. Nesher, Tiberias; b. 1.5.1929, Vienna; to Israel, 1934; ed.: Bezalel Art Inst., Jer.; studies (2 years) w. Prof. Bruno Weber, Basle, Swiss; m.: Carmela Novama; 1 s.; 1 d.; exhibs.: Gall. Katz, Tel-Aviv; Alexander Gall., Tiberias; etc.; Ducker Gall., Boston; Hammer's Gall., N. Y.; Expo & Martel Gall., Montreal; Atualiada & Cosmo Weiello, Sao Paulo; Marwish, Toronto; Natl Art Center, Ottawa; recip. Art Diploma Hebraica Atualiada, Sao Paulo.

Itzhak Sadeh St., Tiberias, P.O.B. 540; tel. 21476.

NETANYAHU, Benzion; M.A.; Ph.D.; editor, author; Prof. of Hebraic Studies, U. of Denver, U.S.A., 1968-; Prof. of Medieval Jewish History and Heb. Liter., Dropsie College, 57-68; editor-in-chief, Encyclopaedia Hebraica, 48-62; general editor, "World History of Jewish People", vol. I, 64; co-editor, Jewish Quarterly Review, 59-60; editor, "Ha-Yarden" (daily newspaper), 34-35; member, NZO mission to U.S.A., 40-41; Exec. Dir., New Zionist Org. of Am., 41-48; mbr., Am. Zionist Emergency Council, 46-48; editor of Zionist political writings, Heb. (six vols.), 35-38; Nordau's Zionist Works, Heb. (four vols.), 54-62; author of "Theodor Herzl", two studies (Heb. 37 & 62): "Israel Zangwill" (Heb.), 38; "Leo Pinsker" (in Road to Freedom, 44); "Antisemitism" (Heb.), 59; "Max Nordau" (three studies, Heb., 35, 36, 54; one Eng., in "Max Nordau to his People", 41); Don Isaac Abravanel Statesman and Philosopher, 53 (2nd ed., 68); "The Marranos According to the Hebrew Sources", 63; "The Marranos of Spain", 66. Fellow and Exec. mbr., American Academy for Jewish Research, New York; mbr., Advisory Council of Institute for Advanced Religious Studies, U. of Notre Dame, Indiana, USA; contributor to Hebrew and English publications.

4 Haportzim St., Jerusalem; 2085 So. Monroe St., Denver, Colorado 80210.

NETZER, David: M.Sc. Agr., Ph.D., plant pathologist; snr plant path., Volcani I., 63-; b. Poland, 9.11.1928; to Israel 1946; ed.: H.U. Jer., Fcty of Agric., Rehovot; m. Eva Strauss, 1958; s.: Doron, Ofer; mbr: Teaching C'tee of Agric. Biology, Volcani I.; Phytopathological Scty of Israel; Fed. of Eng., Isr.; p. Plant Path., Dpt. of Plant Protection, Min of Agric.; publ. in the field of basic & applied plant path.; disease resistance in vegetable crops, mode of action of systemic fungicides.

170 Modiin St., Givataim; Tel. 729338.

NETZER, Effi (Efraim); composer; b. in Haifa, 27.6.34; stud., Music I. at Oranim; m.: Ilana Gruenberger; 1 s., Ron; 1 d., Shiri; composed mainly f. folk dances, founded (61) "The Song Group" ,at Beth Rothschild; 18 records issued to present; promoter of group singing, throughout the Country; permanent contrib. to Kol Israel Festivals, telev. & radio programes, conducts several hits; "Hermon Kingdom", awarded 1st Prize, 68; 1st place at Festival Hazemer, 68; most popular songs: Zer Narkissim, Shovach Yonim, Shuv Lo Nelech Rachel, Kor'im Lanu Lalechet, Hora Ne'urim, Bo'yi Tama, Perahim Bakane, Sayereth Egoz; Lama, Lama.

9, Rahel St., Haifa.

NETZER (Nussovitzki), Moshe; Agric.; Aluf Mishne (res.); Dir., Youth & Nahal Dpt., Min. of Def., 68-71; Mbr, Kibb. Ramat Yohanan; Mbr, Secr. Rafi Pty; b. 16.1.1922 in Russia; to Israel, 1925; ed.: Elem. Sch. (Workers Child. Sch.) & later Ghivat Hashelosha & Kadoorie HS, (37-40); Mbr, Hagana (37-), Palmach, through all comm. ranks, finally Comm. Palmach, Gedud 2, Negev & Comm. Off. of the Negev in '48

war; Dep.-Commander, Chief Comm. Nahal (50-54); Mbr, Histadrut Exec. C'tee (58-) & Gnl Secr. of Ihud Hakibbutzim (53-62); mbr, Secr. Labor Pty.
Kvutzat Ramat Yohanan. Tel. 04-721094.

NEUDORFER, Moshe; cert. pub. accountant; Dir. of State Revenue, 69-; b. Poland, 22.9.1924; to Israel, 1935; ed.: Hascala HS, Tel-Aviv; studies f. C.P.A. Degree; Course in Taxation, U. of Harvard, USA; m. 1949; s.: Rami, Yaron; d. Shoshana; mbr: Port Authority & Brds of Dirs of various govtl. corporations; District Dir., Income Tax Tel-Aviv, 54-58, 60-68; Assist. Commissioner, Income Tax, 58-60; publ. articles on econ. & taxation subjects in spec. periodicals.
55, David Hamelech Ave., Tel-Aviv; Tel. 227474.

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& irrig. spec., Natl U. of Agric., Mexico & cnslt to Min. of Agric. & Livestock (as an FAO - UN expert), 66-68; publ. on irrig., hydrology, water resources eng., farm mech., etc.; coord. edit., Isr. Journal of Technol.

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NISSIM, Itzhak; Pres., Supreme Rabbin. Court; p. Chief Rabbi of Israel; Pres., Rabbinical Seminary, Jerusalem; b. Baghdad, 1896; m. 3 s.; to Israel, 1925; collector of rabbinical works and owner of rare manuscripts; elected Chief Rabbi of Israel and "Rishon Le Zion", 21.2.1955; officially installed, March 29, 1955; transferred the Court to the vicinity of the Western Wall, near the ancient Seat of the Sanhedrin; author of "Yen Hatov"; "Canoga Zidka".

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Med., Chicago, 69-70; past & present res., mainly in endocr., metabol. & nutrition; publ.: articles on inter-relationships between metab. substrates & hormones in pregnancy, the neonatal period, starvation ketosis in childhood, acute uremia & hypernatremia; in-vivo & in-vitro studies on carbohydrate & lipid metabol. in experimental models of intrauterine & postnatal malnutrition.
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NULMAN, Seymour; Rabbi; educator; b. 6.6.1921, Newark, NJ; ed.: Yeshiva U., 38-42; Rabbin. Smnry of Am., ordained Rabbi, 43; Columbia U., M.A., 43; m.: Miriam Weinberg; ch.: Shifra Zwick, Batsheva Schreiber; Rabbi, E. Side Torah Cen., 43-; dean, Yeshiva Konvitz; Talmud Torah, Jacob David, 45-; chaplain: J. Teamsters; Goodwill; Natl Slutzker Landsmanschaft Orgs; found.-chmn. Natl C'tee f. Yesivah Torah Ore, Rab. Smnry & Talmud Res. Cen., Jer.; chmn, Natl Confer. of Day Sch. Prin.; Natl Teach. Licens. Comm., Natl Assn of Day Sch.; Jacob David Assn, 50-53; JCC of E. Side; Youth Comm., E. Side, C. of C.; Adult Educ., E. Side B.B.; Relig. Inst. Comm., NYC; pres., Yehudah Wolf I., 39-45; sup., Church-Related Schs, HEW, NY; secr.: Alumni Assn, E. Side B.B.; Communal Settle. Assn, 60-61; Natl Eng. Prin. Assn; mbr: ZOA; Metrop / Lodge, Odd Fllws; Tree & Life Scty; Sephardic Fraternal Order; Un. of Orthodox Rabbis, US & Can.; Rabbin. Alumni, Yeshiva U.; Natl Educ. Asssn; Un. of Orth. J.C. of Am.; Natl Comm. f. Natl Confer. of Syn. Youth; org. & ext. comm., Gt. NY C., Boy Scouts of Am.; J. Comm., Boy Scouts of Am.; plan. brd, Borough of Manhattan; Assn of Orth. J. Sci.; Dpt of Sch. Prin., NEA; mbr brd, Mobilization f. Youth; Lower E. Side Neighborhoods Assn; Massaryk Towers; Grand St. Boys; E. Side Chamber of Comm.; sponsor & sup., "P'eylim" — Torah Sch. Found. in Israel & Europe; auth.: Syllabus & Techn. f. Heb. Day Sch., 53; Holiday Customs & Ceremonies, 59; Torah Journal, 59; The Memorial Book, 65; articles on relig. & secular educ.; recip.: Citation, March of Dimes, 50; Cit., AHA, 53; Cert. of Merit, Boy Scouts of Am., 54; Girl Scouts of Am., 55; Charter of Hon. Aw., Un. of Orth. J.C., 58; UJA Aw., 61; Brotherhood Aw., B.B., 64; Cert. of Merit, C. of C., 65; Isr. Bonds, 66; Serv. Aw., Intl Torah Sch., 66; Outstanding Educ., Parents' Assns, 68; Outstand. Prin. Aw., Intl Peylim Org., 70-71.

268 E. Broadway, N.Y., NY; Study: 313 Heney St., New York, USA.

NUSSBAUM, Aaron; lawyer; criminologist; Assist. Distr. Attorney, Kings Co., N.Y.; b. 9.7.1910, New York; ed.: St. Johns U. Law Sch. — LL.B., 32, LL.M., 34; m.: Helen Lew; ch.: Carol Peck, Robert; Natl Dir., Amnesty League of Am.; Natl Chmn, Rehab. of Fighters f. Freedom of Israel, 52-54; Polit. Action Chmn, Brooklyn Zion. Reg., ZOA, 45-46; author: "First Offenders — A Second Chance"; awards by: Am. Acad. of Polit. & Soc. Sci.; Am. Sociologic. Scty.

2 West End Ave, Brooklyn, NY 11235, USA.

NUSSBAUM, Max Dr.; Rabbi, Ph.D.; mbr., Z.A.C., W.Z.O., 1960-; mbr., Brd. of Gvrnrs., Bonds for Israel; mbr., Brd. of Dirs., U.J.A.; mbr., Rabb. Advis. Council, U.J.A.; hon. chmn., Am. Zion Council, 67-70; hon. chmn., Am. Sctn., W.J.C., 1968-; mbr., Natl. Exec. C'tee, ZOA; p. Prs., ZOA, 62-65; recip. El. Roosevelt Humanities Awrd., 68; Brandeis Award, by ZOA, 69; b. in Suceava, Bucovina (then Austria), 4.4.1910; educ.: Rabb. Degree, 1934, Breslau Jew. Theolog. Smnry.; Ph.D.; summa cum laude, U. of Wuerzburg, 33; Dr. of Divinity, hon. causa, by H.U.C., Cincinnati, 1959; Dr. of Lit. degree, h.c., Dropsie Coll., Phila., 1961; m.: Ruth Offenstadt, 14.7.38; ch.: Mrs. Hannah Marsh; Jeremy; p. chmn. Am. Sctn., W.J.C., 64-68; chmn., Am. Zion.. C., 64-66; Pres., Brd. of Rabbis, So. Calif., 69-; mbr., Exec. Brd., Central Conference Am. Rabbis; mbr., Admin. H.U.C., Calif. School; Natl. V.P. Am. Jew. Congress; mbr., Reg. Brd., Natl. Conf. of Christians & Jews; p. Rabbi, Berlin, 36-40; p. Rabbi, Cngrgn. Beth Ahava, Muskogee, Oklahoma, 40-42 & Dir. Jw. Students Center, State U. of Oklahoma; mbr. fcty. thereof, lectr. on philosophy; app. to pulpit Temple Israel, Hol-

lywood, Sept. 1942; elected, May 70: Natl V.P., Am. Zion Fed., vice-chmn, No. Am. Sctn, WJC Exec.; Exec. Brd, AJC.
1757 No. Gardner, Los Angeles, Calif. 90046, USA.

NUSSBAUM, Michael; Mng Dir, Hassneh Insurance Co. Ltd.; mbr, Agricultural Centre; Histadrut Executive; Govt Savings Council; Chmn, Brd of Dirs, Insurance Cl.; b. 1909, Poland; to Israel, 1929; married; 1 s.; scry, Orange Packers' Org., 37; officer, IDF. during War of Liberation; founder (39) & Mng Dir, Mutual Insurance Fund for Agricultural & Unskilled Workers, till 1964; active in several organizational and economic institutions of the Histadrut; Chmn: Israeli Insurance Assn; TEUS Concern, Develop. Areas Indus. Ltd.; Am-Oved Publ. House; Veteran Soldiers' Org.
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OCHEROFF, Hayim; Econ.; Agr.; Gen. Mng. & member, brd of dirs, PAZ Ltd.; Chmn, brd of dirs, PAZGAZ Ltd., & Basic Oils, Ltd., Haifa; b. 31.12.1899, in Petach Tikva; m.; 2 ds.: Sara, Carmella; with SHELL, Ltd. (27-58), PAZ (58-65).
7, Heine Square Har Hacarmel, Haifa. Tel. 81812.

OFEK, Uriel; Ph.D., M.A.; author; scholar; lectr; co-editor, "Davar L'yeladim"; b. Tel-Aviv, June 30, 1926; m. Bina Dellman; 2 d.; educ.: Hebrew U.; U. of Toronto (research studies); mbr, Council of Hebrew Authors' Org.; books, Intl Federation of Journalists; author of: children's plays and poems; Encyclopaedia of Children's Literature; scripts for movies & television; essays and articles in Israeli and American periodicals; translator of many books; lectr on children's literature in teachers' colleges; awarded Lamdan Prize.
18 Ha'Eshel St., Nof Yam; tel. 932419.

OFFEN, Yehuda; writer; editor, "Al Hamishmar", 61-; b. Altona, 4.4.1922; to Israel, 1939; ed.: HS; m. 1946; 1 d.; mbr: Heb. Writers' Assn, World Poetry Scty, Assn of Journalists, Acum; publ.: poetry (Eked, T.A.) — "L'lo L'an", 60; "Har Vakhol", 63: "Lo Agadat Khoref", 69; transl. Erich Kaestner's "Lyrische Hausapotheke": "Shirim Lir'fua", 65; poems & short stories in most Isr. newspapers & lit. publications; English poems in "Poet" & "Ocarina", Madras; recorded many of his songs; award: Acum Prize of Lit., 60 (f. "L'lo L'an'").
8, Gazit St., Tel-Aviv; Tel. 776656.

OFER, Abraham; M.K.; Gen. Mng., Shikun Ovdim Ltd., Dep. Mayor, T.-A. 65-69; b. 1922, in Poland; ed.: High School & College; to Israel, 1933; m.: Shoshana; ch.: Dan, Yaacov, Nadav; co-founder, Kibbutz Hamadia (41); with the Israeli Navy, Lt. Col. (48); founder & Dir. Gen. Moetzet Halul (-60) & Ass't Dir., Min. of Agriculture (60-); instrumental in org. operations towards joining the Common Market & mbr of delegation to negotiate with C.M.; Gen. Manager "Ashdod Corp. Ltd." (jointly with Mr. Oved Ben-Ami, 64-66); elected M.K. (Labour), 69-.
9, Hamishmar Haezrahy, Afeka. Tel. 411360.

OFER, Shimon; Assoc. Prof. of Experimental Physics, Hebrew U.; b. Jerusalem, 27; M.Sc.; Ph.D., 57; Research Assoc., Brookhaven Natl Lab., U.S., 57-59; Visiting Scientist. Bell Telephone Labs., U.S., 65-66; Hebrew U.: Asst, 55; Lectr, 59; Assoc. Prof., 1964-.
24 Alfassi St., Jerusalem; tel. 33729.

OFRY, Dan; journalist; author; snr news-editor & pol. comentator of "Uj Kelet" daily, Tel-Aviv, 52-; b. Budapest, 20. 11.1919; to Israel, 1949; ed.: H.U., Fcty of Soc. Sci., B.Sc., 60; m. Dr. Veronica Feiler, 1963; s.: Shai, Amy; Vice-Pres., "Bnei Herzl", Org. of Hungarian Jews in Isr.; p. news editor of Hungarian broadcasts in "Kol Israel"; p. w. "Yedioth Achronot" daily; mbr, Isr. Journalist Assn; author of books: Israel's Victorious Six Days, 67; The Hero of a Nation (Moshe Dayan), 68; Twenty Years Israel, 68; award: Herzl Prize f. Journalism, 1968.
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OHANA, Henri Raphael; found., Mng. Dir., "Ram El" Management & Investment Co. Ltd.; film producer; b. 3.7.1932, Rabat, Morocco; ed.: Grad. of Law & Econ., Paris; Grad. of Lit., Sorbonne; m.: Huguette Azoulay; 3 ch.: Audrey, Maureen, Michael; in Morocco: p. Attaché & p. Dir. Gen., Min. of Comm. & Indus.; p. Dir. Gen. & p. Assist. Dir. Gen., Min. of Finance, Econ. & Agric.; p. Assist. Dir. Gen., Min. of Natl Econ.; p. mbr of Morrocan Delegs. to: Common Market; Monetary Fund BIRDB.
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OHANA, Paul; found., Mng. Dir., "Panel" Mngmnt & Invest. Co. Ltd.; Mng. Dir., Panel's affil. comps (Oil Indus., Tourism, Irrig. Controls & Intl Trading); b. 1.7.1934, Rabat, Morocco; to Israel, 1972; ed.: Eng., École Nationale Supérieure de Télécomm., Paris; Dr., Law & Econ., Paris; post-grad. studies, U. of Pittsburg & Harvard Bus. Sch., USA; p. Secr. Gen., Natl Moroccan Org. of Jew. Communities; p. Gen. Mng., SAMIR Moroc.-Ital. Refineries; p. Mng. Dir.: Société Hôtelière SAMIR; SEBLIMA Asphalt & Luboil Co.; found. & p. Pres., Moroc. Inst. f. Mngmnt Train.; p. Vice-Pres., Industrialists Org.; p. Pres., Lion's Club; p. repr. of Morocco to CIOS; recip.: Ouissam Redda, Classe Exceptionnelle, Morocco; Off. Order of Merit of Italian Republic; Off. Order of the Throne of Iran.
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OKASHI, Avshalom; painter; b. Rishon Le Zion, 1916; m.: Shlomit Helfand; 1 d.; educ.: Agricultural School; painter of impressionist and abstract schools; exhibitions at Charpentier Gallery Paris, Guggenheim Gallery New York, Carnegie Inst., Pittsburg, as well as in Israel; works in museums & private collections throughout the world.
13 Ben Ami St., Acco.

OLENIK, Moshe; M.Sc.; econ.; Mng. Dir., Bank Hapoalim B.M., 71-; b. Israel, 1929; ed.: Herzliya Gymn, Tel-Aviv; H.U. Jer. (M.Sc.); U. of London; m. Michal Lamdan, 50; d.: Yael, Shlomit; s. Uri; p. mgn. of econ. companies & econ. affairs of Hakibbutz Hameuchad; mbr: Advis. Cl., Bank Israel; Merkaz Mifleget Ha'avoda; Mazkirut Hakibbutz Hameuchad.
Kibbutz Revivim, Doar Na — Ramat Negev.

OLITSKY, Josef; b. Neveh Zedek, Tel-Aviv, 30.12.1919; ed.: Talmud Torah, Yeshiva, H.U. (Gen. Hist. & Pol. Econ.); active in Ha-Noar Ha-Oved, Baharut Sotzialistit, Hagana; Mapai Headquarters (commencing as office boy, later Dir of Publications & Publisher of "Eshnab", the unlicenced organ of the Hagana), 35-45; Secr. to the late PM Levi Eshkol at the time he served as Secr. of T.A. Labour Council, 45-47; founder & editor, "Yoman Hamoatza", Histadruth daily in T.A., 47-49; corresp. of the Underground "Kol Israel" & 1st milit. corresp. of IDF, 47-49; mbr, "Davar" edit. staff, 49-54; editor, "Worker to Worker" series in Kol Israel, 50-52; editorial secr. of "Hador" (daily), 54; secr., Holon Lab. Cl., 56; edit., of the Histadruth's Waad Hapoel Publs., 57-; publ. & edit., Koroth - Monthly dealing w. the Past, Tel-Aviv, 70-; publ. books & pamphlets; "Mivtsa Yiftah Leshihrur Hagalil", "Mimeoraot Lemilhama" (chapters in the history of the Hagana in Tel-Aviv), "Hakrav Al Jaffo", "Yad Veshem Lanoflim", "Mipezura Lemdina", "Yishuvim Baesh"; "Israel Reichman-Vesher" (posthumous writings); "Malachi" (hist. of an A.F. Pilot); contrib. to: Hapoel Hatzair, Davar, Davar Hashavua, Hador, Maariv.
22, Bar Kochba St., Tel-Aviv; Tel. 221832.

OLITSKI, L.; writer; b. Trisk, Russia, 1897; to Israel, 1959; ed.: religious schs, Yeshiva; s. Shlomo; publ.: 12 books of prose (novels, stories) in Yiddish & 12 books of poetry (songs, poems, ballades, fables) in Yidd.; "The Jews in Volin" (novel in Yidd.), 73; transl. into Yiddish (from Hebrew, Russian & Polish) 6 books of prose & 7 books of poetry; 1 collection of songs in Hebrew: "Laben Betsahal"; citation: "Igud Vatikei Tel-Aviv" (f. 'Yeshive Lait" & "Dodia Napakh" - transl. into Hebrew); "Zvi Kessel Prize", Mexico (f. collection of songs "Zum Sun in Tsahal").
39, Hama'avak St., Givatayim.

OLMERT, Ehud; Member of Knesseth (Licud), 74-; p. spokesman & member of secretariat & counsel. to the parliamentary faction, Free Center Party in Isr.; b. 30.9. 1945, Tel-Aviv; ed.: H.U. Jer., B.A. (psychology, philosophy & law); m.: Aliza Richter; 2 d.: Michal, Dana.
39 Tzur Hadassah, Mobil Post Haela; tel. 02-911312.

OLSHAN, Isaac; M.A.; LL.B.; Judge; p. President, Supreme Court, Jerusalem (retired 1965); Hon. Pres. Israel Press Council; b. Kaunas, 1895; ed.: London, U.; to Israel, 1912; mbr., Jewish Legion, world war I; private legal practice, 27-48; m. Simi Amiel; transl. (into Eng.) Trozky's "Lessons of Oct.", etc.
8 Alfasi St., Rehavia, Jerusalem.

OMER, Hillel; Landscape Architect; b. 4.8.1926, Kibbutz Mishmar Haemek; m. Zippora; ch.: Tal, Noa, Hilla; serv. Negev Brigade, 50; ed.: Ecole National D'Horticulture, (gardening), Versailles, France, 51-53; in charge of gardens at the Hebrew U. campus, 54-56; head, Gardening Dpt., City of Jerusalem, 56-60; garden archit., "Amidar" Ltd., 60-62; indep. private practice ever since; in charge of planning the Biblical Park "Neot Kedumim", etc.; publ. ten collections of poems & songs.
87 Ha'Universita St., T.A.; tel. 415372.

ONN (Isserson), Zeev; mbr., Exec. C'tee, Histadrut; p. secret., Hevrat Ha-Ovdim; co-founder, "Tnuva"; p. chmn., now mbr. Brd.

of Dirs., "Hamashbir"; upon return to his Kibbutz home, elected Pres. Brd. of Dirs., "G'mul", Histadrut Investment Co. of Pension Funds; mbr., Brd. Dirs., Bank Leumi le-Israel B.M.; mbr., Advisory Council, Bank of Israel; mbr., Central C'tee, Ihud Hakvutzot ve'Hakibutzim; Central C'tee, Labour Pty.; mbr. & co-founder, Kibbutz Tel Yoseph; b. Galicia, March 1900; to Israel, as pioneer, 1920; m. Yonah Bodinger; 2 d., 6 grand-children, all in kibbutz; numerous articles to local press.

Tel Yoseph.

OPHER, Philip; cnslt econ.; Exec. Dir. & Exec. Vice-Pres., Am-Isr. Chamber of Comm. & Indus. Inc.; Hon. Secr., Assn of Secretaries of Bi-Natl Chmbrs of Comm. in US; b. 30.9.1930, Rumania; to Israel, 1960; ed.: Inst. of Econ. Sci. & Plann., Bucharest, M.A. (Indus. Econ.), 57; New York U. - M.A. (Econ.), 70; Ph.D. (Econ.), 73; m.: Eugenie Amadu (M.A. Philos., Bucharest U. & M.A. Engl., Columbia U.); d.: Elana; Snr Examiner, State Comptrol. of Isr., 62-63; Econ. Rep., "Haaretz" Daily, 62-67; Econ. Advis., Invest. & Export Auth. of Isr. in USA, 67-71; mbr, Am. Econ. Assn; publ.: econ. res. studies (in "Haaretz"), 62-67; Policies related to foreign direct investments - a comparison between developed & developing countries (Ph.D. Dissertation), 73.

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OPPENHEIM, Uri; physicist; Assoc. Prof., res. & teach., Technion Haifa, 59-; b. 25.9.1926, Tel-Aviv; ed.: H.U. Jer. - M. Sc. ,51; Ph.D. (Phys.), 55; m.: Els Levenbach; 3 ch.; res., Weizmann Inst. of Sci., 51-59; worked on U.S.A.F. on infrared spectroscopy, 62-70; publ. 30 papers in the field of optics, spectroscopy & Lasers.

74 Horev St., Haifa; tel. 244811.

OPPENHEIMER, Alice; editor, The voice of Leo Baeck Lodge & chptr B'nai B'rith; pres.: Sisterhood Congr. Ahavath Torah Vetikva Chadasha; Channah chptr Mizrachi Women of Am.; b. 17.5.1910; m.: Max Oppenheimer (dec.); s.: Werner; d.: Edith Ullmann; ed.: Coll. Grad., Mannheim, Germany; p. pres. & couns. Leo Baeck Chapter B'nai B'rith; mbr exec. board: Gemiluth Chesed of Gt. N.Y. & Palisades Garden Resid. Home f. Senior Citiz.; chmn c'tee, Fed. of Isr. Philanthropies; p. publ. & edit. "The Jewish Way"; publ.: Cook Book, 1942; Impressions of a trip to Israel & Europe; Jewish Women in America; recip.: hon. diploma Congr. Ahavath Torah; Freedom Medal of Israel; hon. dipl. Isr. Bond Drive; hon. Awards B'nai B'rith.

740 West 187 St., New York, N.Y. 10033, USA.

ORDMAN, Arnold; Adminisstrative Law Judge; UJA, hon. vice-chmn, USA govt. div.; speakers bureau exec. board, intl scty f. law & soc. justice; b. 16.2.1912, New Hampshire; ed.: publ. sch., 18-29; Boston U., 29-33, A.B.; Harvard Law Sch., 33-36, LL.B.; m.: Evelyn R. Sisson; 2 s.: Edward T., Alfred B.; Chief Legal Counsel, chmn natl labor relations brd, 61-63 (gen. counsel, 63-71); lawyer, private practice, 37-42; w. USA Nawy, 42-45; commissioned officer; p. active: Common Cause, A.J.C.; titles: Phi Beta Kappa; Am. Assn f. advancement of sci.; articles in books, journals & other publications.

4701, Willard Ave. Chevy Chase, Maryland 20015, USA.

ORDMAN, Jeannette; dancer; Artistic Dir., Bat-Dor Dance Comp. & Dir., Bat-Dor Studies of Dance; b. in Germiston, S.A.; to Israel, 1965; ed.: Matricul. Cert., Johannesburg; at 10 years, passed R.A.D. Exam. f. tchrs; at 14 years, soloist of Johannesburg Festival Ballet; in England, 52-53, 57-65, danced w. Sadler's Opera Ballet; **also perform. on TV; own studio f.** classic. ballet in Isr., 65; introduced the R.A.D. method f. child.; Rehearsal Dir., Batsheva Dance, Co., 66-; found., Bat-Dor Studios of Dance, 67; created dozens choreographies f. child. in S.A. & perform. by Batsheva and Bat-Dor; recip. the highest praise in many countries.

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OREN, Isaac; M.F.O.A, Dir. Gen. Mifal Hapayis, 71-; p. City Treas., T.-A.-Jaffa, Municip. represen., Brd. of Dir. of several Com. connected with the Municip.; chmn., Union of Local Councils Treasurers in I.; mbr., Municip. Finance Officers Assn., U.S.A. & Canada; b. 2,2.12, Poland; educ.: Grenoble U. (E.E.), 31-33; m. Sara Kalmanovitz; ch.: Dan, Tanhum; to Israel, 34; was abroad on official missions on behalf of the Municip.; a study tour (4 months), U.S.A.

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OREN, Otto Haim; oceanographer; dir., Chem. Oceanography Lab., Isr. Oceanographic & Limnolog. Res. Ltd.; p. dir., Sea Fisheries Research St.; b. in Yugoslavia, 7.1.1921; to Israel, 41; m. Ruth Rossof; Hebrew U. (Chem.), 41-46; Sea Fisheries Res, Haifa, chief chem., 47,, act. dir., 47-57, chief oceanographer, 48-; co-edit. of its Bulletin, 51-; head, cruises Red Sea, 57-58; guest-lectr., Hebrew U., 58-; Technion, 60-; mbr., Natl. C'tee on Oceanogr., mbr. C'tee on Atom. Rad. Hazards, 59; FAO fllw., Japan, Gmny., Denmark, Yugosl., 60; research grant. Isr. Atom Engy., 60-61; & Intl. Atom. E. Agcy., 62-65; & US State Dpt.. 63; & Interior Dpt., FWS, 63-68; edit. brd. "Rev. Intl. d'Oceanographie Medicale", 65; Pres., Chem. Oceanography C'tee, 68; V.P., CIESM, 68; Isr. Deleg. to Indian Ocean Fish. Comm., 68; Co-Ordinator, Mugilidae Project, 68; Consultant, FAO, Ghana, 68; Project Mng., UNDP/SF/FAO Reg. Fisheries Survey in W. Africa, 70-72; 21 publications in Hebrew & 37 in English on these

topics; activ. in Isr. Society for Geodesy & Geophysics.
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OREN, Raphael; M.Sc. (Agric.); plant protection specialist; Dir., Chemicals Dept., Edefi, S.A., Madrid, representing: Makhteshim Chemical Works, Ltd.; Dead Sea Bromine Co., Ltd.; Bromine Compounds Ltd.; p. Mgr. Agric. Dpt., Pazchem; b. Germany, March 4, 1923; m. Tamar Halevi; 1 d.; 1 s.: educ.: Agric. School, Yagur; Hebrew U. (Faculty of Agriculture); author of "Residual Effects of Herbicides in Soils"; papers on agricultural topics.
17 Derech Ha-Ganim, Kfar Shmaryahu.

OREN (Nadel), Yitzhak; writer, editor; b. in Siberia, 1918; educ.: Charbin, Manchuria & Hebrew U. Jerus.; m.: Isabela; ch. 1 d., Timna; p. mbr. Betar, 33-, & I.Z.L., 37-40; 1st short story, in Haaretz, 46; perm. contributor to literary publ., e.g. Molad, Keshet, Ha-Umma, Moznayim & to litt. suplmnts., daily press; translator, Russian classics; publ.: "Somewhere", 50; "Behind The Lines", novel, 53; "The Adventures of Benjamin the Fifth", 58; "Fathers & Sour Grapes", 64; "Portrait of A Generation As A Dog", 68; "The Buyers of Heaven & Earth", 70; dpt. edit., State Comptroller's Publications.
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ORGAD, Benzion; composer; M. of Fine Arts; b. 1926, in Germany; to Israel, 1933; educ.: Israel Music Acad., Jerusalem, 48; Brandeis U., USA, 61; m.; ch.: Ron, Eyal; studied violin with Kinori, Bergman; composition. with Paul Ben-Haim, Joseph Tal; in USA, with Aaron Copland, Irving Fine; at present, supervisor of Music Educ., Ministry of Educ. & Culture; works performed in Israel & abroad, i.e.: two cantatas to biblical texts: "The Spies Tale" (UNESCO Kousevitzky Prize for composition, 52); "The Vision of Isaiah" Conquest of the Desert Prize, Jerus., 57; Building a King's Stage, for symphony orchestra, IPO Prize, 57; Choreographic Notes for Orchestra; Ballad for Violin; Taksim, for harp solo; Leave out My Name, for soprano and flute; Seven Variations On 'C', for piano; Monologue for viola; "Hatsvi Israel" — symphony in two parts, for baritone-solo and orchestra; "Out of The Dust", for mezzo-soprano, flute, bassoon. viola & violoncello; Music for Horn and Orchestra (Acum Prize, 60); Two Motets; Music for Orchestra (Segalyn Prize, Tanglewood. USA, 61); Septet for clarinet, bn, horn, vin, via, vcl. and D.B. (Engel Prize, 61/62); "Death Came to Wooden Horse Michael" — ballad for 2 voices & 9 instruments; text: N. Zach; Songs Of An Early Morning, for Mezzo-Soprano, baritone & chamber orchestra· text: A. Gilboa; included in the programme of the Israel Chamber Orchestra'- tour, U.S.A.; Mizmorim (psalms) f. soloists (SSATB) & chamber orchestra; text: Psalms and traditional texts; Kaleidoscope, f. Symphony Orchestra (ACUM prize, 68), etc.
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ORGLER, Yair E.; Assoc. Prof., Recanati Graduate School of Business Admin., Tel-Aviv U., 72-; b. Tel-Aviv, 10.10.1939; ed.: Technion, B.Sc., 63; U. of S. Calif., M.S., 65; Carnegie-Mellon U., Ph.D., 67; m. Rivka Wodislavsky, 1961; 2 d.; Program Vice-Chmn, Isr. Inst. of Mngmnt Sci.; Res. Dir., Isr. I. of Bus. Res.; mbr, Financial Mngmnt C'tee, Isr. Mngmnt Center; p. Fin. Economist, FDIC, Washington, D.C.; mbr: Am. Fin. Assn; Western Fin. Assn; Inst. of Mngmnt Sci.; books: Cash Management: Methods and Models; Analytical Methods in Bank Examination; Branch Banking in Israel: Its Development and Criteria for Future Growth; Establishment of Industrial Towns along the Green Belt; articles on bus. adm., etc.
11, Hagat St., Ramat Gan.

ORLAND, Yaacov; M.A.; author; translator; b. Russia, July 14. 1914; m. Bat-El Axelrod: 1 d.; 1 s.; educ.: Hebrew U.; Royal Academy of Dramatic Art, London; to Israel, 1921; to S. Africa on behalf of J.N.F., 1951; author of several plays: "Ha'ir Hazot"; "Hapundak"; "Yesha'ayahu"; "Israel, My People"; "Otsar Shel Sandlar"; poetry books: "Ilan Baruach", "Gan Hastav", "Shirim me-Eretz Uz"; "Beit Ha-Tsa'atsu'im"; "The Songs of Yesterday"; Israeli folk-songs; translated into Hebrew: plays, poems and other works by O. Wilde, G.B. Shaw, Lord Byron, etc.
79 Moriah St., Haifa.

ORMIAN, Haim; Ph.D.; Editor, 'The Educational Encyclopedia"; b. Tarnow, Dec. 8, 1901; m. Ruth Jarblum; d. Dalit; s. Aminadav; educ.: Vienna U.; Hebrew Teachers' Training College, Vienna; Lecturer in Psychology, Lodz U., 1929-36; to Israel, 1936; teacher, Hebrew U., Teachers' Training College & School Social Work, -1950; director, Teachers' Training Dpt., Ministry of Education and Culture, 56-59, 65-66; mbr: Isr. Psych. Assn, Heb. Teach. Assn, Am. Psychologists' Assn & Intl. Assn. of Applied Psychology; author, editor of books, articles on psychology & education; mbr, C'tee, Acad. f. Heb. Language, World Exec. of the World League f. Heb. Language & Culture; Isr. Prize f. Educ., 1971.
16 Metudela St., Jerusalem.

ORNAN, Uzzi; B.A.; M.A.; Ph.D.; Assoc. Professor; Chmn (71-73), Department of Hebrew Linguistics, Hebrew U. Jer.; Chairman, League for the Abolishment of Religious Coercion, 64-68; b. Jerusalem, 1923; m. Shoshanna Malkin; 1 s.; 2 d.; educ.: Hebrew U. & London U., etc.; p. mbr, Canaanite group; publ.: Diqduq Ha-peh We-ha'ozen, 53; Shabat Without Chains, 51; Civil Marriage, 55; Are you a Jew?, 61; Modern Hebrew Syntax, 69; also poetry & articles on literature, linguistics, etc.
Motza Illit.

ORON (Stern), Arie; C.E., dipl. eng.; p. Gen. Mng. Amidar, Isr. Natl Housing Co., 63-70; b. Ukraine, 22.2.16; m. Ivria Bronstein; 1 s.; 1 d.; educ.: Tech., Haifa; H.U.;

representative of Jewish Agency in Italy, 1945-; first Repr. of Israel in Italy, 1948-; Manager, Kupat Holim, 1951-60; Assist. to Min. for Foreign Affairs, 1960; Israel Ambassador in Venezuela and Trinidad, -1963.
5 Mozir St., Tel-Aviv.

ORSHAN, Gideon; botanist; Assoc. Prof., Dpt. of Botany, H.U., 67-: b. Tel-Aviv, 25. 2.1912; ed.: elem. & scnd. sch., T.A. & Jer.; H.U. Jer. — M.Sc., 36; Ph.D. (Botany), 52; m. Tamira Volcani, 1950; d. Laor; s. Goni; teacher of Biology, several scnd. sch., 37-47; assist., Dpt. of Botany, H.U., 51-54; res.-fllw, Dpt. of Agric., Oxford U., 54-55; H.U., Dpt. of Botany — instr., 55-63; lctr, 63-67; publ. some 30 res. works on botany; award: "Bialyk Prize" f. research, by the H.U. Jerus., 1935.
8, Rashba St., Jerusalem; Tel. 31622.

OSHRI, Haim; Councilman, Bat Yam and member of Direction, Bat Yam Municip.; Head, Training & Qualification Dpt., Histadruth Exec., 66-; b. Yemen; to Israel, 1948; ed.: Teachers' Smnry; Inst. of Educ. & Res., 55-58; smnry f. Histadruth workers, 50; m. Zehava, 1945; ch.: Shilo, Asher, Ron, Chagai; tch.: Aden, 46-47; Nathanya, 49; organized settlement groups, 50; secr. Histadruth, Cfar-Shalem, 51-53; secr. Mapai, Bat-Yam, 53-55; mbr: Exec. & Head Organization Dpt., Histadruth; C.C., Haavodah Pty.; Cl. & Secr., Haavodah Pty — Bat-Yam; chmn, Hakeren Le'idud Haaskala, etc.
2, Golomb St., Bat-Yam; Tel. 862891.

OSTASHINSKY, Eliakum; Dr. Agric.; Managing Director, Societe Vigneronne des Grandes Caves Rishon-le-Zion et Zichron Jacob Ltd., 50-; Mng. Agric. Dpt., Citrus Marketing Brd, 50-53; Mng. Dir., Carmel Oriental Co., 53-; mbr, Farmers' Fed. Executive; b. Petah Tikva, Feb. 16, 1909; m. Shulamit Tulipman; 2 d.; educ.: Toulouse U., Portice U.; p. Mng., Hanotaiah Co., 31-40; Manager, Agricultural Dpt., Farmers' Federation, 40-46; Mayor, Rishon-le-Zion, 46-50; articles on agricultural problems and politics in Israeli and foreign press.
20 Huberman St., Tel-Aviv; Tel. 233549.

OSTER, Zvi H.; M.D.; spec. in Internal Diseases; Assist. Dean, H.U. Hadassa Med. Sch., 67-; b. Rumania, 1932; to Israel, 1948; ed.: completed scnd. sch. in Israel; Tel-Aviv U. (Biology), 53-54; H.U. Hadassa Med. Sch., 54-61; residency in Intern. Med., Dpt. of Intern. Med. B, Prof. Rachmilewitz, Hadassa Hosp., 61-67; m. Blanche Marcusohn, 1951; d. Michal; s. Adi; Dir., Student Health Services; mbr, Brd of Dirs, ISSUM; Fllw: Royal Coll. of Tropical Med.; Isr. Scty of Internal Med.; publ.: The Protein Content of Red Blood Cells (M.D. thesis); Medical Impressions from Nyassaland (Malawi), 63; Agranulocytosis and Lupus Erythemtosus Phenomenon after Procaine Amide, 66; Patterns of Change in Medical Education, 60-70; jointly with others: Relief of Puritus in Chronic Liver Diseases by Choletyramine, 65; Resuscitation of Cardiac Patients, 66; Antigenicity of Connective Tissue; Evolution of Selective Methods f. Admission to Medical School, 70.
26. Rabinovitz St., Jerusalem; Tel. 528779.

OSTROWSKY, Avi; musician; Music. **Dir. & permanent conductor,** Haifa Symphony Orch., 69-; b. Petach Tikva, 10.8. 1939; ed.: Music Teachers' Inst., Tel-Aviv; Rubin Music Acad.; Akademie fuer Music & Darstellendekunst, Wien; mbr, kibbutz Lahav, 58-; p. permanent conductor, Kol Israel choir; musical appointments: Scandinavia, 68-69; Wien, 68-72; Holland, 70-72; England, 71-72; America, 72; with Isr. Philharmonic, Kol Israel Symphony Orch., Isr. Chamber Ensemble, a.o.; recip.: 1st Prize, intl competition "Nicolai Malko", Copenhagen; 5 years scholarship by Am.-Israel Cult. Fndn; scholarship by Stadt Akademie fuer Music und Darstellende Kunst.
3, Rachel St., Haifa; Tel. 04-245784. Kibbutz Lahav, Doar Na, Hanegev.

OUHANNA, Alberto Elia; bank manager; Mng., Barclays Bank, T.A., Main Branch; b. 25.11.15; Valletta (Malta); s. of Haifa Chief Rabbi, Nissim Benyamin; m. Nizhia Cohen; to Israel, 1933; ch.: Yuval, Oded; educ.: traditional (in Port Said) & "Lycee Francais", then commercial High School; mbr., B'nei Brith "Jerushalayim", "Shimon Rockach", mbr. of the Masonic order & other civil Org.; p. Dir. "Banim Legvulam", for Seph. Jewry colonization; co-founder, Hitachdut Oley Mitzraim; with Barclays (1935-) in various stages of development.
23, Rembrandt St., T.-A., Tel. 222966.

OZ, Amos; author; b. Jerusalem, 1939; ed.: H.U. Jer., B.A.; Oxford U., M.A.; m. Nily Zuckerman, 1960; d.: Fania, Galia; mbr, Kibbutz Hulda, 57- (teacher, scnd, sch. of kibbutz); mbr: Hebrew Writers Assn; I.T.I.; Intl P.E.N. Assn; visit.-fllw, St. Cross Coll., Oxford, 69-70; publ.: "Where the Jackals Howl" (short stories), 65; "Somewhere Else" (novel). 66; "My Michael" (novel). 68; "Unto Death" (coll. of stories), 71; articles, essays, in Israeli & world newspapers, magazines & periodicals; novels, short stories & articles transl. in several countries into English, French, German, Spanish, Italian, etc.; recip.: Holon Prize f. Literature, 1966; Am.-Israel Cultural Fndn fellowship (creative writer).
Kibbutz Hulda, Doar Na Nachal Ayalon.

P

PA'IL, Meir; M.K., 1st condid., "Moked" (Tchelet-Adom - Maki) to the 8th Knesseth; Colonel (Res.); lctr (History), H.U. Jer., Technion & Seminar Hakibutzim; b. 19.6.1926, Jerusalem; grad. var. milit. courses during his serv. in Palmach & Zahal; Tel-Aviv U. - M.A., B.A., Ph.D. (in prep.); m.: Hassida; 2 s.; 2 d.; var. assignments in Zahal: Brig. Command.; Command. in Chief, Central Sch. of Off.; Chief of Tactic. & Operat. Doctrine Dpt. in the Gen. Staff; co-found., Isr. Peace Res. Scty, 73; publ.: "Dynamics of Power"; orticles on history of Haganah, strategy, Isr.-Arab relat., etc.; recip., H. Rubin Prize (f. a hist. sci. res on The Slaves' Revolt in Haiti, 1789-1804).
14 Oppenheimer St., Ramat-Aviv, Tel-Aviv; tel. 69691.

PALGI, Yoel (Nuszbacher Emil); Dir., Health Services, Kupat Holim, Israel Fed. of Labour; Ambassador to Tanganyika, -68; Dir., Civil Aviation, Min. of Transports; b. Cluj, Feb. 17, 1918; m. Phyllis Rabkin; 1 d.; youth leader in Transylvania ("Habonim"); to Israel, 1939; parachuted in Yugoslavia, Hungary, 44; on Haganah mission to South Africa, 47; Major, I.D.F.; Dep. Dir. & Operations Executive, El Al Israel Airlines Ltd., 1949-60; author of "The Great Storm Arose" (2 Hebrew editions, also Hungarian, Italian translations & serialized in Yiddish).
19 Smuts Ave., Tel-Aviv.

PANAY, Isaac; Mng. Dir., Histour Ltd., 63-; b. Vilna, 20.3.1920; to Israel, 1938; ed.: H.U. Jer. (hist., lit., phyl.); m. 1944; d. Judith; s. Aharon; mbr: C.C. Labour Pty, Exec. of Histadruth, Exec. of I.F. P.T.O. (Intl Fed. of Popular Travel Orgs.); Olympic C'tee, Hapoel; Secr. Gen., Hapoel, 55-62; Chmn, Olympic C'tee, 60-63; Chmn, Football Fed., 64-65.
12, Harari St., Tel-Aviv.

PANNER, Itzhak; writer; b. Dobromil, Poland, 1890; to Israel, 1949; ed.: High Sch.; widower; s. Ezra; Dir., "Beit Halutzim" Bat-Yam, 49-53; Secr., Isr. Yiddish Writers' Assn, T.A. branch, 50-60; Lit. Secr. to Shalom Ash, 56-57; publ.: (jointly with Eliezer Fraenkel, in Yassy-Rumania) 2 anthologies of Yiddish poetry — in Latin transcript, 46; in Yiddish, 47; 3 books in Israel: Shalom Ash in sein letzter Heim, 58; Sun in Shutn, 64; In eigenem Hafn, 70; Miniaturot, a Hebrew Transl. of Israeli short stories; recip.: Diamandstein Award, Los Angeles, (f. "Shalom Ash").
16 Herut St., Ramat-Gan; tel. 793381.

PAPPENHEIM, Albert; Rabbi, B'nai Israel Beth David Cngrn, Ontario; Pres., Toronto Brd of Rabbis; Chmn, Un. Syn. Educ. Com., Ontario Reg.; b. 1921, Frankfurt A/M; ed.: Yeshiva Torath Chaim, Toronto; Toronto U., B.A., M.A.; m.: Rhoda Kabatznik; d.: Irma; p. pres., Rabbin. Assbly, Ontario Reg.; articles in various publ.
145 McAlister Rd., Downsview, Ontario, Canada.

PARAG, Yair; biologist; head, genetics teaching div., H.U. Jer., 71-; snr lctr, lab. genetics, H.U., 68-; b. 17.8.1929, Tel-Aviv; ed.: H.U. Jer. — M.Sc. (biol.), 57; Harvard U., Ph.D., 60; m.: Gisia Kohen; 2 d.; w. Palmach & Zahal, 47-48; mbr, Kibutz Tzor'ah, 49-51; assist. dpt. botany, H.U., 55-58;

res. assist. Harvard U., 58-60; postdoct. res. fllw, biology, Calif. Inst. of Techn., 60-62; lctr, botany & genetics, H.U., 62-68; edit. brd, Isr. Journ. of Botany, 63-65; mbr.: Am. Mycological Scty; Botan. Scty of Am.; Am. Assn f. Advancement Sci.; Genet. Scty of Isr.; publ. over 20 papers in Israeli & frgn journals; res. & teaching: fungal genetics, mainly genetic control of sexuality & incompatibility.

2 Nicaragua St., Kiriat Menakhem, Jer.

PARDO, Tova; actress; b. Bulgaria, 1926; m.; 1 s.; educ.: Dance Studio; to Israel, 1933; on radio & with "Ohel", "Habima" & "Cameri" (roles i.a.: "Streetcar Named Desire", "Six Characters in Search of an Author", etc.); Latin American tour.

1 Mapu St., Tel-Aviv; Tel. 233109.

PARKER, Albert; attorney; hon. Natl Chairman, UJA; p. member UJA Exec. C'tee & Natl Chairman of the UJA Israel Education Fund; p. Chairman of the Exec. Committee of the UJA of Great. N.Y. (having previously served as Pres. & for four years as one of its Gen. Chairmen); p. chmn of the Plann. Committee f. most of the natl UJA Study Missions of recent years; Dir. of JDC & trustee of UJA, Inc.; he was for five years the Vice-Chairman and now a member of the Board of Overseers of A. Einstein Coll. of Med.; co-founder of ATID (Am. Trade and Ind. Development with Isr., Inc.) & Chairman of its Board of Dirs; trustee-at-large of the Fed. of Jewish Philanthrophies of New York; Dir. of Am. C'tee f. Weizmann Institute of Science and of the American Friends of the Hebrew U.; mbr of the Board of Trustees of Bar-Ilan U. & Pres. of the University of Haifa Foundation; senior partner in the law firm of Parker, Chapin and Flattau; mbr of the Board of Dirs & Exec. Committee of Interstate Department Stores, Inc., Belding Heminway Company, Inc. and Leslie Fay, Inc.; Dir. & member of the Executive Committee of First Israel Bank and Trust Company of New York, an affiliate of Bank Leumi Le-Israel B.M.; recip.: Hon. Degree of Doctor of Laws from Yeshiva U., 64; Distinguished Service Award of A. Einstein Coll. of Med., 62; Hon. Fellow of Bar-Ilan U., 65; Fellow of Brandeis U., 67.

New York, USA.

PARNES, Raymond; Assoc. Prof., Tel-Aviv U., Sch. of Eng.; b. 8.12.1933; to Israel, 1972; ed.: Columbia U., Sch. of Eng. - B.S., 55; M.S., 57; Ph.D., 62; m.: Souad Suleiman; s.: David; instruc., Dpt. of Civ. Eng. & Eng. Mech., Columbia U., 55-59; p. snr res. eng., P. Weidlinger Cnslt Engs, NY; p. Assist. & Assoc. Prof., Sch. of Eng., City Coll./CUNY; mbr: Am. Scty Civ. Eng., Am. Scty Mech. Eng., Sigma Xi, Chi Epsilon; publ. in prof. Techn. & Eng. journals.

School of Engineering, Tel-Aviv U.

PARZEN, Herbert; Rabbi; D.D. hon. c.; J.Th.S.; lctr, Jew. Hist. & Lit.; b. 23.12.1896, Poland; ed.: U. of Mich. (A.B.), Columbia U. (M.A.), J.Th.S. (M.H.L., Rabbi); m.: Sylvia Goldsmith; res. assoc., Theodor Herzl Fndn & lctr. in Jew. Hist., Herzl Inst.; p. Programm Dir., the Un. Syn. of Am.; p. Exec. Dir., Reconstructionist Fndn; p. Asst. Dir., Publ. Rel. JA; mbr: ZOA; Rabbin. Assbly of Am.; p. edit.: Un. Syn. Review & Rabbin. Assbly Bulletin; p. Assoc. Edit., "Conservative Judaism", "The Reconstructionist"; publ. books & articles on U.S. Judaism & Zionism, papers in Jew. History & Lit.; to Israel 6 times.

205 Pinehurst Ave, New York, N.Y. 10033, USA.

PASCAR, Jose Valentin; Dir. Under-Secretary, Argentine-Israeli Chamber of Commerce; stockbroker, Buenos Aires Stock Exchange; Dir., Jose V. Pascar & Ass. Financial Consultants; ed.: Chartered Accountant, Licenciado en Economia, Dr. in Econ. Sci.; divorced; mbr: Scty of Intl Devel., Wash. D.C.; Buenos Aires Stock Exchange; charter mbr, Lions Club (Catedral, Buenos Aires).

Sarmiento 299, 6 Piso, Oficina 655, Buenos-Aires, Argentina.

PASCO, Michael; M.D.; opthalmic surgeon; b. in Bucharest, 3.3.22; ed.: U. of Bucharest; m.: Rita Reich; p. Assist. Prof. of Ophtalmology, U. of Bucharest, 55-63; to Israel, 1963; perm. Israeli corresp. of the Am. Journal of Ophtalmology. Chicago, USA; & of Archives d'Ophtalmology, Paris, France; mbr. of Israeli Scty. of Ophtalmology & of Societe Francaise d'Ophtalm., Paris; publ. on: 1) Traumatic or Chronic Glaucoma; 2) La Chirurgie du Pterygion; 3) Sur le Diagnostique du Glaucome (at XX Intl. Congress of Opht., Muenchen, 1966).

37 Shlomo Hamelech St., Tel-Aviv; tel. 244717.

PAT, Gideon; econ.; M.K.; p. adviser to Min. I. Saphir & dir. of his cabinet; b. in Jer.; studied, N.Y. U., USA; m.: Ann Pickel; 3 s.: Daniel, Doron, Ephraim; p. Secretary, Ministry of Transportation, 52-55; mng., Youth Department, ZOA, USA, 56-58; chmn. "Massada", ZOA, 58-62; mbr exec. c'tee of ZOA; mbr. exec. c'tee Wrld. Gen. Zionists Un., 61-67; deleg. to W.Z. Congresses 25th, 26th, 27th; mbr. exec. c'tee of the Liberal Party, 68-; M.K., Febr. 1970, upon decease of Arie Ben-Eliezer, Gahal (29.1.1970).

51, Haghederot, Savion.

PATAI, Saul; M.Sc.; Ph.D.; Prof., Organic Chem., H.U. Jerusalem, 70-; Head, Inst. of Chemistry, 71-; born in Budapest, 2.8.1918; m. Elise Schaner; 1 d.; educ.: Budapest U., & Hebrew U.; to Israel, 1938; engaged in industrial research, laboratory of Prof. Farkas, 41-42; asst., Dept. of Organic Chemistry, Hebrew U., 44-50; instructor, 50-53; lctr, 53-57; Associate Professor, 58-70; publ. "Text-Book of Organic Chemistry"; "Organic Chemistry for High Schools" (with Dr. A. Sirizli); "Tables for Identification of Organic Compounds" (English, with Prof. M. Frankel); "Glossary of Organic Chemistry"; editor, "The Chemistry

of Functional Groups", 16 vol.; contrib. to English, American, Israeli scientific journals.
28 Radak St., Jerusalem; Tel. 32798.

PATINKIN, Don; Ph.D.; Professor of Economics, Eliezer Kaplan School of Economics & Social Sciences. Hebrew U., 1957-; Dir., Maurice Falk Inst. for Economic Research in Israel; b. Chicago, Jan. 8, 1922; m. Deborah Trossman; 3 d.; 1 s.; educ.: Chicago U.; Asst. Prof. of Economics, Chicago U., 47-48; Research Assoc., Cowles Commission for Economic Research, 46-48; Assoc. Prof. of Economics, Illinois U., 48-49; Lecturer (economics), Hebrew U., 49-52; Assoc. Prof., 52-57; mbr, Isr. Acad. of Sc. & Humanities, 63; foreign honored member, American Academy of Arts & Science, 1969; author of "Money, Interest and Prices, An Integration of Monetary and Value Theory", first ed., 56; sec. ed., 65; "Monetary & Price Developments in Israel, 49-53"; "Scripta Hierosolymitana" (vol. III, 1956): "The Israel Economy: First Decade", 59; "Studies in Monetary Economics, 71"; articles on monetary Employment, price theory, in scientific journals.
5 Hovevei Zion St., Jerusalem.

PATKIN, Benzion; comp. dir.; Pres., B'rith Ivrit Olamit, Australia, 65- p. Victoria); Snr. Exec. V.P., Australian Friends of Isr. Phil. Orch., 63-; b. 1903, Russia; in Australia, 29-; ed.: Moscow U., 20-22; m.: Hemda Shani; ch.: Michael, Nehama; p. mbr: zion. orgs, Achdut Utchiya & Hechaver, Russia; exec. mbr, Moscow & Fed. Russian C'tee, Maccabi sports org.; w. "Havurat Hadarom" of Maccabi, Ness-Ziona, Isr.; co-found., Ivriah scty, Australia, 29; co-found., 36 (Hon. Secr., 38-42), State Zion. Cl. of Victoria & p. its exec. mbr; vice-pres.: Victorian Z.O., 36-37; Intl Club of Victoria, 38-49; initiated trade w. Isr. & assoc., Isr. comps, 37-; Australian corresp., „Haboker" daily, 46-49; found., Pro-Magen David Adom org., Aust., 40; Mount Scopus Coll., 47 & ist Pres., 48-52; exec. mbr, Exec. Cl. of Aust. Jewry, 45-49 & found. Chmn, its Educ. C'tee, 47-49; exec. mbr, Victorian Jew. Advis. Brd & Brd of Dep., 38-51; found. chmn of its Educ. C'tee, 43-50; exec. mbr & hon. secr., Zion. Fed., Aust. & New Zealand, 40-45; hon. secr. & hon. treas., KH & KKL, 31-47; mbr, Mng Brd, Melbourne Heb. Cngrn, 51-53; vice-pres., 51-54 & pres., 55-58, Jew. Natl Library "Kadimah"; org. & mng, knitting factories, Isr. (on behalf of Isr. Min. of Trade & Indus.), 61; exec. mbr, UN Assn of Aust., Victorian Div., 66-69; contrib. to Jew. Press; author, Heritage and Tradition.
2/313A Dandenong Rd., Windsor, Melbourne, Victoria, Australia.

PATTIR (Pahter), Dan; mbr., Edit. Brd., "Davar", 69-; Counsellor Press & Information Dpt., Washington Embassy, 64-69; b. in Israel, 1931; educ.: B.A., Hebrew U.; m. Yael Olitzki; 3 d.; mbr., edit. staff of "Davar", 54-56; in charge of Hebrew programs, BBC, London, 56-59; repres. of "Davar" in G.B., 59-61; "Davar" milit. & defence desk, 61-64; Press Off., Israel U.N. Deleg. to 20th Assembly, 1965.
91, Ha'Universita St., Ramat Aviv; Tel. 416786

PAUNCZ, Ruben; Ph.D.; Prof. of Chemistry, Technion, 62-; b. Szoreg (Hungary), Aug. 8, 20; m.: Miriam Jakobovitz; 2 s.; educ.: Szeged U.; lecturer, Szeged U., 48-56; on academic staff, Technion 1956-; Assoc. Dir., Quantum Chemistry Group, Uppsala U. (Sweden) 59; Assoc. Dir. & Lecturer, Intl Institute of Quantum Chem., Skogshem, 59, & Uppsala, 60-62; Visit. Research Prof., Quantum Theory Group, U. of Florida, 64-66; mbr, Intl Acad. of Quantum Molecul. Sci., 68-; pub.l one book & over 45 sci. papers in quantum chemistry.
48 Horeb St., Haifa; tel. 241574.

PAUZNER, Yehuda; M.D.; F.A.C.S.; F,A.C.C ; F,C.C.P.; F.I.C.S.; surgeon; Head, Dpt. of Thoracic and Cardiovascular Surgery, Tel-Hashomer Govt. Hospital; Assoc. Professor of Surgery, Tel Aviv U.; Medical School; b. Mohilev, 1910; m. Szejna Hurwitz; 1 s.; 1 d.; educ.: Liege (Belgium) U.; training in American & European university hospitals & medical centers; to Israel, 1936: pioneer work in major thoracic and cardiac surgery in Israel.
18 Dubnov St., Tel-Aviv; tel. 261054.

PAZNER (Pozner), Chaim; Economist; b. Kowal, Poland, 14.1.99; s. of Itzhak & Esther (Chaimovitz); B.A., Acad. of Soc. & Econom., Koenigsberg, 31; Dr. Rer. Pol., U. of Basle, 1939; m. Regina Erlanger, 1936; 3 sons: Avi-Ezer, Elisha Arye, Mikha Itzhak; p. Minister (econ. aff.), Israel Embassy, Sweden; Repres. of the Ministry of Finance on the Brds. of Dirs. of various gvt. companies & public institutions, s. 1964; Mbr. Exec. Brd. Yad Va-Shem Memorial Authority, and cochmn. of its Finance C'tee, s. 1966; Mbr., Permanent Budget & Finance C'tee, Jewish Agency, s. 1968; Chmn., economic & financial section, Control Institute, Israel Labour Party, s. 1964; Judge Zionist Congress Tribunal, s. Jan. 1966; mbr, C'tee f. Econ. Develop. & Tourism, Jerusalem Munic., -70; member, Political Sciences Association; leading in Zionist activities in Danzig, 1920-38; delegate to Zionist and other Congresses, s. 1921; dir. Pal. Office, Danzig, 1934-38, & Geneva 1940-46; head, office J. A. for financial affairs in Europe, Geneva, 1945-48; European repres. of Israel Ministry of Finance, Geneva, 1948-53; lecturer, School of Interpreters, U. of Geneva, 1945-53; Economic Counsellor, Israel Embassies in Argentine and Uruguay, 1957-60; Director, Revenue and Services Dept., foreign exch. div., Ministry of Finance, 1963-66; author of: "Zur Planwirtschaft der Sowjetunion" (publ. by Haupt, Bern, 1946) and of numerous articles on economic and Zionist topics.
9, Hananyah St., Jerusalem.

PEARLMAN, Moshe; B.Sc.; author; p. Dir., Israel Govt. Information Serv. & Adviser to the Prime Minister on Public Affairs, 56-60; b. London, March 22, 1911; educ.: U. of London (London School of Economics); to Israel, 1948; Features Editor, London General Press, 34; British Army (Major, Royal Artillery); Dir., Govt. Press Division, & head of Press Unit, I.D.F., 48-52 (Lt. Col.); Dir., Israel Broadcasting Service, 52-56; Ambassador, on special mission to Congo; Spec. Assist. to Minister

of Def.. June 67; publ.: "Collect. Adventure", "The Mufti of Jerusalem", "Adventure in the Sun"; "Army of Israel"; "The Capture and Trial of Adolf Eichmann"; "Historical Sites in Israel" (with Yaacov Yannai); "B.G. Looks Back"; "The Zealots of Masada ; "Jerusalem. A History of 40 Centuries" (with T. Kollek).
16 David Marcus St., Jerusalem.

PEDAHZUR, David; journalist; Dep. Editor, "Davar", 71-; b. Safed, Israel, 13. 2.1928; ed.: Heder & Yeshiva; scnd. sch., Tiberias; H.U. Jer. (Heb. lit., phylosophy); m. Ziva Arenbon, 1950; ch.: Iddo, Michal; Chmn: Tel-Aviv Journalist Assn, Editors' C'tee; mbr, Exec. Cl. of the Press Council; p. teacher; p. news editor, Israeli Radio; p. Editor-in-Chief, "Lamerhav" daily.
15, Biltmore St., Tel-Aviv; Tel. 441712.

PEERCE, Alice; Natl. Chmn., Women's Div., State of Isr. Bonds; p. chmn., Greater NY Women's Div. (Bonds); leading delegate & spokesman f. the Natl. Women's Div. at Jerusalem Leaders' Conf., 1961; identified with communal & Jewish causes throughout the world; m. famous concert tenor Jan Peerce & with him on several world tours; ch.: Lawrence, Joyce, Susan, Barbara.
New Rochelle, N.Y., USA.

PEERCE, Jan; famous concert & Metropolitan Opera tenor; chmn., Arts C., America-Israel Cultural Fundation, N.Y.; Dr. Music. (Hon.; holds three hon. degrees); b. in New York; grad. N.Y. Coll. of Music; m.: Alice Kaye (see entry); ch.: Lawrence, Joyce, Susan, Barbara; yearly concert & recital tours of Israel; famed tour of USSR in 1963 to encourage Jewry there; instrumental in worldwide diffusion of Yiddish folk songs and Israeli music; active in fund-raising drives for Israeli cause & for humanitarian organizations in the United States & Israel; discovered by Arturo Toscanini, he had 1st debut at Met. ("La Traviata"); ever since, tours the world with classical repertoire, Yiddish songs, liturgical music; frequently acts as cantor in synagogues in cities where he is performing; popular for numerous television and motion picture appearances; hailed for long list of recordings of arias, Yiddish folk music, cantorial songs, popular music, etc.; in opinion of world renowned critics, "a phenomenon"; "the greatest Bel Canto singer of our time".
c/o M. Feldman, 745 5th Ave., New York, U.S.A. 10022.

PELAH, Zvi; M.Sc., Ph.D.; Prof. of Chemistry, the University of the Negev, (67-); Acting Rector (Elect), Univ. of Negev; b. in Lomza, Poland, Aug. 1924; married; w. IDF, 48-53; ed.: 45-49, M.Sc. (with highest honours). Fcty. of Science, Hebrew U.; 52-54: Ph.D., Hebrew U.; (Thesis: "New Polycyclic Syntheses", under Prof. E.D. Bergman); 55: Post-doctoral research, Organic Chemistry, Royal I. of Techn., Stockholm (under Prof. H. Erdtman); 62-64: Research in Mass Spectrometry, Chemistry Dpt., Stanford, USA; mbr.: Chemical Scty., London; Am. Chem. Scty.; Israel Chem. Scty.; 49-53: Research officer, Scientific Research Unit, I.D.F.; 53-54 & 56-58: Head, Organic Chem. Group, Scient. Dpt., Israel I. for Biological Research (Ness Ziona), with rank of Assoc. Prof.; 65-66: Head, Chemistry Division (Dept. of Organic, Analytical & Physical Chem.) do., with rank of Professor; 1961 to present: teaching & direction of post-graduate (M.Sc. and Ph.D.) students of the Hebrew U. & of the Weizmann Institute; 1967 to present: teaching, Organic Chem., to under-graduate biology and chemical eng. students, Negev, Beer-Sheba; Mbr., Isr. Govt. Council f. Science-based Industries; Scient. Advis. to the Israel Police Force; Scient. Advis. to Research Dir., Makhteshim Chemical Works, Ltd.; Mbr., Council, Israel Chem. Scty.; Referee to the Natl. Council f. Research & Development; Chmn., Academic Staff, I. for Higher Education, Negev; Israel Security Prize, 1967.
POB 2053, Beer-Sheba.

PELAVIN, Michael A.; attorney; Chmn, UJA Young Leadership Cabinet; Mbr Brd, Reconst. J.A.; Natl Brd, Am. Assn f. Jew. Educ.; Natl Jew. Comty Relations Adv. C. Comm. on Church, State & Inter-Relig. Activities; Natl Cl., Am.-Isr. Public Affs C'tee; Plenum, Am. Confer. on Soviet Anti-Semitism; Brd of Dirs, CJFWF (vice-chmn, leadership devel. comm.); Inst. f. Jew. Life; Un. HIAS; Natl Cl., JDC; Dir., Am. Civil Liberties Un., w. Pelavin & Pelavin, professional corp; b. 5.9.1936, Flint, Michigan; ed.: Michigan U.; Wayne State U.; Detroit Coll. of Law, J.D., 60; m.: Natalie Katz, ch.: Mark J., Gordon L.; Dir., Advanced Public Ed. C'tee; V. Chmn, Coordin. C'tee, Poverty Prog., Flint; Mbr, Brd of Gvnrs, Flint Commun. Cl.; Exec. C'tee, 1st V.P., Flint Jew. Commun.; trustee, Beth El Temple; p. chmn, Small Cities Committee CJFWF; Gen. Chmn & Assoc. Chmn, UJA campaign, Flint, 69; Treas., Commun. Relations C'tee; Pres., Temple Beth El Brotherhood; V. Chmn, Michigan State Bar C'tee, Crime Prevention; w. Young Leadership Mission to Isr.; recip.: Flint Jew. Comty Cl., Young Leader. Award, 66.
6168 Siera Pass, Flint, Michigan; office: 200 Phoenix Bldg, Flint, Mich., USA.

PELED, Israel; Ph.D. (Jur.); lawyer; Mayor of Ramat Gan, 1969-; b. in Israel, Rosh Pinna, 1921 (3rd generation b. here); secondary hebrew education; law & polit. econ., Univ. of Lyon, France; called to the bar, 1950; m. Haya Rivlin (daughtes of R. Sh. Z. Rivlin); ch.: Hanna, Amir, Odeda, Hadas, Eilat; mbr. Hagannah, 36-, reso officer, IDF; mbr, exec. c'tee, Liberal Pty; mbr Isr. Bar Assn.
16, Kish St., Ramat Gan; tel. 743875.

PELED, Matityahu; Aluf (res.); born 20.7.1923, Haifa; educ.: grad. Bet Hakerem High School; serv. Hagannah, Palmach; Platoon Comm. course, 43; University of London (Law), 47; app. Comp. Comm., Jerusalem area, 47-; transf. Ghivati Brig. as Comp. Comm., 48; wounded in breakthrough to relieve Negev Settlements, app. after recovery Dep. Comm. 51 Ghivati Battalion; app. Staff Off.; to Staff Officers' course

in U.K., 52; founded, app. Chief-Instructor, Milit. Coll. IDF; transferred to Gen. Staff (Instr. Branch), -56; Comm. So Territory, after Sinai Campaign, 56; & Governor, Gaza Strip; Comm., Jerus. Area, 57; app. to snr function w. Gen. Staff, 59-61; to Hbrew U., completing studies, 61 (Near-Eastern dpt.); Ordnance Assist. to Dep.-Minister of Def., 63-64; Chief, Quartermaster-Gen.'s Branch (Q), Gen. Staff, 64-68; Aluf, March 65; m.; 4 ch.; perm. contributor to "Maariv" on polit. topics.
Ha'ela St., Upper Motza, Jerusalem; tel. 521940.

PELED (Friedel), Natan; Min. of Immigrant Absorption; mbr of the Knesseth, 65-69; b. 1913, Odessa, Russia; m. Mania Perlman; 2 d.; to Israel, 1933; mbr, Kibbutz Sarid; Secr., Hakkibutz Haartzi, 35-38, 50-55; Secr., Histadrut Defence C'tee, 39-44; Histadrut delegate, USA, 46-48; Political Secr., Mapam, 56-58; Minister to Bulgaria, 58-60; Ambassador to Austria, 60-63.
Kibbutz Sarid.

PELED, Uzi; M.A. (Soc.); Exec. Dir., Isr. Inst. of Appl. Soc. Res.; Dir. Gen. & Producer IDAN films & TV Productions Ltd.; b. Tel-Aviv, 10.7.1937; ed.: H.U. & Brandeis U.; m. Tsiyona; ch.: Eyal, Tal, Hagit, Orit; Ext. Teacher, Dpt. Bus. Adm., H.U.; w. IDF, 55-57; Isr. Inst. of Appl. Soc. Res., Res. Assist., Dir. of Res., Dep. Dir.; Res. Fellow, Center f. Intl Affairs, Harvard U.; Dep. Dir., Israel TV; publ.: "Managerial Climate in Israel", 64; articles on soc. res.; numerous documentary films.
58, Shmaryahu Levin St., Jerusalem; tel. 527816.

PELEG, Alexander; Actor; b. 25.5.38, in Bucharest; to Israel ,1952; grad., Habimah's Drama School; with Army Entertainment Teams (56-59); postgrad. theatrical studies, France T. Balashova School, Paris, 59-61; mbr, Haifa, Communal Theatre (61-62); mbr., "Habima" (63-); played, i.a. "Riccardo Fontana" in "The Deputy"; "The Lover", by Pinter; "Who Is Affraid Of Virginia Woolf", by Albee, "A Way of Life" (one man show), etc.
11, Spinoza St., Tel-Aviv; Tel. 246637.

PELEG, Mordechai; Assoc. Prof. in Civ. Eng., Technion Haifa; b. 1911, Boguslav, Russia; to Israel, 1922; ed.: Talmud Torah & Commerce HS, Russia; Inst. of Mines, Yekaterinoslav, 19-21; Technion Haifa (28-31), B.Sc. Civ. Eng., 32; m.: Bunia Medovoi; 2 ch.: Shmuel, Naaman; p. Cnslt Eng., Min. of Housing; p. City Eng. Dpt., Haifa Municip.; p. w. contract & devel. orgs. as: Shikun Ovdim, Solel Boneh, Palroad P.W.D., Kupat Holim, Haifa Harbour Constr., etc.; p. mbr of C.C., Civ. Engs; mbr: C.C. f. Technol. Terminology by Heb. Lang. Acad. & Technion; Isr. Technol. Museum, org. c'tee; Assn of Eng. & Arch. in Isr. (p. secr. of Haifa branch); Intl Scty of Soil Mech. & Foundation Eng. (p. secr., Isr. branch); Intl Scty of Biometeorology; Assn Internationale Perm. d. Congrés de la Route; 55 sci. publ. in his field.
11 Jerusalem Street, Haifa 33132; tel. 641351.

PELESS, Yona; Dir. Gen., Centre f. Educational Technology & Instructional Television Centre, 71-; b. Poland, 1929; to Israel, 1935; ed.: Technion Haifa, B.Sc. (Cum Laude), 53; D.Sc., El. Eng., 65; University of Pennsylvania, M.Sc., 57; m. Sarah Itzhaky, 1951; s.: Ehud, Gil; Dir. of Engineering, Centre f. Instructional Television, 64-; lctr, Technion; mbr: Natl Cl. f. Research & Development; Scty of Motion Picture & TV Engineers' Progress Report C'tee; Inst. of El. & Electronic Eng.; Head, Advisory Techn. C'tee on Emergency TV Serv., 67; publ.: a dozen papers on engineering problems in sci. journals; an early progress report on Israeli films & T.V.
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PELI, Alexander; M.A.; publisher; Dir., Edit. Brd, Encyclopaedia Heb.; Chmn, Brd of Dirs., Massadah Publishing Co.; Pres., Brd., Massadah Press, Ltd.; p. publisher, editor "Hayom" (Jerusalem daily); Hebrew Editor UNESCO Courier; m.; 1 s.; 1 d.; education: Hebrew U.; to Israel, 1921.
29, Jabotinsky St., Talbieh, Jerusalem.

PELI, Bracha; publisher; Director, Massadah Publishing Co.; Chmn., Brd. of Dirs., Hebrew Encyclopedia Publishing Co. Ltd. & other companies; b. Russia, Jan. 1893; w.; 1 s.; 1 d.; educ.: School of Commerce, Kiev; to Israel, 1921; co-founder: Massadah Ltd., "Ever", Book Stores; Moria Book Distributors, etc.
4 Karl Netter St., Tel-Aviv.

PELI, Pinchas Hakohen; author; poet; founder, Yad Maimon College of Judaic Studies; Snr lctr, University of Negev, Beersheba; editor, Panim-el-Panim (weekly); b. Jerusalem, 1930; m. Pnina Kohn; 1 s.; 3 d.; educ.: Hebrew U., Dropsie College Yeshiva U., N.Y. Theol. Sem.; 2 books of poetry, 2 collections of short stories.
9 Brenner St., Jerusalem; Tel. 31638.

PELLED, Elad; B.A. (Econ.); Dir Gen., Min. of Educ. & Culture; b Jer. 27; stud.: Hebrew U; w. Palmach, 45; IDF, 48-68; Major General (r.); p. Commander of Safed u. siege, dpt. battalion comm., other comm. & staff assignments; co-founder, Staff College, Inst.; Ecole de Guerre, France, 55-56; Comm. of "Golani"; asst. to dpt. chief of staff; Hebrew U., 63-64; Dir., Natl. Defence College, 65; 6 Days' War Comm. Officer, Division, conquering Northern Shomron, Southern Golan; m. Zimra Flex; s. Yuval, d. Yael.
7, Itamar Ben Avi St., Jerusalem; Tel. 37105.

PELLES, Elhanan; Civ. Eng., Dir. Gen., Assn. of Engineers and Architects, Israel, 1952; Dir., Intl Technical Cooperative Centre; b. Charsznica, Poland, 14.7.1912; m.

Batya Cohen; 1 s.; 1 d.; educ.: U., France; to Israel, 1933; p. Scr., Engrs. and Archits. Union, 1937-52; mbr., Technion Council; contrib. to professional publications.
3, Havatzelet St., Ramat Gan.

PENER, Meir Paul; zoologist, entomologist; Assoc. Prof., H.U., 72-; b. 2.4.1930, Hungary; ed.: Entomol., Hebrew University; minors in Biochem., Physics; Assist., dpt of Zoology, 58-60; Instructor, 60-63; Ph.D., 63; Res. Fllw., Anti-Locust Res. Centre, London, 64-65; mbr of Cl., Assn d'Acridologie; Fllw, Entomol. Scty, Israel; Fllw., Royal Ent. Scty, London; Snr. Lctr, 67-72; publ. 30 sci. papers in Intl Scient. Journals, mostly on biology & physiology of insects; participated, various Intl. Congresses on these subjects.
19 Haportzim St., Jerusalem.

PEPPERCORN, Martin; National Campaign Director of the United Jewish Appeal; member of the New York City Bar Assn.; served as a field representative of the UJA, 46-55; in 1956 he became the campaign director for the Greater Miami Jew. Federation until 1959 at which time he rejoined the staff of the Unitd Jewish Appeal as Assistant Campaign Director; appointed Associate National Field Director of UJA, 62.
New York, USA.

PERELMAN, Chaim; Ph.D.; LLD; mbr, Brd. of Gvnrs., Hebrew U., Jer.; p. Chmn., Magbith, Belgium; educ.: U. of Brussels (Law, Phil.); Hon. degrees, U. of Florence, Hebrew U. Jer.. Mefill U. Montreal; b. 25.5.1912, Warsaw; m. Felice Liwer; 1 d., Noemi; p. Dean, School of Education & of Faculty of Humanities, Brussels; Pres., Centre Natl de Rech. de Logique; Pres., Intl Inst. of Philosophy; Vice-Pres., Intl Federation of Scties. of Philosophy; p. editor, "Menorah"; Hon. Chmn., Brussels' Youth Centre; mbr, Belgian Acad. & Acad. Lincei (Rome); Commander of the Order of the Crown.
32, Rue de la Pecherie, Brussels, Belge.

PERELMAN, Fela; Ph.D.; writer; Secr. Gen., Belgian Friends of Hebrew U.; Pres., Exec. Brd., "Solidarity with Israel" drive & Pres. of the 1969 Campaign; b. in Poland; dr. phil. & lit., licencie in pedagogical sci.; m. to Prof. Chaim Perelman; 1 d. (Noemi Mrs. Mattis); awards, Croix de guerre (avec glaives), Croix de la Resistance; Off., Ordre de Leopold II; prominent in Jewish communal work; mbr: Belgian Writer's Assn; Belg. Women Fed. of U. grad.; books: "Dans le ventre de la baleine", "La Belgique et la Revolution polonaise de 1830".
32 Rue de la Pecherie, Bruxelles 1180, Belgique.

PERELMAN, Raymond G.; mbr, Exec. C'tee & Natl Campaign Cabinet, UJA; gen. chmn, Allied Jewish Appeal, Philadelphia, 67; Advance Gifts and Trade Council chairman for previous campaigns; vice-pres. of the Federation of Jewish Agencies of Gt. Philadelphia; sponsor of the AJA campaign and p. vice-chairman of the United Fund of Philadelphia; chairman of the Federation Building Fund; on the Board of the Philadelphia and Natl Chapters of the American Friends of H.U. Jer.; officer of the Board of Governors of the Philadelphia Chapter of Bonds f. Israel; p. general chairman of the Israel Bond Campaign and a Board Member of the Jewish Y's and Centers of Gt. Philadelphia; on the board of dirs of the Philadelphia 1976 Bicentennial Corporation and a trustee of A. Einstein Med. Center; dir. of the Temple Beth Sholom and member of the Locust Club; chairman of the board of Belmont Indust., Inc., and a partner in the Am. Paper Products Comp.; mbr, brd of dirs, Lincoln Natl Bank and trustee of both Natl Land and Investment Co. and Pennsylvania Real Estate Investment Trust Co.
Philadelphia, USA.

PERELMUTER, Hayim Goren; D.D. (hon.); Rabbi, Kam Isaiah Israel Cngn, Chicago; visit. prof. of Jew. studies Cathol. Theol. Un., Chicago; vice-pres., Chicago Brd of Rabbis; mbr: Exec. Brd, Hyde Park Cl. of Churches & Syngs (p. pres.); Soc. Section C'tee, Am. Heb. Cngn; S.E. Chicago Comm. Brd; Pritzker Hosp. Brd; Natl Fed. Temple Youth; Z.O.C.; b. 2.6.1914, Montreal, Canada; ed.: McGill U., 31-35, B.A.; Jew. Inst. of Relig., NYC, 35-39; Harvard U., 39-41; m.: Nancy Goodman; 2 s.: Rabbi Mayer; Michael; p. pres., AJC Chicago; p. mbr: Exec. Brd, Cen. Confer. of Am. Rabbis; Brd of Gvnrs, HUC; Jew. Ed. Brd; p. chmn, T.V. Comm., Chicago Brd of Rabbis; Rabbi: Beth Israel Syn., Waltham, Mass., 39-41; Beth Zion Temple, Johnstown, Pa., 41-57; life-mbr: Natl Fed. Temple Youth; Jew. Chautaqua Scty; transl.: "This Immortal People" by E.B. Cohn (from German); "Jewish History in 1000 Questions & Answers" by A.Z. Zacher (from Yiddish).
5000 East End Ave, Chicago, Ill., USA.

PERES, Asher; D.Sc.; physicist; Prof. of Physics, Technion, 67-; b. 1934, France; educ.: Technion, B.Sc. Mech. Eng., 56; Saclay, Ing. en Genie Atomique, 57; D.Sc., Theoretical Physics, Technion, 59; m. Aviva Grunspan; 2 ch.; to Israel, 1949; Head, Physics Dpt., Technion, 66; Pres., Physical Society of Israel, 65-66; Dean, Grad. Sch., 72-73; over 90 sci. publ.; Fullbright Travel Award, 61.
18 Danya St., Haifa; tel. 255020.

PERES (Persky), Shim'on; M.K., Min. of Commun. & Transport; Min. of Admin. areas & refugees rehab., 69-70; member, C'tee f. Security & Frgn. Aff.; co-founder, p. Secr. Gen., Rafi; b. 1923; ed.: Harvard U.; to Israel, 1934; p. secr., "Hano'ar Ha'oved" Movement; mbr., Mapai Secretariat; Dir. Gen., Ministry of Defence, 52-59; Dep. Min. of Defence, 59-65; awarded, Legion of Honor, by French Government, 1957; author of "The Next Phase", 65; "David's Sling", 70; articles on political topics.
12 Oppenheimer St., Ramat Aviv, T.A.

PERES, Yochanan; sociologist; snr lctr, Tel-Aviv U., 70-; b. Germany, 16.10.1931; to Israel, 1938; ed.: H.U. Jer. — B.A., M.A., Ph.D.; m. Hanna Heller, 1957; s. Yuval; d.: Nava, Nurith; Chmn of Res. C'tee, Fcty of Soc. Sci., Tel-Aviv U.; visit-lctr: Columbia U., N.Y., 68-69; Harvard U., Cambridge, Mass., 69-70; conducted several soc. res. projects on ethnic relations in Isr. & on educ. topics; co-author of a book on res. methods in behavioral sciences; publ., e.a.: Some Observations on the National Indentity of the Israeli Arab (w. N. Davis), 69; Israel & the New Left, 70; Validity Reconsidered (w. G. Yatziv), 70; Ethnic Relations in Israel, 71.

7, Moriah St., Ramat Hasharon.

PERETZ, Aharon; Dr.; Clinical Assoc. Prof., of Gynaecology & Obstetrics, Hebrew U.; b. Butrimonys (Lithuania), 1910; Dr. med., Kovno, 1933; Head, Dpt. of Obstetrics & Gynaecologv. Kovno Public Hosp., 1939-41; Gynaecologist, Obstetrician, Kupat Holim, Tel-Aviv, 1946-48; Head, Dpt. of Obstetrics and Gynaecology, Rambam Govt. Hosp., Haifa; mbr. governing body of new Haifa Univ. Medical School, 69-.

14 Netiv Ofakim, Haifa; tel. 243152.

PERI, Yaacov; Aluf (res.); Chmn, Association f. Welfare of Soldiers in Israel, 1969-; b. in Bulgaria, 1915; to Israel, 1925; educ.: Herzlia Gymn., Tel Aviv; joined Hagannah underground, at early age & mbr. of staff thereof, 39-; several assignments, training, commanding, 39-46; app., dep. comm. southern area, 46; comm. of region, south. area, in charge of reg. HISH, securing communications Tel-Aviv—Jerusalem—Negev & reprisal operations; head, Reg. 52, participating in battles Latrun, Jerusalem road, Huleikat & breaking-through the siege on the Negev, 48; app. Comm., "Ghivati" Brigade, 49; head, Operations div., HQ, 50; head, H.Q. Southern Command, & Dep. Comm., at times, 53-59; Comm., Jerusalem Area, 59-61; Military Attache, Italy, Yugoslavia, Switz., 61-63; Pres., Milit. Court of Appeals, IDF, 63-69; m.: 3 ch.

The Assn for Welfare of Soldiers in Israel, 8 Ha'arbaa St., Tel-Aviv; Tel. 262291.

PERI, Yoram; journalist; sociologist; spokesman of the Isr. Labour Party (mbr of C.C. & Secretariat); b. 2.3.1944, Jerusalem; ed.: Beith Hakerem HS, Jer.; H.U. Jer. (pol. sci. & sociol.), B.A., M.A.; m.: Penina Einklicht; p. journ., "Davar" daily; p. lctr, Dpt. of Sociol., H.U. Jer.

24 Simtat Iris, Neve Rasko, Ramat Hasharon.

PERLMAN, Shalom; M.A., Ph.D.; Professor; Dean, Fcty of Human., Tel-Aviv U., 69-72; b. 22.11.1919; educ.: Hebrew & Oxford Universities; m. Erela; ch.: Hanna; mbr. Fac. Brd. & Senate of Tel Aviv U.; p. Students Dean (65-67); Head, Dpt. of History, T.A. U. (66-67); Visit. Prof. Michigan U. (68); Dean, Fcty. of Humanities, T.A. U. (69); publ.: in periodicals & the Hebrew Enciclopaedia; Ed. Philip & Athens, Cambridge.

16 Bialik St., Tel-Aviv; tel. 50679.

PESSIN, Nachum; Dep. Dir Gen. (Admin.), Shaare Zedek Hosp., 65-; b. USA, 29.12.1935; to Israel, 1961; ed.: Yeshiva U., Mr. Education; m. Chana Sugar; d.: Chava, Dena, Navah, Shoshana, Ayalah; Exec. Pres., Bnei Akivah, N. America & **Bachad Org. of Am.,** 55-59; teacher, Heb. Inst. of Rockland County, 59-61; Dir. & Dean of Students, "Netiv Meir" Yeshiva HS, Jer., 61-65; p. mbr exec., World Bnei Akivah Org.; Exec. C'tee, Religious Zion. of Am.; p. Pres., Bnei Akivah Scholarship Inst.; Chmn of brd, Young Israel Migdal Syn.; recip.: Henrietta Szold Award, by A.A.C.I.

28, Hida St., Bayit Vegan, Jerusalem; Tel. 66037.

PETEL, David; M.K. (Labour Alignment),-69; b. Basra (Irak), 1921; m. Malca Azariah; 2 s.; 2 d. (Ruth; Eliahu; Timora; Uzi); delegate to 23, 24, 28 Zion. Cngrss; p. mbr, Munic. Cl., Bnei Brak; mbr. Control & Central Committee, Labour Pty; Pres., Iraqi Jews Immigrants Assn. in Israel; elected to the 4th, 5th and 6th Knesset.

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PETROFF, Jacob W.; Snr Lctr in Classics; b. 1931, Toronto, Canada; to Israel, 1969; ed.: Yeshiva U., B.A., 52; Columbia U. - M.A., 57; Ph.D., 66; m.: Dvora Abramson; ch.: Yehoshua, Moshe, Shalom, Menucha, Ora, Yosef.

125/17 Sanhedria Murchevet, Jerusalem.

PETRUSHKA, Shabtai Arieh; musician; Lecturer, Rubin Acad. of Music, Jer., 70-; Dir. of Music, Kol Israel, 58-68; now retired; b. Leipzig, 15.3.03; m. Miriam Schwarzer; 1 s.; ed.: Jewish High School, Leipzig; Technical U., Berlin; Leipzig & Berlin Consrv.; to Israel, 1938; musician, cond., arranger f. Orchestra, Palestine, Brdcast. Serv. (38-48); Ass't Dir. of Music, Isr. Brd. Serv. (48-58); composer of incidental music for radio plays; chamber music for trio; "Four Movements for Band"; "Five Oriental Dances for Orchestra"; "Three Movements f. Orchestra"; 'Hebrew Suite"; Piccolo Divertimento for Band, publ. by Israel Music Inst.; Prize by Am.-Isr. Scty, New York (57); Mbr, Council, Israel Composers Assn; p. Pres., Jerusalem Rotary (65-66).

13, Abba Hilkiya, Jerusalem; Tel. 32322.

PEYSER, Eli; M.D., Clinical Assoc. Prof.; head, dpt. of Neurosurgery, Rambam H., Haifa; b. Goettingen, Germany, 19; ed.: Basle U., M.D., 37-43; vlt. assist., Experimental Physiology, Basle, 43-45; Hadassah H., Jerus., House Off., Assist. (Surg.); IDF, 48-50; neurosurg. training, 50-57, (includ. 53-54 in N.Y.); Hadassah Jerus. & Mount Sinai H., New-York; Chmn, Ethics C'tee & Law C'tee, Haifa Branch, Isr. Med. Assn; fllw: Intl College of Surgeons, Isr. Med. Assn, Isr. Surg. Scty, Isr. Neurological Scty, Isr.

Neurosurg. Scty; to Israel, 1932; m. Vera Kahn; ch.: Yael, Amos; publ. papers in medical journals.
104, Hatishbi St., Haifa; Tel. 83166.

PFAU, Alphonse; M.D.; Perm. Chief Physician, Dpt. of Urology, Hadassah-University Hosp.; Assoc. Prof. in Surg., Hebrew University - Hadassah Medical School; b. Bucharest, April 17, 1925; m. Lea Shalitin; 3 s.; educ.: U. of Bucharest Med. School; Residency in General Surgery, Hadassah-U. Hosp., Jerusalem, 1953-57; Chief Physician in Urology, 1957-61; perm. chief phyc. in Urology, 1963; Stanford U., Calif., Dpt. of Urol.: Post Doct. Res. Flw, 62-63; Visit. Assoc. Prof., 69-70; publ.: clinical & research papers in U.S. medical journals.
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PIAMENTA, Moshe; linguist; Ph.D.; Assoc. Prof. of Arabic, Hebrew & Bar Ilan U-ies; b Jerus., 13.4.21; studied Islamic culture, Hebrew U.; m. Malca Alcalay; 3 ch.; on staff Imigr. Dpt., Palestine, 40-44; dep. head of Hagannah's Arab Dpt. Jerus., 47-48; chief interpreter, Knesset, 49-59; mbr, Fcty H.U., 50-; insp., Min. of Educ. (Arabic second schools) 59-; visit. lctr, Arabic, UCLA, 65-66; mbr, Natl Council f. Culture & Arts, 62-65; mbr, Isr. Oriental Scty & Amer. Orien. Scty; publ. several works on Arabic grammar, textbooks, studies in lit. & coloquial Arabic; aw., ALEH; USA Fulbright grant. 65-66.
22, KKL St., Jerus.; tel. 33080.

PINCAS, Israel; poet, writer; b. Sofia, Bulgaria, 28.1.1935; to Israel, 1944; m.; 2 d.; mbr, Hebrew Writers' Assn; publ.: 2 volumes of poetry — Fourteen Poems, 60; Supper in Ferrara and Other Poems, 65.
9, Gordon, Tel-Aviv.

PINCK, Louis A.; chemist (ret.); p. active in ZOA, UJA & Israel Bonds; co-found., Beth El Cngrn, Montgomery Co., Bethesda, Md.; b. 20.6.1894; ed.: NY U., B.Sc., 18, Ch.E., 27; G. Washington U., M.Sc., 23; m.: Esther Surashy; s. Dan; Fllw, Am. Assn f. Advancement of Sci.; mbr: Am. Chemical Scty; NY Acad. of Sci.; chemist, War Dpt., Washington, 19-21; res. chem., Agric. Dpt, Washington & Beltsville, Md., 19-64; publ. 53 scientific articles.
5805 Bradley Blvd., Bethesda, Md. 20014, USA.

PINCUS-GANY, Lydia; stage designer; working for several Israelian stages (Habima, Cameri, Ohel, Zavit, Godik, etc.); b. 24.3.1929, Bucharest; ed.: Roumanian Academy of Fine Arts, Bucharest; to Israel, 1960; m. Pesach Gany; ch.: Yael, Jayr; stage designer, Roumanian theaters, 60; lctr, Fcty of Arts, Tel Aviv U.
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PINCZOWER, Felix Daniel; Author; owner, mang., Pinczower Bookshop, Tel-Aviv; b. Berlin, May 29, 1901; m. Dr. Hilda Kamerling; 1 d.; p. Sport Journalist, Israelitisches Familienblatt, Hamburg; to Israel, 39; author: "Der Juedische Laeufer", 1937; also "Juden im Deutschen Sport", 1968; regular contributor to Israeli and Foreign Sport Papers; co-Editor, Beckman Sport Lexicon; Philo Lexikon.
83 Sokolow St., Tel-Aviv; Tel. 443448.

PINES, Shlomo; Prof., Hebrew & General Phylology, Hebrew U.; b. Paris, 1908; ed.: Berlin, Heidelberg, Geneve & Sorbonne U-ies; Laureate, Israel Prize, 1968.
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PINNER, Hayim; Exec. Dir., B'nai B'rith, Gr. Britain & Ireland; Dir., Intl Cl. B.B., London; edit.: B.B. Journal; "Jewish Vanguard"; b. 25.5.1925, London; ed.: Coll. of Educ., London U.; Yeshiva Etz Hayim, London; Beth Berl, Israel; m.: Rita Reuben; ch.: Simon, Rachel; mbr, Zion. A.C.; V. Chmn (p. Chmn), Poale Zion, Labour Zion. Mov., Gr. Britain; Exec., "Labour Friends of Israel"; Jew. Cultural Scty, Ben Uri, TAC; p. treas., Zion. Fed., Gr. Britain & Ireland; p. secr., Young Poale Zion; p. edit., "Darkenu"; publ. numerous articles (Heb., Yiddish & English); brdcsts, Kol Israel, Kol Zion Lagolah & Heb. Sct, BBC.
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PINSKY, Alex; Prof. of Biochem., Dpt. of Life Sci., Bar-Ilan U.; b. 19.1.1921, Montreal, Canada; to Israel, 1950; ed.: Mc Gill U., Montreal - B.Sc. Agr., 41; M.Sc., 46; Ph.D., 49; m.: Judith Wolff; s.: Joseph Yedidya; 2 d.: Riva Ruth, Michal Rachel; served Canad. Army, 42-46; res. grant, Columbia U., 50; res. investig., Agric. Res. Station, Rehovot, 50-56; mbr: Am. Assn f. Advance. of Sci.; Sigma Xi; Am. Chem. Scty; Isr. Biochem. Scty; papers (publ. & read at sci. meetings) on Enzymes, Iso-

enzymes, Thermophilic Enzymes, Enzyme Inhibitors.
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PIRON, Mordechai; Brigadier-General, Chief Rabbi, IDF, 1971; b. Vienna, 28.12. 1921; to Israel, 1938; ed.: grad. Mikve-Israel Agr. School; H.U., Jer. (Judaica); London U., B.A.; Cambridge U. (English studies); Rabbinical Dipl., by the Chief Rabbi of the Holly Land; m. Ahuva Gardi; s. Jacov; d.: Tova, Orna; w. IDF, 48-; v.- pres., Lishkat Hashelosha, B'nai B'rith; Rabbi, Young Couples' Synagogue, Bat-Yam; publ.: "Legendes of the Sages"; research in Judaica; brdcst lctr, "Kol Israel", on Aggada, Midrash, etc.
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PLOTKIN, Yitshak; M.A., Manag. Director, "Vita", J. Plotkin & Sons Ltd.; b. Vilna, Febr. 2, 1923; m.; 3 ch.; educ.: American U., Beirut; to Israel, 1934; with above firm since 1942.
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PNUELI, David; Mech. Eng.; Assoc. Prof.; Dean, Fcty of Mech. Eng., Technion, 71-; b. Vilna, 14.1.1933; to Israel, 1935; ed.: Technion — B.Sc., 53-57; M.Sc., 57-59; Case Inst. Techn. Cleveland, Ohio, Ph.D., 59-62; m. Olga Suez, 1954; 1 s.; 2 d.; mbr: Am. Assn f. Advancement of Sci., Sigma Xi Scty.; publ.: numerous sci. res. works.
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POLSKI, Moshe; act. in P.R.; publisher; b. Kishinev, 9.6.1901; to Israel, 1939; ed.: Econ. H.S., Berlin; m. Rivka Slonimski, 1940; p. Wlf Officer, Anti-aerian Defence; repre., "Who's Who in Israel & Abroad"; editor, "Tourist Guide to Israel", etc.

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leading roles in Cologne, Schleswig, Tel-Aviv & Zuerich theatres; recip. Kinor-David Prize, Tel-Aviv, 70; Ramchal Prize, Tel-Aviv 56; main parts played: Shakespeare — Juliet, Viola; Euripides — Electra; Schiller — M. Stuart; Bernard Shaw — Jeanne d'Arc; Brecht — Good Woman of Sezuan; Hsiung — Lady Precious Stream; Gibson — Two for the Seesaw; Lorca — Blood Wedding; toured USA, f. Isr. Bonds, 56; study-tour (subject: theatre f. children) in Russia, 63.
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PORATH (Foerder), Joseph; mbr., Israel Chess Team at 11 Olympiades; Secr. Coop. "El-Al", Ramot Hashavim; b. Breslau, June 7, 1909; m. Miriam Goldschmidt; 2 s.: educ.: University; to Israel, 1934; International Chess master; Israel Chess Champion, 1937, 1940, 1953, 1957, 1958, 1959, 1963; Isr. deleg., World Chess Federation.
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of gov. brd, Pittsburgh Yeshiva; author of: "In the Shadow of the Kremlin"; "Forms of Jewish Adult Religious Education" (textbook used in Grad. Schools of Ed.); over 300 sermons publ. by RCA; edited: 'Eidenu", scholarly Heb.-Engl. vol. in memory of Dr. B. Revel. 1st Pres. founder of Yeshiva U.; scholarly Sermon Volume, in honor of the late Chief Rabbi, Dr. Herzog, 55; hundreds of popular & scholarly articles, including over 300 articles on the Soviet Jews; visited USSR, 64, 65, 67.

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44 King David St., Herzlia B.

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PRESSLER, Menahem; concert pianist; b. Magdeburg, Dec. 26, 1923; m. Sarah Sershin; 1 d.; educ.: Stern Conservatoire, Berlin; Hebrew Conservatoire, Tel-Aviv; studied, E. Rudiakow, Prof. L. Kestenberg; won prize in piano competition, organized by Palestine Orchestra. 1940; soloist with the I.P.O., P.B.S., orchestra, etc.; first Prize, Intl. Debussy competition, San Francisco, 1946; concerts in Canada, U.S.A., France, etc.; 4 year contract, Philadelphia Philarmonic Orchestra; records — M.G.M.; founder, Beaux Arts Trio, hailed by Toscanini.

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PRESSMAN, Lillian S.; journalist; B.S.; edit. newspaper of Hadassah Phila. Chptr; b. 16.2.1912, Windber Pa., USA; m.: Harold B. Pressman; ch.: Richard, Mark; publicity chmn, Women's Div. Phila. Chptr of Technion; brd mbr: Am. Friends of H.U.; Wmn's C'tee, Fed. of Jew. Agencies; Statee of Isr. Bonds; p. natl edit. Phi Sigma Sigma; edit.: publ. of Temple Sinai; "Philadelphia Jew. Times", 36-39; publicity dir., YM & YWHA, Phila., 38; dir. publ. relat., Radio Station WPEN, Phila., 39-40; publ.: articles of varied interest; recip.: honors — by Temple Sinai & Isr. Bonds, 66; Phila. Chptr of Hadassah & Isr. Bonds, 68; "Award of Merit", Am. Technion Scty, 69; "Pyramid Award", Phi Sigma, 71.

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PRIDOR, Rina; Advocate; Exec. Assist. to the Chief Sci., Min. of Comm. & Indus.; in charge of Sci. Based Indus. Parks; responsible f. Sci. Based Indus. C'tee, Econ. Confer., 69-; edit., "Israel Industries Using Advanced Technology"; b. 1940, Tel-Aviv (maiden name: Treves); ed.: H.U. Jer.,

Law Fcty, 61-64; prof. specialization, 64-65; m.: Adir Pridor; 3 ch.; p. indep. lawyer.
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PRI-GAL, Yaacov (Preger Jacques); shipping agent; Deputy Mayor of Eilat, 69-73; Royal Swedish Vice-Consul; b. Rotterdam, Holland, 29.4.1929; to Israel, 1948 (Mahal-volunteer); educ.: secondary school, Rotterdam; m. Betti Demant, 49; s.: David, Uri; Chairman, mbr of various municipal committees; active member, Labour Party; active in Magen David Adom, Akim, Anti-Cancer League; Pres., Eilat Lodge, B'nai B'rith; p. Pres. of Rotary, etc.; p. Mng., M. Dizengoff & Co. Ltd., Eilat; p. ZIM repres., Eilat; p. Mng. Dir., Lagos & Niger Shipping Agencies, Lagos; p. ZIM represent. f. Nigeria & the Cameroons.
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PRIHAR, David Y.; Chief Systems Eng. & Dir. of Marketing, G.T. & E.I. Systems Ltd.; b. Haifa, 20.8.1932; grad. RCA Institutes Advanced Techn. Course, 57; Cornell U., B.A. Math., 61; grad. courses in communication systems design, U. of South Florida & U. of Colorado; also completed company sponsored courses in Value Analysis & Systems Eng.; m. Esther; s.: Ron, Gil; w. Signal Corps, IDF, 51-54; Junior Systems Eng., Datronics & Radio Eng. Labs., Bethesda, Maryland, 61-63; worked 5 years as Snr System Eng., Martin Marietta Corp., Orlando, Florida; Principal Eng. in the Advanced Systems Dpt., Electronic Communications Inc., St. Petersburg, Fla., 68-70; p. secr., St. Petersburg-Tampa chapter of IEEE Communications Techn., Vehicular Communication & Broadcast Group; mbr: Cornell Scty of Engs., IEEE, AFCEA; publ.: "A Method of Predicting the Statiscal Distribution of Bandwidth in Troposcatter Links", 63; "A Comparison and Evaluation of Correlation Bandwidth Prediction Techniques", 66; "Frequency-Time Modulation f. Digital Troposcatter Transmission", 67.
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PRIMOR (Halperin), Avraham; B.A., M.A.; Charge d'Affairs in Paris, 68-; Charge d'Affairs in Dahomey, 62-68; b. Tel Aviv, 8.4.1935; m. Michal Shein; educ.: Hebrew U.; N.Y. U.; w. MFA in various capacities, 1959-.
27, Hovevei Zion St., Jerusalem; & Israel Embassy, Paris.

PRINZ, Joachim; Rabbi, Temple B'nai Abraham, South Orange, N.J.; Chmn, Gvnr Cl. & Mbr Exec., WJC; b. 10.5.1902, Burckhardsdorf, Germany; ed.: Breslau, Berlin & Giessen U-ies; Jew. Heb. Smnry, Breslau; Ph.D., 24; Rabbi, 26; D.D. (h.c.), 59; m.: Hilda Goldschmidt; ch.: Lucie Berkowitz, Michael, Jonathan J., Deborah Lewis Jaffe; Natl Pres., AJCN, 58-66; Chmn, Intl Aff. Comm., 66-; Confer., Pres. of Major Am. Jew. Org., 66-; UJA, Essex Co., N.J., 45; Dir., Confer., Jew. Material Claims Against Germany, 56; Pres., Jew. Educ. Assn, Essex Co., 44; Brd Dir., Jew. Community Cl.; books: Juedische Geschichte, 31; Die Geschichten der Bibel, 34; Das Leben im Ghetto, 37; The Great Jewish Books (edit. by Caplan & Ribalow), 52; The Dilemma of the Modern Jew, 62; Popes from the Ghetto, 66; Teh Hidden Jews, 73.
306 Elmwynd Dr., Orange N.J., USA.

PROPES, Aron Zvi; Governor, "Misdar Jabotinsky", 69-; dir., The Israel Festival; organiser, Israel Chamber Music Seminar, Zichron Yaacov, 57-62 & other musical events; b. Mittau (Russia), May 25, 1904; m. Miriam Aaronstam; educ.: Prague U. (Law); co-founder, Beitar, and Revisionist Movements, in various countries; founder, director, of Israel Song Festivals and Harp Competitions, 1952-.
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PRYWES, Moshe; Pres., U. of the Negev, Beer-Sheva; Editor-in-Chief, Isr. Journal of Med. Sci., 63-; b. 1914, Warsaw; m.: Rachel Levy Brzezinsky; 4 ch.; ed.: U. of Warsaw; as prisoner, Med. Dir., Head, Dpt. Surgery, Northern Russia Hospital, 40-45; to Israel, 1951; Assist. Dean, 51-55, Assoc. Dean, 55-56, Assoc. Prof. and Head, Dpt. Med. Educ., 65-, Hebrew U. Hadassah Med. Sch.; V.P. Hebrew U., 68-71; Exec. Brd., Natl Res. Cl. f. Res. & Development, 60-69; Health Council of Israel, 62-; Chevalier, French Legion of Honor, 62-; Chmn, Bathsheba de Rothschild Fndn f. Advancement of Sci. in Israel, 63-; World Health Org. Advis. Brd. on Med. Res. (Geneva), 69-; Sci. Advis. Panel, CIBA Foundation (London), 70-; Chmn., Acad. C'tee of Reg. U. Center f. Health Sci. in the Negev, 73-; publ. on medical educ. in Hebrew, English, German, French, Italian, etc.
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PRYWES, Noah S.; Prof. of Computer Sci., U. of Penna.; Brd Chmn, Computer Command & Control Co.; Exec. Comm., Intl Techn. Cooperation Center; b. 1925, Poland; ed.: Technion Haifa, B.S. El. Eng., 49; Carnegie Mellon U., M.S.E.E., 51; Harvard U., Ph.D., 54; p. Dpt. Chmn, Computer Sci., U. of Penna; p. Pres., Comserv; book: Amplifier and Memory Devices, Mc Graw Hill, 65; 50 papers in prof. journals on Computers.
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PRYWES Shalom Z.; engineer; General Manager, Israel Portland Cement Works "Nesher" Ltd.; b. 15.4.1910, Lodz, Poland; m. Mania Unger; 2 ch.; educ.: School of Applied Electrical Engineering and Mechanics, Nancy; to Israel, 1934; engineer in Jerusalem, 34-40; Asst. Controller heavy industries, 40-46; Manager, Seher Ltd., Cement Distributing Co., 46-51; in present position since 1951.
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PUMPIANSKI, Raphael; M.D.; clin. snr lctr in obstetrics & gynecol., 66-; mbr,

Central C'tee of the Isr. Scty of Obstetr. & Gynecol. & Jer. regional c'tee; b. 13.10. 1908, Bialystok, Poland; to Israel, 1957; ed.: Warsaw U., 38; m.: Miriam Halberstadt; d.: Romana; s.: Yoram; corresp. mbr, French gynecol. scty; p. mbr: central c'tee, Medical Assn of Isr. & Jer. branch; natl c'tee Kupat Holim physic.; p. chmn, Jer. branch, Isr. scty of obstetr. & gynecol.; over 50 papers in the field of clin. probl. in obstetr. & gynecol. (in Israel & abroad).

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QUASTEL, Henrietta née Jungman; active mbr, Canad. Hadassah-WIZO; b. 30.11. 1905, Brooklyn, N.Y.; educ.: Barnard Coll., Columbia U., 23-28; m.: Prof. Judah Quastel (dec.); 3 ch.: Michael, David, Barbara Glick; 8 grandsons; mbr: Canad. Mizrachi, Beth Israel Sisterhd.; Cl. of Jew. Wmn, Vancouver Art Gallery; chmn, Cardiff Wmns Zion. Scty, Wales, 45-47; vice-pres., Montreal Hadassah, 55-57; Exec. Dir., Wmns Mizrachi Org. of Canada, 57-63; Exec. Dir., Wmns Bond Org. of Canada, 63-64; teacher Vancouver Sch. Brd., 67-71; participat. in all efforts for H.U.; active in all Jew. activities in Vancouver; to Isr. 8 times.

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RAAB, Menachem; Rabbi; educator; spirit. leader, Cngrn People of Truth, Trenton, N.J.; Dir., Trenton Heb. Acad.; mbr: Orth. Rabbinate; Exec. C'tee, Rabbin. Cl. of Am. (p. Chmn, Natl C'tee, Jew. Educ.); Natl V.P., Rel. Zion. of Am. & Pres., Gr. Trenton; b. Phila.; ed.: Yeshiva U., Rabbi, B.A. & Dr.; Columbia U., M.A.; married; 5 ch.; mbr, N.J. Reg., Cl. f. Day Sch. Principals & Exec. Brd, the Natl Cl.; Trenton Human Relat. Cl.; 1st Pres., Community Relat. Cl., Jew. Fed., Trenton; p. Pres., Brd of Rabbis, Gr. Trenton; V.P., Rabbin. Alumni, Yeshiva U.; Head, Hillel Sch., Rochester, NY; contrib. to Orth. Jew. Life Mag.; publ., "Understanding the Siddur"; recip.: Rabbi Herzog Gold Medal Award; Brotherhood Award from Mercer Chptr, Natl Confer. of Christ. & Jews, 71.

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RAANAN (Reismann), Joseph Kurt; Exec. Vice-Pres., Alliance Tire and Rubber Co. Ltd., Hadera, 69-; b. Vienna, 10.7.1922; to Israel, 1938; ed.: scnd. w. matriculation, Vienna Realschule; intl relations & econ., H.U. Jer., 53-54; m. Ahuva Hayout; ch.: Ronit, Liora, Michal; joined Wingate's Nightsquads, 38; R.A.F., 40, serving in M.E., U.K. & Europe; aircrew, psych. warfare assignments, -44; Hagana Command., Haifa airport, 47; IDF, various snr appointments in Isr. A.F., P.M.'s Office, on special duties in Israel & abroad, 57-64; "Alliance" Co. Dep. Gen. Mng., 64-69; mbr, Israel Management Centre.

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RABANI, Joseph; Prof. of Chem., H.U. Jer.; b. 25.9.1933, Tel-Aviv; ed.: H.U. Jer., M.Sc., Ph.D.; m.: Ziva; 3 ch.; chmn, Isr. Students Org. in Chicago, USA, 65; active in: movement f. changing the election method in Isr.; movement f. the liberation of Soviet Jewry; sci. works in fields of radiation chemistry & photochemistry, incl. basic res. & application to radiation biology.

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RABIN, Jacob; journalist; edit., L'Information d'Israel; p. edit., L'Echo d'Israel & Hachaar; b. Petach Tikvah, 1912; m. Jeanne Fedida; 3 ch.; award, "Officier

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RABIN, Ozer; poet, editor; w. the Hebrew Encyclopaedia, 47-; b. Germany, 18.3.1921; to Israel, 1926; ed.: H.U., Jer.; London U. (special courses in English lit. — old & modern); m. Ruth Kutzenock (Keynan); s.: Amos, Dan; mbr, Heb. Writer's Assn; 3 books poetry: "Ad Afar" (Poems), Sifriat Hapaolim, 53; "Shuv Veshuv" ("Again and Again"), Sifriat Hapoalim, 67; selected & some new poems, "Eked", 70; award: MILO Prize; — Creativity Prize, by P.M.'s Fund, 71.
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RABIN, Yitzhak; Rav Aluf (Lieut. Gen.); Member of Knesseth (Maarach) 74-; Ambass. to US, 68-73; p. Chief of Staff, IDF; b. Jerusalem, 1922; m.; 2 ch.; educ.: Agric. School Kfar Tabor, 36-40; took part in world war II Allied invasion of Syria & operations behind enemy lines, 41; active service & command, 1948 War of Independence; participated Isr. Deleg. at Rhodes armistice negotiations, 49; Head, Tactical Operations Dpt., H.Q., 50-52; graduated from Staff College, England; Head of training dpt., IDF, 54-56; Officer Commanding, Northern Command, 56-59; Head, Manpower Branch, 59-60; Deputy Chief of Staff & Head General Staff Branch, 60-64; Chief of Staff, IDF, 64-68; Hon. Ph.D.: Hebrew U., Jerusalem; Dropsie College, Phila., Pa.; Brandeis University, Waltham, Mass.; Yeshiva University, NYC.; Chicago, Ill., College of Jewish Studies; U. of Miami, 70; J.T.S., 73.
Tel-Aviv.

RABINOVITCH, Kopel; Physicist, The Israel Electro-Optical Ind.; Snr Lctr, Bar Ilan U.; b. 1930, Poland; to Israel, 1935; ed.: Moria HS, Tel-Aviv; H.U. Jer. M.Sch., 57; Ph.D., 64; m.: Tzila Burstein; d.: Michal; s.: Dov-Yakir; p. w. Natl Bur. of Standard, Wash., USA; p.w. Dpt. of Phys. & Astronomy, U. of Maryland; p.w. Dpt. of Phys., Technion Haifa; active in Youth Dpt. of Natl Relig. Pty; patents & many sci. publ.; partic. at many intl & natl sci. conferences.
Bar-Ilan University, Ramat-Gan.

RABINOW, Baruch; banker; Gen. Mng., Bank Hapoalim, Ltd., T.A.; b. 14.11.11, in Pinsk (Russia); to Israel, 1935; m.: Ada Silberschatz; 1 d.; Vered Sklark; Dir. Gnl., Israel-America, Industrial Develop. Bank; Dir. "Ghemul" Ltd.; Bank f. Ind. & Comm.; "Bitzur", Ltd.; Binyanei Tzibbur, Ltd.; Tagmulim Ltd.; Hatzrot Hadar, Ltd.; Pres., Investment Corp. of Bank Hapoalim. Trust Corp. of Bank Hapoalim; p. mbr., Centr. Comm. Hashomer Hatzair, Poland; mbr. presidium, treasurer & mbr. Exec., Hakibbutz Haartzy (36-39); deleg. World Zion. Congress (39, Geneva); Security Comm., Histadrut (45); mbr. H.Q. & head, Financial Dpt. Hagana (46-48); head Finance Dpt. IDF (48-49); first Chief of Payment, IDF, 48-53; Secr., Kibbutz Artzi (53-58); Gen. Mng., Bank Hapoalim (61-).
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RABINOWICZ, Harry Mordka; Rabbi; Ph.D.; mbr: Cult. C'tee WJC; Natl Cl. Mizrachi; b. 8.7.1919, Warsaw; ed.: Polytechnics; Yeshivat Etz Hayyim, London; m.: Bella Grossman; ch.: David, Jackie, Hannah; Rabbi, Dollis Hill Syn.; mbr, Centr. Exam. Body of Jew. Coll.; examiner f. London Brd. of Jew. Relig. Educ.; lctr. in Talmud, Jew. Coll., 68-69; mbr, Fed. of Jew. Relief Org.; Pres. Dollis Hill J.P.A. C'tee; contrib. to: Jewish Chronicle, Journal of Jew. Studies, Times Lit. Supplem., Jew. Quarterly Review; publ. books: Guide to Hasidism; The Slave who Saved the City; The Jew. lit. treasures of England & America; A Guide to life; Legacy of Polish Jewry: The World of Hasidism; recip.: Sir R.W. Cohen Memorial Scholarship, 60, 72.
151 Ansow Rd., N.W. 2, London, England.

RABINOWITZ, Bert; p. General Campaign Chairman Combined Jewish Philanthropies of Gt. Boston; Natl Chairman, UJA; Pres. of the Colonial Provision Company for ten years; p. Dir. of the American Meat Institute; member of the five-man United States Department marketing delegation to the USSR, 60; found. & charter member of two Boston area temples; Vice-Pres. & member of the exec. committee of the Combined Jewish Philanthropies of Gt. Boston; serves on the board of dirs of Beth Israel Hospital, and the Administrative Committee of the Jewish Comty Cl.; first recipient of the President's Young Leadership Award; Chairman of the Boston campaigns in 68, 69, 70; Administrative Committee of the Joint Distribution Committee and the Exec. Committee of UJA.
Boston, USA.

RABINOWITZ, Dvorah; Chmn, Isr. Exec. of Mizrachi Women's Org. of America; Hon. Natl Pres., MWOA (Natl Pres., 48-49); to Israel, 1961; d.: Rena Jacobson, Israel; s.: Yakov; Rabbi Mayer, USA; deleg. to each WZC, 47-; mbr, Brd of Govnrs of Youth Aliyah; p. treasurer, World Mizrachi Women's Org.; missions in U.S.A., Canada & Europe, on behalf of Youth Aliyah, Bonds, etc.; to Israel, on mission (46-47) & to supervise MWOA Projects (49-53); publ.: "Orchids in my Refrigerator", Ot-Paz, Tel-Aviv; foreign radio journalist, WEVD, 61-66; special columnist, "Mizrachi Woman", Anglo-Jewish Press; mbr, Isr. Foreign Journalist Assn.
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RABINOWITZ, Leonard Arieh; Judge, District Court, Haifa; b. South Africa, 1912; to Israel, 1935.
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RABINOWITZ, Louis Isaac; M.A.; Ph.D.; rabbi; Councilman, Jer. (Gahal); Dep. Ed. in chief, Encyclopaedia Judaica; b. in Edinburgh, 24.5.1906; m. Tania Amiel; 2 s.; 1 d.; educ.: Yeshivat Etz Chaim, London; London U.; Rabbi of various synagogues, London; Senior Jewish Chaplain, Middle East & Europe, 39-45; Chief Rabbi, Transvaal & Orange Free

State; Prof. of Hebrew U. of Witwatersrand, Johannesburg; publ.: "Social Life of the Jews of France"; 4 vols. of Sermons; columnist: "Jerusalem Post daily", "S.A. Johanesburg Herald" weekly.

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RABINOWITZ (Bergner), Sonya; microbiologist; Dir., Public Health Lab., Jerus. District & Natl Streptococcus Reference Unit, Min. of Health, 60-; b. Rzeszow. Poland, 3.5.1918; to Israel, 1936; ed.: H.U. Jer. — M.Sc., 42; Ph.D. 47; WHO Streptococcal Study Program, Central Public Health Lab., Colindale, London, 59; postgrad. training course, C.D.C., Atlanta, Georgia, 66; m. 1942; 2 s.; sci., Dpt. of Bacteriol. & Hygiene, H.U., 42-47; Dep.-Dir., Jer. District P.H. Lab., 48-50 (Acting-Dir., 55-60); head, Sewage Res. Lab., 51-54; mbr: sub-c'tee on Streptococci & Pneumococci, Intl Bacteriolog. Nomenclature C'tee, Intl Assn of Microbiol. scties; author: Hygiene, Education and Nutrition Among Kurdish, Persian and Ashkenazic Jews in Jerusalem (Soc. Studies, 1948); 39 publications on clin. microbiol.; sanitary investig. of food; sewage in agric. in Israel; microbiol & immunological aspects of streptococcal infections; recip.: Warburg Award, 42; Oriental Communities Award, 44; Haim Horgin Prize, 48.

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RABINOWITZ, Yehoshua; Mayor of Tel-Aviv-Yaffo, -74; labor leader, comm. worker; b. 13.11.1911 in Poland; att. Hebrew "Tarbuth" schools in Poland, Teachers' Seminary, Vilna; active in the Hehalutz movement in Poland; principal, Hebrew high school; to Israel, 1934; work at Hamashbir's industrial depts. & studies at Tel Aviv School of Law & Economics; 48, elected to the management of the Coop. Movement, instrumental in the modernization of the coop. consumers mov., in building of first supermarkets, etc.; 56, elected to Tel Aviv Mun. Cl.; 59, V.-Mayor; 61, app. chmn. of the Municipality's Financial C'tee & chmn., Townbuilding & Planning C'tees; concomitently, active in establishing joint municipal & governmental corporations f. the development of the city; one of the leaders, Labour Party, Tel Aviv chpt.. & of the national leadership thereof: published, in periodicals, on coop. & municip. subjects; app. Mayor, 9.3.69; re-elected, Nov. 1969.

Tel Aviv Municipality. Tel Aviv.

RACINE, Emmanuel; Gen. Mng., "Delek" — The Israel Fuel Corp. Ltd.; Chmn, Brd of Dirs: Société Gazoline, Paris; Tanker Services Ltd.; Pres.: Chambre de Commerce Israel-France; Union des Français de l'Etranger; Vice-Pres., Isr. Inst. of Petroleum; Dir.: Ort, Israel; "Yad Vashem"; m. Sara Miriam Wexler; 2 d.: Cécile Peyser, Daniella Wexler; w. French Army, Wld War II, then 4 years in French Underground Movt.; award: Military Cross.

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RACKMAN, Emanuel; Dr.; Mbr., Jewish Agency Executive C'tee; Rabbi, Educator; b. in Albany, N.Y., 24.6.1910; educ.: B.A., LL.B., Ph.D. (Columbia), D.D. Rabbi (Yeshiva U.); m.: Ruth Sylvya Fischmann, 28.12.1930; ch.: Mendel I., Benneth M., Joseph R.; Assoc. Prof. of polit. sciece (47-); p. Pres. Rabbinical Council of Am. & New Board of Rabbis; p. leader Congregation Shaarey Tefila Far Rockaway, N.Y., Beth David, Lynbrook, NY, Tiferet Israel, Glen Cove, NY; presently, leader, 5th Ave. Synagogue, NY; p. Assoc. Editor, "Tradition" (by Rabb. Council of Am.) & "Judaism" (by AJC); extensive contrib. on contemporary problems to "Commentary", "Menorah", "Hadassah Monthly", "Bnai Brith Monthly", "London Jewish Chronicle", "Jewish Heritage"; also, Hebrew, in "Talpiot", "Thora She Beal Peh", "Hapardess", as well as law reviews; publ. "Israel's Emerging Constitution", "Jewish Values f. Modern Man", "Judaism & Equality" (in "Nomos"); served w. US Air Force (Col. res.); p. Pres. Jewish Chaplains, Spec. Adv. on Jewish Affairs in Europe (problems of D.P.); awarded, Army Commendation Ribbon; mbr. of: Natl. UJA's Adv. brd., Bnai Brith's Comm. f. Adult Educ., Comm. of Law & Soc. Action, & Jewish Affairs, Am. Jewish Congress; Comm. on Jewish Chaplaincy of the Natl. Jewish Wlf. Brd.; p. Pres. of Bet Din & V.P. Religious Zionists of Am.; recipient, Hon. Dr. of Divinity of Yeshiva U. (1961).

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RACKOVSKY, Isaiah; Rabbi, Shaare Torah Cngrn, Bridgeport, Conn.; Dr., Jew. Lit.; b. Sept. 1907, Jerusalem; ed.: Etz Chayim Yeshiva, Jer.; Yeshiva U., NY; NYC Coll.; NY U.; Jew. Tchrs Smnry, Herzliah; m.: Sylvia Weiner; s.: Dr. Shalom Reuven; mbr: Brd, Relig. Zion. of Am., Mizrachi; Brd of Rabbis, Bpt.; Un. Jew. Cl. Brd; Chmn, Va'ad Hakashrut, Rabbis' Brd; JNF Cl., Bpt., Conn.; mbr: Interfaith C'tee, Bpt.; Hillel Comm., Bpt. U.; Acad. of Political Sci.; Frgn Relations Cl.; Chapl. Police Dpt., Bpt.; lctr, Jew. Civilization, Bpt. U.; p. Rabbi: Un. Jew. Commun., Worcester, Mass.; Un. Orth. Cngrns, Omaha, Nebr.; Chaplain (Captain) U.S. Army, W.W. II; Secr., Founding Conv., Rabb. Cl. of Am.; p. Pres., Rabbin. Cl. of California; Syn. Cl. f. Isr.; Z.O., Bpt., Conn.; p. V.P., Rabbin. Cl. of Am.; Edit. Brd, Tradition; lctr, Old Testament Law, Protestant Clergy Smnry, New Haven, Conn., 58; recip.: Los Angeles Jew. Commun. Cl. Aw.; Gold Medal, Rabbi Herzog Flwshp; Disting. Service Aw., JNF; Jew. Commun., Bayonne, France Aw.; publ.: Words & Thoughts, 42; Cnslt, The Joys of Yiddish by Leo Rosten.

465 Anson St., 06606 Bridgeport, Conn., USA.

RACOOSIN, Theodore R.; account., investment, real estate; b. 8.12.1895, New York; ed.: New York U., B.C.S., 16; hon. fllw, Weizmann Inst.; mbr, ZOA; dir. & trust. brd UJA, N.Y.; chmn, N.Y.C. area, Isr. Educ. Fund; dir., Heb. Free Loan Scty of N.Y.C.; created scholarship fund f. 40 stud. at N.Y. U. Sch. of Bus. Admin.; scndry sch. on his name at Ramle, Havat

Hashomer; in course of construction at: Maagan Michael, Maalot, Ashdod, Kiryat Shmonah, Kiryat Hacarmel; p. pres., Temple Israel of Washington Heights, N.Y.; recip.: "Order of the Lion" of Alpha Epsilon Pi Fraternity.
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RADDAY, Yehuda Thomas; Assoc. Prof. of Bible & Heb. Lang.; Chmn, Dpt. of Gen. Studies, Technion Haifa; b. 1913, Czechoslovakia; to Israel, 1931; ed.: Charles U., Prague, B.L.; J.T.S. New-York, M.A.; Teach. Coll., Jer., Teacher's Diploma; H.U. Jer., Ph.D.; m.: Ilse Lask-Warburg; 4 ch.; publ.: A four-volume series of textbooks of Heb. "Hatza'adim", Jer.; Technical Report Writing, a textbook for engineers, etc., Tel-Aviv; A Computerized Analyt. Linguistic Concordance to Isaiah & A Computerized Analyt. Linguistic Keyword-in-Context Concordance to Zechariah, Haggai & Maleachi, Bibl. Res. Assn, Wooster, Ohio; The Unity of Isaiah in the Light of Statist. Linguistics, Verlag Gerstenberg, Hildesheim; 25 papers.
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RADO FREUDMAN, Olga; artist, painter & sculptor; freelance journalist; lctr on art; b. Budapest; to Israel, 1951 (from Belgium); ed.: Belgian Royal Acad. of Fine Arts, Antwerp.; London School of Arts; m. Jules Freudman; d. Ruth; Tamara; p. private secr. to the late Min of Communications, D.Z. Pinkas; mbr: Israel Artists' Assn; Am. Fed. of Art, New-York; one-man shows in 6 leading museums in USA, Israel & Europe; 2 indiv. exhibs in N.Y.; taking part, as only Israeli, at the "Talent Search Show", N.Y. (chosen as "newly discovered talent"); part.: Isr. art shows in N.Y., New Jersey & all over USA; Art Festival in Israel; collective shows, Israel & abroad; repres. Israel at the Intl Art Exhib. in West-Berlin, presided by the Senator f. Art & Sci. of Berlin, Prof. Dr. Stein; painting acquired by: H.U. Jer., Municipality of Natanya; museums in USA, galleries, collectors in Israel, USA, Europe; do., by Chief Justice Earl Warren; recip.: 1st Prize, Royal Academy of Fine Arts, Antwerp; Township-Award, Nathanya Municip.
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RAFAEL, Gideon; Ambassador to U.K., 73-; Snr Pol. Advis. of Frgn Min., 72-73; Dir. Gen., Ministry of Foreign Affairs, -72; b. Berlin, 5.3.1913; m. Nurit Weissberg; 1 s.; 1 d.; educ.: Berlin University; to Israel, 1934; mbr kibbutz, 34-43; in charge of Pol. Dpt., J.A., 43-47; mbr, Permanent delegation to U.N., 48-53; Ambass. to Belgium, Luxemburg & Repres. to European Economic Community, 57-60; Head, Israel Delegation to 2nd Geneva Conf. Maritime Law, 60; Dep. Dir. Gen., MFA, 60-65; Ambassador to U.N. & Intl. Organizations in Geneva, Sept. '65-April '66· Repres. of Israel to U.N. Gen. Assembly from 2nd to 20th session; perm. repr. to UN, 67; head, Israel Deleg. to UNCTAD III, 72.
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RAFAELI, Eliezer; Acting President, University of Haifa; b. Tel-Aviv, 18.9.1926; ed.: M.A. Columbia U., N.Y.; m. Devora; ch.: Ghitit, Guy, Cheizaf, Dolew, Eshkol; served in the Palmach unities, 46-48; settled in Negev; serv. IDF, 48-50; mbr, Kibbutz, Negev studies Kibbutz Teachers' Smnry., mbr. & teacher, Kibbutz, 50-57; studies in History, Sociology (MA), Columbia U., 57-62; dir. of admin., then mng. gen. of Haifa U. College, since inception, 63-.
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RAGER, Yitzhak; Consul Israel Consulate, New York; p. Counsellor, Isr. Embassy, London; p. Chief-Editor, "Hayom", daily; p. Secr. Gen., Israel Brdcast. Auth., -68; b. 24.6.32 in Cairo (& the same year to Israel); ed.: Tchrs Smnry, H.U.; m. Dr. Bracha Rager-Zisman (née Berman); 1 s.; 1 d.; Off., IDF (-53); Secr. to the late min. of Int., Rokach (-55); PR & Educ. Off., Gadna (-57); Dir., Union of Friends Hebrew U. (58); p. news edit., parliam. corr.; European repres. & Parisian corr. of Kol Israel; finally with Broadcasting Authority, 58-68.
Savion.

RAHAV, Itzchak; Gen. Mng. Haifa port; econ.; mng.; b. Jerusalem, 15.2.26; m. Shulamit Grodzinsky; s.: Amnon; d.: Ayelet; educ.: Hebrew U.; 44-48, Palmach Palyam; 48-67, I.D.F., Aluf-Mishneh, Israeli Navy; 68- Gen. Mng. Haifa Port.
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RAICH, Léa (née Fridmon); social wlf worker; V.P., WIZO, France; mbr: Europ. Exec. Brd, WJC; Polit. Bureau, WJC, France; Hon. Mbr, Wld Exec. Brd, WIZO; b. June 1901, France,; ed.: Licence de Lettres, Dipl. d'Assistante Sociale (Min. de la Santé Publique); m.: Michel Raich; d.: Jacqueline Rubinski; Mbr, WIZO C'tee, 36-40; Pres., WIZO underground service f. the rescue of ch. during German occupation, 41-42; head.. Soc. Service, OPEJ (Ouevre de protection des enfants Juifs), 44-48; Gen. Sec., WIZO, France, 48-70; mbr: Central C'tee, Zion. Feder., France, 57-67; Cen. Comm., Alyah, 68-70; Admin. Cl., OPEJ.
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RAINEY, Anson Frank; Assoc. Prof. of Semitic Languages, Tel-Aviv U.; Corresp. Fllw, I. f. Antiquity & Christianity. Claremont Coll., Calif.; b. Dallas, Texas. USA, 11.1.1930; to Israel, 1962; ed.: John Brown U., Siloam Springs, Ark., BA (Religion), 49; Calif. Baptist Theol. Smnry. Calif. — MA (Old Testament), 53; BD Theol., 54; ThM (Old Testament), 55; UCLA, BA (History), 56; Brandeis U., Semitic Langs. — MA, 59; PhD., 62; m. Patricia Ann Tench, 1957; Asst. Command.: So. Calif. Milit. Acad., 47; Brown

Milit. Acad. of Ozarks, 47-48; soc. worker, San Bernardino County, Calif., 49-51; Teaching Fllw, later Asst. Prof., Calif. Baptist Theol. Smnry, 53-56; mbr: Isr. Explor. Scty, Am. Schools of Oriental Research; subscriber to British Sch. of Archaeology, Jer.; mbr of Archaeol. Staff excavations: Lachish, 66, 68; Arad, 67; Beer-Sheva, 69, 70, 71; books: The Social Structure of Ugarit, 67; Syllabus f. the Study of Codex Hammurapi, 68; El Amarna Tablets, 70; transl.: Y. Aharoni, The Land of the Bible, London, 67; publ. articles, contributions to scholarly journals & reference works, such as encyclopaedias, etc.; recip.: Govt of Israel Scholarship, 60; Warburg Scholarships, H.U., 62-63, 63-64.

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RAMNICEANU, Hugo; Chmn, Valmon S.A.; mbr, Dir. C'tee, United Appeal; Gen. Treasurer Magen David Adom in France; b. 6.2.1917, Rumania; ed.: Hautes Etudes Commerciales; m.: Valerie; 2 ch.

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RAMOT, Haykel (Zvi); Dep. Mayor of Tel-Aviv, 65-69 & 69-; mbr., Kupat Holim Centr. Mngm.; b. 19.3.1904; educ.: High School & teachers' courses; m. Roma Fischer; 1 s., Giora; p. teacher; p. head, local Hashomer Hatzair & Hehalutz; also Councilman, Mlava (Poland); to Israel, 1934; mbr., Mapam Central C'tee, & Polit. C'tee, 37-67; mbr. Histadrut's Supreme Housing Commission.

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RAPP, Uri; sociologist; snr lctr, Tel-Aviv U., 71- (instr., 66-); Seminar Hakibbutzim; translator; chmn, advis. c'tee of theatre, Tel-Aviv Fund of Lit. & Arts; public lctr & radio commentator; mbr, I.T.I.; b. 4.2.1923, Hanau, Germany; to Israel, 1936; ed.: prim. & scndry sch., Hanau, 29-34; Hirsch Real Gymn., Frankfurt, 34-36; Tachkemony, T.A., 36-40; Yeshivat Bnei Akiva, Kfar Haroeh, 40-41; H.U. Jer., 41-46, M.A. (Phil., Hist. & Educ.); Frankfurt U., 68-71; Konstanz U., Dr. (rer. soc.), 71; m.: Anny Stein; d.: Miriam-Karen; s.: Michael-David; instruc. in hist. & soc. sci. at the Teachers' Coll. "Seminar Hakibbutzim", 50-; letcuring & writing in soc. studies; radio critic on the theatre; emissary (cult. & ed.) of the Jew. Agency to Scandinavia, 61-64; publ.: articles on soc. & lit. subjects; The Stage & the World (Heb.), 73; Handeln und Zuschauen (German), 73; transl. 12 sci. books into Hebrew.

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RAPPAPORT, Zvi; Ph.D.; Chem.; Assoc. Prof. in org. chem., Hebrew U.; b. in Jerusalem, 24.9.36; ed.: M.Sc. (59), Ph.D. (62); postdoctoral work, U. of California (63-65); m. Sara; ch.: Ari, Anath; publ.: 75 papers in scientific periodicals; "Handbook of Tables for Identification of Org. Compounds", The Chemical Rubber Co. (67); on nucleophilic reaction on carb.-carb. double bonds etc., 64-69; The Chemistry of the Cyano Group, Wiley, 70.

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RASHKES, Moshe; author, screen-playing, writer; Co-Dir., Ilan Sport Centre for the Handicapped, Ramat Gan; b. 28, in Bialystok (Poland); to Isr., 31; w. IDF in the War of Lib. (citation of valour, Jerus. battle front, 48); chmn., War Disabled Veterans Org. (50-58); Isr. deleg. to Gen. Assemblies of World Veterans Feder. (51-58); founder &

first editor of "The War Veteran"; Israel deleg. to the founding assembly of Intl. Writers Guild (Cinema & Telev.), London, 66; delegate, Intl. Writers Guild 3rd Assembly, Moscow, 69; mbr. Board of Dir. Isr. Screen-play Writers' Guild; mbr. Natl. Council, War of Independence Disabled Veterans Org.; publ.: "Days of Lead". "Night Hunts Night", "Colaps".
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RATKIN, Nathan; Insurance specialist; pres., Nathan Ratkin Co. Inc.; pres., Am. Scty. f. Crippled Children in Israel; b. in Poland, 15.9.1900; att. NY U., grad. I. of Marine Insurance, English Litt. courses w. Dr. William Durant; m.: Felice Rosenberg, 23.12.29 (grad. courses Hunter Coll., City Coll., Abnormal Psych. Columbia U., School of Soc. Research); org. & pres. since inception of Am. S. f. Crippled Ch. (Alyn), 1950-; well-known philanthropist (Magen David Adom, Technion-Haifa, UJA, etc.); coll. to Youth Aliah funds, ORT, etc.; mbr., BB Anti-Defamation League; awarded, "Breath f. Life" (Red MD), Bronze Plaque f. Service to Cripples in Israel, etc.
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Bar-Ilan University, Ramat Gan; Dpt. of Heb. Lit.

RAUCH, Marshall Arthur; comp. dir.; Brd Chmn, Dir. & Treas., Pyramid Mills Co. Inc. & other comps.; b. 2.2.1923, NYC; ed.: Duke U., Durham, N.C.; m.: Jeanne Girard; ch.: John, Ingrid, Marc, Peter, Stephanie; mbr, Natl Cl., JDC, 68-70; Brd of Gvnrs, N.C. Jew. Home f. the Aged, 68-70; Dir., N.C. UJA Cabinet, 68-70; Chmn. Gaston Jew. Wlf Fund, 58-62, 68-70; p. Pres.: Temple Emanuel, Gastonia, N.C.; F. Goldberg Lodge, B'nai B'rith; 1st V.P., N.C. Assn, Jew. Men, 66; p. Mayor & Councilman, Gastonia City; N.C. State Senator, 29th Distr., 67-69; recip.: Combat Infantry Medal; Man of the Year, Gaston Co. Omega Psi Phi, 66; N.C. Health Dpt, 68; Natl Cl., Christ. & Jews Brotherhood Award, 69.
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RAVE (Reuss), Yitzhak; Dr. jur.; Judge, District Court, Tel-Aviv; b. Germany, 1906; educ.: Berlin U.; to Israel, 1933.
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RAVID (Rabinowitsch), Michael (Mischa); M.A.; eng.; agronomist; mbr., Hakibbutz Hameuhad Exec. C'tee; Dir., Dpt. f Ed. & Culture in the Diaspora, WZO; p. Consul Gen. (68-70), Los Angeles, USA; mbr Dir., Afro-Asian Inst.; b. Moscow, 5.4.1914; m. Hanna Kliger; ch.: Dan, Dov, Shelomo; ed.: U. of Algiers; w. the underground in Germany, org. Jew. immig. to Isr. ,after the rize of Hitler; to Israel, 1935; active in the Hagana & illegal immig.; Jew. Agcy missions to France & North Africa, 49; lecturer, Social Sciences, Hakibbutz Hameuhad & Teachers Seminaries; p. Ambass. to Guinea (63); on KH Mission to Scandinavia, 66; Publ.: The History of the Revolution, 1848; The History of the Parisian Commune.
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RAVID, Mordechai; M.D.; Snr Physician, Dpt. of Med., Scheeba Medical Center, Tel-Hashomer; Lctr in internal med., Tel-Aviv U.; b. Poland, 1938; to Israel, 1947; ed.: H.U. Hadassa Med. School, Jer.; m. 1963; 2 d.; Research-Assoc., Heller Inst. of Med. Res.; mbr, C.C., Assn of Govt. Physicians; teacher in the Post-Grad. School of Med., Tel-Aviv U.; author of: 20 medical publications in the fields of internal med., endocrinology & amyloidosis; the chapter "Medicine" in the Encyclopaedia of Education (publ. by Min. of Educ.).
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RAVINA, Alexander; physician; cnslt, Internal med.; Chief, Haifa Diabete Clinic, 69-; b. Germany, 9.11.1927; to Israel, 1932; ed.: H.U. Hadassa Med. Sch., Jer., grad. 54; 3 ch.; with Khushi Sch. of Med., Haifa; Rambam Nursing School, Haifa; Pres., Isr. Diabete Assn, Haifa branch; mbr, Sci. Cl., Isr. Med. Assn; w. H.U. Hadassa Med. School, Dpt. of Pathology, -57; Dep. Chief of Intern. Med., Dpt. A, Beer-Sheva Hosp.; Chief of Diabetes Clin., Beer-Sheva Nursing Sch., -69; p. pres., Isr. Diabetes Assn, Beer-Sheva branch; publ.: Internal diseases. Textbook for Nurses.
5, Givon St., Haifa.

RAWITZ, Ernest (Eliahu); soil scientist (physics) Ph.D.; snr lctr, H.U. Fcty of Agric., Rehovot; b. 23.6.1927, Czechoslovakia; to Israel, 1951; ed.: U. of Calif., Davis — B.Sc. (Irig. sci.), 51; H.U. Jer. — Ph.D. (soil sci.), 66; m.: Dorothy Tamar Mozes; s.: Daniel; d.: Judith; publ.: (w. D. Hillel) "Soil Water Conservation"; Chapter on Irrigation Methods in Arid Zones, 73; articles in the prof. lit.; initiated first study of oil-water relations of native veget. in Negev desert; found. mbr, dpt irig. of Volcani Inst.; coop.-res.: Cyprus Agric. Res. Inst.; State U. at Gent, Belgium; U.N. expert soil phys. & irig. Indian Agric. Res. Inst.; p. res. soil sci., USDA-ARS; p. adj. prof., Penn. State U.; p. snr sci., Volcani Inst. of Agric. Res., Bet Dagan; recip.: Phi Betta Kappa; Sigma Xi.
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RAYTAN, Moshe; Civ. Eng., B.Sc., M.Sc.; Sgan Aluf, IDF; b. in Bulgaria, 1931; att. Technion, Haifa; m.: Fanny Gershonova; to Israel, 1949; various assignments in the army, Eng. Corps; in charge of various building pro-

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RAZ, Naftali; communication engineer; Director C.D.C. Operations Israel, 1971-; Dir., Commer. Credit Serv. Isr. Ltd., 71-; b. Tel-Aviv, 30.9.21; educ.: Bialik High School, Haifa; 3 years higher studies, British Inst. of Engineering Technology, London; m.: Hanna Back; ch.: Noga, Hela; 38-40, Signaller, Hagana; 40-46, Radio Technician, R.A.F.; 46-48, Radio Technician, Hagana: 48-61, Signal Officer (Lt. Col.), IDF; 61-68, Area Gen. Mng. of Tel Aviv & Central Area, Post Office Engineering; 68-70, dep. dir., Engn Services, Isr. Post Office; 70-71, Gen. Mng, Control Data (Isr.) Ltd.
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RAZGOUR, Gad-Shraga; Econ. Confer., Jer., Min. of Finance; b. 11.5.1940; Jer.; ed.: H.U. Jer., B.A. (Gen History & Hist. of Jew. People and Pol. Sci.), 68; now stud. f. M.A. in Gen. Hist. & Criminol.; m.: Rachel Jacobi; w. P.M.'s Off. in the 1st Econ. Confer., 68; served Zahal; edit. & producer of programs (news, interviews, entertainment), Army broadcast., 69-71.
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RAZIEL-NAOR, Esther; M.K. (Gahal, Herut-Liberal Bloc); b. Russia, Dec. 29, 1912; m. Yehuda Naor; 3 s.; educ.: Teachers' Seminary, Tel-Aviv; to Israel, 1923; mbr., Supreme Command, IZL, 34-48; underground broadcaster & political commentator for IZL & "Kol Ha-Herut", 39-46; app. Head, Herut Parliam. Group, Dec. 1969.
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RAZILY, Haim; Retired businessman; p. Dir Gen. Min. of Transp.; Electra Ltd.; mbr., Exec. C'tee, Indep. Liberal Pty.; p. Vice-Pres., Intl. Diamond Manufacturers' Assn.; p. Pres., Intl. Aero Club, Israel Section; b. Russia, Sept. 9, 1896; m. Segula Backman; educ.: London School of Economics; to Israel, 1913; officer, Turkish Army, 17-18; organizer, gen. mng. of "Egged" Coop., 33-41; Govt. contractor for transportation, British Mandate; author: "Pioneers of the Road", 70 (Heb.); "The Jewish Colonial Trust" (Eng.); numerous articles on transportation.
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RAZIN, Shmuel; M.Sc.; Ph.D.; Prof. of Microbiology; b. in Tel Aviv, 1.2.29; m.: Yaffa Rothenberg; 2 s.; w. IDF, 47-48; back to Hebrew U., 49; grad. cum. laude M.Sc., 54; Ph.D., 58; post doct. work at Reading U. Eng., 58-59; Hebrew U. Lectr., 59; snr. lectr., 63; Visit. Prof. U. of Connecticut & Yale, 64-65; Assoc. Prof., 67; f. 69-70, Visit. Scient., Natl. I. of Health Bethseda, USA; invited to present papers, serve chmn. in several intl. congress & symposia; s. 53, at Hadassah, Hebrew U., Dpt. of Clinical Microbiology; publ.: abt. 70 scient. papers, 3 chpt. in books & 2 reviews (last, on the structure & function of Mycoplasma in Annual Rev. of Microbiology, 69; Scry., Isr. Microb. Socty., 66-69; Mbr., Intl. C'tee on Nomenclature of Mycoplasma; mbr., Adv. C'tee on Mycoplasma f. Bergey's Manual Trust.
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RECANATI, Daniel; banker; Chmn, IDB Bankholding Corp. Ltd.; Chmn & Mng. Dir., Israel Discount Bank Ltd.; Chmn, Brd of Dirs.: Barclays Discount Bank Ltd.; Discount Bank Investment Corp. Ltd.; mbr, Brds of Dirs: Cargo Ships El Yam Ltd., Industrial Development Bank of Israel Ltd., etc.; b. Salonica, Greece, 26.10.1921; to Israel, 1935; m. Mathilde Carasso; 1 s.; 1 d.; active in various philanthropical institutions.
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RECANATI, Jacob; M.Sc.; naval arch. & marine eng.; Joint Mng. Dr., Cargo Ships "El Yam", Ltd.; b. 24.3.23 in Salonica, Greece; ed.: Michigan U.; to Israel, 1935; m.: Elaine Rozin; ch.: Leon, David, Ariel.
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RECHTER, Yaacov; dipl. arch.; Dir., "Rechter-Zarhi Arch., Peri, Eng., Ltd."; b. 14.6.24 in Tel Aviv; ed.: Technion, Haifa (47); m. Hanna Maron, actress; designed, i.a., The Mann Auditorium, Binyanei Ha-Uma (Jerus.), Meier Hospital, Kaplan Hospital, Hilton Tel Aviv, Convalescent House in Nazaret, and others.
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REICH, Joseph; stomatologist; mbr, Exec. WJC (vice-pres. of French section); vice-pres., Consistoire Israélite de Lyon; mbr, Consistoire Centrale, Paris; b. 19.1. 1903, Rozwadow, Poland; ed.: Strassbourg U., M.D., 33; m.: Gertrude Heppenheimer; ch.: Laure, Eliane-Miriam; pres.: Talmud-Tora, Rhone-Alpes; hon. pres. B'nai B'rith; v. pres., Fond Social Juif Unifie (Lyon); deleg., last Zion. Congr.; p. pres.: Natl Cl., Gen. Zion.; Magbit, 49-; Zion. Fed., Lyon; found. J.A., Lyon.
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REICH, Karl; born 28.11.1919, Vienna; Joint General Manager, The Israel Development & Mortgage Bank Ltd.; education: Vienna U., Hebrew U., London; to Israel, 1938; married; 2 children.
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REICHAW, Meir (Reichbach Marian); mathematician; prof., dpt. of math., Technion, Haifa; b. 20.12.1923, Grodek Jagiellonski, Poland; to Israel, 1957; ed.: Wroclaw U. — M.Sc. in math., 50; Ph.D., 56; m.: Halina Sawicka; mbr: Am. Math. Soc., Isr. Math. Union; depty-assist., assist. & snr assist., Politechnika Wroclaw, 48-57; lctr, snr lctr & assoc. prof., Technion Haifa, 57-69; publ. math. papers in sci. journals; recip.: award f. achievements in sci. & didactic work, Politechnika Wroclaw, 55; snr foreign sci. fllwship by the Natl Sci. Fndn of the USA, 70.
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REICHMAN, Miriam A.; mbr: Jer. Chug, Mizrachi Women's of Am.; Ezrath Nashim, Isr.; Mercaz Harav Kook; Kamenetz Yesh., Isr.; Beth Oloth; held diff. offices in N.Y. (Yeshiva U. Women's Org. & Women's Branch; Un. of Orthod. J. Cngrns of Am. & Yeshiva Orgs; b. Colchester, Conn., USA; to Israel, 1971; ed.: Bacon Acad.; Connecticut Bus. Coll.; home studies; m.: Rabbi Solomon Reichman; 2 s.: Ephraim, Raphael; vice-pres., women's org.: Salanter Yeshiva, Bronx; Zichron Moshe Yesh., N.Y.; natl pres., women's league, Kamenitz Yesh.; exec. brd mbr, Fed. of Jew. Philanthropies NY; mbr: Am. Red Cross, March of Dimes, Pythian Sisters (p. chief); "Miriam Reichman Groves" planted in Isr.; citations: several from Mizrachi Women's Org., Yeshiva's & Fed. of Jew. Philanth.; "Woman of Valor", Bonds f. Isr., 69.
21 Ahad Haam St., Jerusalem; tel 69582.

REICHMAN, Solomon; Rabbi; Off. Repr., Un. of Orth. Rabbis of USA & Canada in Israel; b. 25.12.1900, Blonia, Russia; to Isr., 1971; ed.: ordained rabbi, Yeshivot Mir & Slobodka; Yeshiva U., 24; Ner Israel Rabbinical Coll., Baltimore — Dr. (Talmudic Law), 64; m.: Miriam Cutler; ch.: Ephraim, Raphael; rabbi in USA, 24-61; mbr, UJA, Bronx; found. & pres.: Sabbath Observance Assn of Gr. New York; Inst. f. High. Talmudic Learning & Res., Atereth Shlomo, Jer.; Brx Mizrachi reg.; Isr. Bonds; first vice-pres., Fed. Cl. of Isr. Instits; publ. Chiddushe Ha'Rambam on Chulin, with notes & comment., 54; Chiddushe Ha'Ritba on Sabbath, 63; awards from: State of Isr. Bonds; UJA; JNF; Bet Midrash Elyon, Spring Valley; Fed, of Jew. Philantropies, N.Y.
21 Achad Haam St., Jerusalem; tel. 69582.

REIF, Joseph Asher; Snr Lctr, Bar-Ilan U.; b. 28.7.1930, Philadelphia; to Israel, 1969; ed.: Gratz Heb. Coll., Phila.; U. of Penna. - B.A., M.A., Ph.D.; U. of Michigan; m.: Saura Golda Slobodkin; d.: Atara; 3 s.: David, Jonathan, Solomon; p. Acting Admin. Dir., Hillel Fndn, U. of Mich.; sci. linguist, Frgn Serv, Inst., Dpt. of State (Heb., Hindi, Urdu Lang. instruc.), 59-66; mbr: Linguist. Scty of Am., Am. Oriental Scty, U. Teach. of English; publ.: Heb. Basic Course (w. H. Levinson) US Gvt. Print. Off.; articles on linguist. & Semitics; recip. Jerusalem Certif., 50.
10 Andersen St., Petah-Tikva.

REINER, Ephraim; General Manager, "Teus", 68-; b. Jerusalem, 16.1.1924; ed.: Hebrew University, Jer., B.Sc. (Economy); m. Herzliya (2nd marriage), 71; 3 d.; 1 s.; in the years 42-69, mbr of Kibbutz Mishmar Haemek; p. officer, IDF.
82, Bnei Dan St., Tel-Aviv.

REINERT, Howard; Mbr., Brd. of Governors, Isr. Bonds; President, Reinert Co. Inc. (mbrs. NY Stock Ex.): b. NYC, 1.8.1927; educ.: Yeshiva of Flatbush, James Madison H.S., U. of NY; B.S. (Industr. Mngmnt.); m.: Marilyn Maze, 25.6.1950: ch.: Abe, Michael; p. Isr. Bonds Gen. Chmn. (twice), Dinner Chmn. (twice), Coordinator (5 yrs.); p. UJA, Initial Gifts Chmn. (3 yrs.), Dinner Chm. (2 yrs.); mbr. brd. trusees Teaneck Jew Center (9 yrs.), chmn. brd. of education (5 yrs.); mbr. Dinner

C'tee f. Hebrew U., Yeshivah U., Boys Town of Jerusalem; recipient: 1st Am. Award P.M.'s Medal f. Israel Bonds, 1966.
711, Camperdown Rd., Teaneck, N.J. USA.

REIS, Max Walter; Ph.D., Chem. Eng.; Mng. Dir., Chemicals & Phosphates Ltd.; b. Berlin, 18.10.1927; to Israel, 1956; ed.: Imperial College, London; m. Michal Goren; s.: David, Jonathan; p. Gen. Mng. Miles Laboratories Israel Ltd., 66-71; Pres., Haifa Lions Club, 67-68.
21, Panorama Rd., Haifa; Tel. 04-81156.

REISFELD, Renata; Chemist, Ph.D.; Snr Lctr (chemistry), H.U. Jer.; b. Poland; to Israel, 1950; ed.: High Sch., Poland; H.U. Jer., Ph.D.; m.: Eliezer Sobol; 2 s.: Dani, Gideon; 60 sci. articles in the field of the solid state, etc.: p. counsel, science-based industries; edit. mbr, "The Diffusion Date"; research-work for the USA Army; projects from N.B.S.
10/A Strauss St., Jerusalem; tel. 223751.

REISS, Anselm; mbr., Presidium, Zionist A.C.; mbr., WJC's exec. c'tee; b. Jaroslav (Galic.), 11.11.1886; m.; ed.: Lwow, Vienna Technical High School; to Israel, 1925; deleg. to Zionist congresses; p. Secr., Con. Brith Ihud Poalei Zion, 29-39; Vice-Pres., C'tee for Rescue of Polish Jews, established by the Polish Govt. in Exile, London, 44-46; pres. judicial bodies of the Histadrut.
8, Feivel St. Tel-Aviv.

REISS, Rafael; M.D., surgeon; Snr Lctr, Tel-Aviv U. Med. Sch.; Dir., Dpt. of Surgery, Meir Hosp., Kfar Saba; b. Poland, 17.12.1927; to Israel, 1939; ed.: U. of Paris; m. Ruth Perl; 2 ch.; mbr: C.C., Isr. Med. Assn; Exec. Cl., Isr. Surgical Scty; publ.: Hypothermia in the Treatment of Burns (Thesis, Paris U.), 55; Demonstration of Carcinoma Cells in the Bloodstream, 59; Supra-Valvular Stenosis of the Aorta, 59; Vagotomy and Pyloroplasty for Duodenal Ulcer, 61; Treatment of Acahalasia by Modified Heller's Procedure, 66; Extra Appendicular Carcinoid Tumors of the GI Tract, 68; other 25 sci. publications.
Meir Hospital, Kfar Saba.

REITER, Allen; Assoc. Prof. & Head, Computer Sci. Dpt., Technion Haifa; mbr, High. Cl. on Automation in the Gvt.; b. 12.6.1936, Poland; to Israel, 1969; ed.: U. of Wisconsin, Ph.D. (Math.), 65; m.: Susan Feldman; 3 s.: Tsvi, Daniel, Jesse; p. res. sci., Lockheed Aircraft Corp., Calif.; mbr: Isr. Inform. Processing Assn; Assn f. Computing Machin.; articles & techni. reports in computer sci. & math.; recip. Phi Beta Kappa.
18 Watson St., Haifa.

REMEN, Eliezer; M.D., gynaecologist; obstetrician; b. Bialystok, Oct. 9, 1907; m.: Frida Feurstein; ch.: Dr. Yona Laor, M.D.; Dr. Uriel Remen, M.D.; Dr. Daniel Remen, M.D.; ed.: Jena U., Cologne U.; to Israel, 1933; founder, Maternity Hosp., Petah Tikva, 34; chairmn Magen David Adom, Petah T.; Vice-Chairm. & Secr. of Med. Assoc., Branch P.T.; publ. medical essays; invented Glucocoll cure & compound of Glychepar for treatment of Myasteнia Gravis.
102 Rothschild St., Petah Tikva.

REMEZ, Aharon; Chmn, Isr. Ports Authority, since 70-; p. Ambas. to the Court of St. James, England; b. Tel-Aviv, May 8, 1919; m.: Rita Levy; 3 d.; 1 s.; educ.: Harvard Business School; Public & Int'l Affairs, Woodrow Wilson School, Princeton; R.A.F. fighter pilot, 42-47; mbr., Kibbutz Kfar Blum; 47; Commander, Israel Air Forces, 48-51 (rank of Brig. General); studies in USA, 51; dir., Supply Mission, Ministry of Defence, USA, 52-53; Mng. Dir., Solel Boneh Koor Industries & Crafts Co. Ltd., 54-59; M.K. (Mapai), 55-57; Dir., International Cooperation Dpt., MFA, 60-65; articles on aviation, management & political topics.
8, San Martin St., Jerusalem.

RENNERT, Gershon; painter; art teacher, ORT schools, 1959-; born in Mannheim, Germany, 10.3.1929; to Israel, 1935; ed.: Smnry f. Art Teachers', High School of Art; m. Ruth Klinger; ch.: Adi, Iris; mbr, Isr. Paint. & Sculpt. Assn; part. in 23 collective exhibitions; 11 one-man exhibs.
37, Katzenelson St., Givatayim; Tel. 251580.

RESHEF (Wurmbrand), Eliezer; Director, Head Office, Jewish National Fund (K.K.L.); b. Bucharest, Febr. 16, 1907; m.: Sabine Weber; s. Uriel; on several Zion. & JNF missions to Europe, North-Africa, etc.
8 Haportzim St., Jerusalem; Tel. 33650.

RESHEF, Yaakov; Biblical & Talmudic zoologist; Dir Gen., "Neot Kedumim — the Gardens of Israel"; b. in Petah-Tikva, 24. 6.1937; studies Hakibb. Teachers' Smnry & Tel Aviv U. (biology); m.: Nurit Trevgoda; 2 s.: Rimon, Hadass; d. Tamar; p. Instr., Kibbutz Mishmar Hanegev, 59-60; Assist. Dir., Kfar Yehoshua-Field Educ. Centre, 61-64; founder, "Neot Kedumim" as a natl. bibl. & talmudic park (on 400 acres in Modiin, 65; Dir. Gen., "Neot Kedumim", N.Y., 71-; Ed. Advis., "Salute to Israel parade", N.Y., 70; org. mobile exhibits, ed. audo-visual material, develops teaching material of Neot Kedumim; prepared, jointly with Nogah Hareuveni, color slides & documentary films on various topics, related to ancient flora, etc.
6, Hashikma St., Kiron; Tel. 759796.

RESHEF, Yehouda; Colonel (res.); Dir. Gen., Israeli Railways, 72-; b. 1926, Haifa; m.: Miya; 2 d.; served Jew. Brig., -46; during War of Indep., w. Carmeli Brig., partic. at battles in West. Galilee, Ako, Genin; var. assignments in Zahal - i.e. c/o Platoon Command. Course, Operations Off. in South. Command; c/o Infantry

Brig., dur. 6 Days War; c/o Brig. in attrition war & Chief of Oper., Gen. Staff.
52 Hagilgal St., Ramat-Gan; tel. 786325.

RESNICK, William; B.S.; M.S.; Ph.D.; chem. eng.; Chmn. of Dpt. & Prof. of Chemical Engineering, Technion; b. Chicago, Sept. 10, 1922; m.: Marcia Weiss; ch.: Shlomo, David, Sara, Karen; educ.: Purdue & Michigan U-ies; Assist. Prof., Chemical Engineer, Illinois Institute of Technology, Chicago, 47-50; snr. lctr., Technion, 51-56; snr. project eng., Standard Oil Co.; research and publications on Heat & Mass Transfer, Polymers, Process Dynamics.
20, Yearot St., Haifa.

RESNIKOFF, M. Bernard; profess. social worker; mbr. Acad. of Certified Soc. Workers; Dir., Isr. Office, A.J.C., 69-; b. New York, April 1918; to Israel, 1966; ed.: B.A. (English lit.); M.A. (Soc. Work, Relig. Soc. Serv., Educ.); Dr., Sociology of Educ.; m. Violet Levine, 1942; ch.: Diane, Phillip, Seth; p. Exec. Dir., Jerusalem YM & YWHA; mbr: Brd of Dirs, Yavneh Cngrn; Public Cl. f. the Advancement of Educ. in the Druze Community; Public Cl. f. Adult Educ.; Natl Conference of Jew. Communal Serv.; staff-mbr, Natl Jew. Welfare Brd. USA; Wld Fed. of YM & YWHA; Natl "Ramah" Comm., Jew. Theol. Smnry of Am.; brd-mbr: Scty of Friends of Abu-Ghosh; Jer. Munic. Assn f. Song & Dance.
9 Ethiopia St., Jerusalem; tel. 228862, 233551.

REUVENY, Jacob; Ph.Dr., Snr Lctr, Bar-Ilan U. (Pol. Sci.) & Tel-Aviv U. (Devel. Countries Dpt.); mbr, Isr. Assn f. Labor Relations; b. 16.7.1932, Shaulen, Lithuania; to Israel, 1945; ed.: prmry, scndry — Ramat Gan; Sch. of Law & Econ., T.A. (LL.B., 56); H.U. Jer. (Publ. Admin. & Law LL.M., 60); U. of Pittsburgh, USA, Ph.D., 66; w. the staff of Civil Serv. Com., 55- (intermittently); partic. in research of the Horowitz-Inst., Tel-Aviv U.; major res. projects: mbr, study group on Isr. Techn. Assist. to African countries, 69-71; mbr & coordinator of res. group on structure & probl. of Latin. Am. Jewry, 71; publ.: The Dynamics of Organization, 70; Aspects of the Isr. Foreign Policy; The Other Powers, London, 73; forthcoming: The Israeli Civil Service (Heb.).
8 Harishonim St., Petach Tikva; tel. 904490.

RIBALOW, Harold U.; writer, editor, journalist; N.Y. publicity dir., Development Co. f. Israel; b. 1919, Kiev, Russia; ed.: Talmudic Acad., Herzliah Acad., N.Y. U., B.A., 42; m.: Shoshana Shuck; ch.: Reena, Meir Zvi; publ. dir., Gt. N.Y. C'tee f. State of Isr. Bonds; fiction judge f. Jew. Book Cl.; p. mbr, edit. brd, The Reconstructionist; edit. Indep. Jew. Press Serv., 41-42; mng. edit.: Congress Weekly, 46-49; New Palestine, 49-50; American Zionist, 51-53; sports columnist JTA; publ. books on Jews in U.S.A., contrib. to: Encycl. Judaica, Jerusalem Post, NY Times, Nation, Jewish Post, Hadassah Magazine, Pioneer Women.
108 E. 86th St., New York 10028, USA.

RICHMOND, Amos E.; biologist, Dean, Fcty of Natural Sci., University of Negev; Chmn, Dpt. of Biology, U. of Negev, Beer-Sheva, 70-; ed.: UCLA, M.Sc., 56; Michigan State U., Ph.D., 63; m. Miriam Rosenfeld, 1959; s.: Ohad, Itamar; publ.: papers in sci. journals on plant physiology topics, 57-.
19, Poalei Binyan St., Beer-Sheva; Tel. 6304.

RICKLIS, Meshulam; Gen. Chairman of the 1971 UJA Campaign of Gt. New York; Vice-Chairman of the Founders of A. Einstein Coll. of Medicine; Dir. of Outward Bound; mbr of the Exec. C'tee of the Board of Dirs, J.T.S.; associate trustee of the North Shore Hosp.; member of the Board of Overseers of Weizmann Inst. in Israel; mbr of the Young Presidents' Org.; recip.: the Anti-Defamation League "Man of Achievement" Award, the "Distinguished Achievement" Award from N.Y. University, the "Eternal Light" Medal from the J.T.S., the "Commander Cross of the Knights of Malta", and a "Horatio Alger" Award (69) from the American Schools and Colleges Assn; Pres. & Chmn of the Board of Rapid-American Corporation, Vice Chairman of the McCrory Corporation, and Chairman of the Board of Glen Alden Corporation.
New York, USA.

RIEMER, Schlomo; econ.; snr lctr, Tel-Aviv U., 66-; b. Berlin, 2.4.1925; to Israel, 1949; ed.: London School of Econ., 47-49, B.Sc. (Econ.); King's Coll., U. of Cambridge, 58-61, Ph.D. (Contab.); divorced; d. Ruth; w. Min of Finance, 49-53; Econ. Advisory Staff, 53-55; econ. editor, Encycl. Hebraica, 55-58; econ. advisor, Liberal Pty, Knesseth faction, 62-64; book: The Quest for Security, A Voyage of Exploration into the Vast Reaches of Inner Space, 70; The Complete Oedipus Complex, Jer. (English), 72; The Psychology of Love and Guilt, Tokyo (Japanese), 73; mbr of research team on Israel-Africa Cooperation, Tel-Aviv U.; recip.: S.B. Cohen Research Studentship, King's Coll., 58-61; Stevenson Prize, Cambridge U., 58.
17. The Cottages, Katamon 9, Jerusalem.

RIESMAN, Shlomo; Assist. to the Dir. Gen., public relations off., Farmers' Federation; b. Tel-Aviv, 26.12.1934; ed.: Tel-Aviv U. (2 years); courses "Choug Lemenahalim", Tel-Aviv U., 55-56; m. Techia Meltz, 1959; s. Yoav; d. Nourit; p. journalist, "Haboker" daily; contrib. to "Maariv"; mbr, leading bodies of the Lib. Pty (Gahal); "Maccabi Hatzair", Israel.
2, Itamar St., Ramat-Gan; Tel. 727557.

RIFTIN, Jakob; mbr, Secr., "Movement for Independent Zionist-Socialist Left." 69-; p. mbr of Mapam Secr.; b. 3.3.1907, Poland; m. Genia Jones; 3 s.; mbr, Central

C'tee, Hashomer Hatzair, Hehalutz, Poland; to Israel, 1929; delegate to several Zionist congresses; numerous missions abroad, on behalf of Labor Movement; mbr. Security C'tee of the Vaad Leumi, -48; mbr, Knesset, I-V.
Kibbutz Ein Shemer.

RIGAI, Ariel; farmer, painter; b. Italy, 4.11.1921; to Israel, 1925; ed.: secondary school, Tel-Aviv; H.U., Jer. (Math.); one-man show, Z.O.A., Tel-Aviv, 71; part. in several coll. exhibitions.
Avichail, Tel. 053-23972.

RIM, Yeshayahu; Ph.D.; Assoc. Prof. of Psychology; Head, Industrial Psych. Lab., Technion, 56-; b. Czernowitz, 21.4.1922; to Israel, 1944; ed.: H.U. Jer., U. of London; m. Shulamit Kleerberg, 1950; d.: Carmela, Orna; p. with Isr. Inst. f. Applied Soc. Res., Jer.; mbr: Isr. Assn of Psychologists, Intl Assn of Appl. Psych.; publ.: 2 books, about 50 papers, in Isr. & intl sci. periodicals.
46, Shoshanat Hacarmel, Haifa.

RIMALT, Elimelech S.; Ph.D.; M.K. (Gahal); Chmn, Liberal Pty of Isr., co-Chmn, Natl Exec. Cherut-Liberal Block (Gahal); p. Min. of Posts; p. Chmn, Lib. Workers Group in Histadruth; in Knesseth: Chmn, Education & Culture Committee; Member of the Com. Foreign & Security Affairs; b. Bochnia (Poland), Nov. 1, 1907; m.: Wilma Gelman; 2 s.; educ.: Vienna U.; Rabbinical Seminary, Vienna; Rabbi of Jewish communities in Tyrol & Voralberg (Austria), 33-38; to Israel, 1939; Dir., Educational Dpt., Ramat-Gan Municipality; deleg., Jewish World Congress, Geneva, 1953; mbr., Israel delegation to General Assembly of the UNO, 1956, 1958; author of "Wechselbeziehungen zwischen dem Aramaeischen und Neubabylonischen"; "Zur Lautlehre des Neubabylonischen" published in "Archiv fuer Orientforschung", Berlin, 1933; articles in scientific periodicals & Zionist press.
19 Ha'am Hazarfati Blvd., Ramat-Gan; Tel. 790507.

RINOTT (Reinhold), Chanoch; M.A., Ph.D.; educationalist; Dir., Centre f. Jewish Education in the Diaspora, Hebrew U.; b. Tarnov, March 1, 1911; m.: Shulamith Gruen; 1 s., 1 d.; educ.: Berlin, Vienna and Jerusalem U-ies; leader of youth movements "Kadimah" and "Habonim", Ein Harod, 34-36; inspector of educ,. 39; educ. director of youth immigration, 51; p. Dir. Gnl. Min. Ed. & Culture (60-67); Co-Chmn. Intl Conf. of Jew. Comm. Serv.; author of "Noar Boneh Beito", "Joseph Salvador"; numerous articles on educational topics.
56 Gaza Rd., Jerusalem; Tel. 32436.

RINOTT, Moshe; M.A.; Ph.D.; Dir., Educ. Stud., U. of Haifa; b. Vienna, 1917; to Israel, 1935; educ.: Hebrew U.; m.: Rahel-Carla Glaser; 2 s.; 2 d.; officer, Jew Brigade Group, British Army, world war II; regim. comm. off., IDF, Jerusalem battle front, 48; mbr., Israeli-Jordan Armistice Comm., 49; 1st director of Jew. Agcy's Institute f. Frgn. Instructors, 49-55; Dir., Education & Culture Dpt., Haifa Municip., 56-69; pres. pos., 69-; mbr., Haifa Educational Assn. & on various c'tees in connection with educ., publ.: Hilfsverein der deutscher Juden; Creation & Struggle; Gabriel Riesser; various articles in Education.
21, Oren St., Haifa; Tel. 241634.

RIVLIN, Asher Eliezer; M.A., Ph.D., snr lctr in education; Dir., Dpt. of Educ., Tel-Aviv U., 68-; b. Jerusalem, 1921; ed.: HS & Teacher Training Coll., Mizrachi, Jer.; H.U., Jer.; U. of Capetown, S.A.; m. Temima Agranowitz, 1946; s. Shai; mbr: Mngmnt C'tee, Isr. Broadcast. Serv.; Cl. of Trustees, "The Cameri Theatre"; C'tee of Wrld Jewish Educ., WZO; Mngmnt C'tee, "Rivlin Historical Research Institute", Bar-Ilan U.; p. dir., dpt. of ed. & culture, Nathanya Mun.; p. dir., Cape Board f. Jewish Education, Capetown; publ.: "Achad Ha'am and his opponents, in dispute about trends and modes of modern Hebrew literature", 53; "Curriculum and Syllabus for Hebrew Schools", 62; "Yom-Yom", new approach to teaching Heb. to adults, 63; "Controversy in Poetry", 66; "Didactic Key, to the teaching of the short story in the high schools", 69; "Introduction to Methods of teaching literature in the high schools". 70; "Nachlat Shivah — a Centenary", 71; articles, papers & teaching books; award: H.U. & T.A. Mun. "Klausner Prize", f. research in modern Heb. lit., 53.
39, Ussishkin St., Nathanya.

RIVLIN, Avraham B.; econ.; Dir., Dpt. of Org. & Admin., Kupat Holim Maccabi; mbr: Israel Management Center; Public Relations Assn of Israel; Israel Assn f. Public Health; b. 14.2.1926, Jerusalem; ed.: School of Polit. Sci., P.M.'s Office, 53-54; H.U. Jer. (Econ., History of the Islamic People), 56-58; m.: Adela Yakir; ch.: Yuval, Ephrat; Chief Assist. to Dir. Gen., Min. of Development, 55-60; Dir. Institute for Petroleum Res. & Geophysics, 61-69; Pres., "Ono" Lodge, B'nai B'rith, 67-68.
9 Rothschild St., Kiryat-Ono; tel. 753944.

RIVLIN, Haim Hilel; Dir. Gen., Friends of H.U. Assn in Israel; lctr on P.R., Coll. of Business Admin. of the Histadrut; b. 1919, Jerusalem; m. Esther Benjamini; ed.: Teachers' Seminary, Jerus.; Hebrew U. courses in educ. and polit. sciences; p. teacher (Jerus., Nathania); co-founder, Youth Org. Ben-Al (IZL), 41-43; on mission to Zion. youth in Britain (50); p. Gen. Mng. Britannia-Israel Invest., London; service with Isr. Air Force; owner, PR Office (54-67); mbr. polit. comm. of Liberal Pty.; p. chmn., Propaganda dpt., & mbr. exec. c'tee, Liberal Pty.; Pres., Council of Isr. Scty of Periodicals Editors'; mbr, brd, Public Relat. Assn of Isr.; publ.: "Hazon Zion", a history of the first settlers in Palestine.
10, Zichron Yacob St., Tel-Aviv.

RIVLIN, Moshe; Director General, Jewish Agency, Jer., 66-; elected Dir. Gen. of Reconstituted J.A., 71; assoc. mbr, Exec. of WZO; p. Dir., Jewish Agency Information Department, 58-60; in addition, Jewish Agcy's Secretary General, 60-68; head, Admin. & PR Dpt. thereof; b. in Jerusalem, 1925; educ.: Teachers' Seminary & grad. "Aluma" Instit. for Jewish Studies & School f. Political Science, Jerusalem; elected chmn., Council of Zion. Youth Organizations; service in IDF, War of Independence (rank of Major); Israel Consul, New York, USA, 55-57; broadcaster & political commentator; lectures & writes on Zionist & Jewish topics.
The Jewish Agency, POB 92, Jerusalem.

ROBINSON, Calvin; lawyer; educator; author; b. 18.9.1905, Lowell, Mass.; ed.: Northeastern U., J.D.; Boston U., LL.M.; m.: Sylvia Berman; ch.: Richard B., Marjorie D. Oolie; mbr, Admin. C'tee, ZOA, New England Reg.; founder & treas., Jew. Commty Chest; Chmn, Lowell Jew. Commty Cl.; trustee, Lowell City Library; dir., Lowell Pastoral Counsel. Serv.; Emergency Adjustment Serv. to ex-offenders; mbr: Am. Bar Assn; Am. Judicature Scty; Bigelow Assn of LL.M.'s; Boston U. Law Sch. Assn; Acad. of Pol. Sci.; Gen. Chmn, 69 & Co-Chmn, 70-72, State of Israel Bonds, Lowell, Mass.; founder, 29 & Dir., 29-70, Robinson Bar Review, Boston; lctr, Bus. Law, Am. Inst. of Banking, 44-46; Practical Psychol., 30-; conducted own radio prog.; guest on TV & radio progs (includ. Edward R. Morrow's "This I Believe"); author, "Give Yourself One Day"; active in ZOA, UJA, B.B., AJCN; recip., Tower of David Award, State of Israel Bonds, 70.
174 Central St., Lowell, Mass., USA.

ROBINSON, Donald M.; Pres. United Jewish Federation of Pittsburgh; member of the UJA Exec. Committee and Natl Campaign Cabinet; Vice Pres. of the Pittsburgh Fed., 65-68; served as UJF Camp. Chairman during both the crucial 1967 campaign and in 1968; Vice Pres. of Montefiore Hospital, 66-69; on the board of the Israel Bond Organization in Pittsburgh; Past Chairman of Israel Bond Man of the Year; Chairman of the Israel Gold Tournament since it began eight years ago; active campaigner for the United Fund; one of 350 in Pittsburgh who were recently re-elected to the honorary post of "Annual Member" of the Fund; Pres. of White Cross Stores, Inc., a chain of retail drug stores operating in 12 eastern states.
Pittsburgh, Pa., USA.

ROBINSON, Eliezer; M.D.; Assoc. Prof., Haifa Technion Med. Sch., 72-; Head, Dpt. of Oncology, Rambam Hosp. Haifa, 68-; b. Vienna, 17.6.1931; to Israel, 1940; ed.: advanced training — in Immunology, Hadassa Hosp., Jer.; Royal Cancer Hosp., London; m.; 2 s. & 1 d.; Snr Lctr in Oncology, H.U. Hadassa Med. Sch. (p. chief physician, dpt. of oncology); oncolog. cnslt. to the Naharya & Poria Hosps.; mbr: Isr. Radiological Assn, Isr. Assn of Nuclear Med., Isr. Cancer Assn; 85 publications in Israeli & intl medical journals.
27, Hatichon St., Neve-Shaan, Haifa; Tel. 224141.

ROBISON, Adolf C.; industrialist, Pres., Robison Industries Inc.; b. 24.2.1904, NYC; ed.: Columbia U., B.A.; m.: Ann Green; founder & mbr, Natl Brd of Gvnrs, Israel Bonds; mbr, Brd of Dirs, P.E.C. Isr. Econ. Corp.; V.P., Am.-Isr. Cultural Foundation; Dir., NJ State Brd, Histadrut; Jerusalem Found.; mbr, Brd of Gvnrs, NY Cultural Cent.; Brd of Dirs, Bergen Co. Chamber of Comm.; Exec. C'tee, Brgen Co., Natl Conf., Christians & Jews; Military Order of the Loyal Legion; treas., NY Commandery of USA; mbr: Brd of Gvnrs, Hackensack Hosp., NJ; Brd of Overseers, Fairleigh Dickinson U.; p. Pres.: Teaneck Jew. Commun. Cen.; Israel Speaks, publication; Chmn, Material f. Israel Brd; mbr, Exec. C'tee, Natl Found. f. Jew. Culture; p. Pres.: Bergen Co. Symphony Scty; Teaneck Commun. Chest; p. Councilman, Teaneck City Cl.; p. Chmn, Brd of Fllws, Fairleigh Dickinson U.; Off., Haganah, War of Independence, 47-48; recip., Military Decor., Itur Lochamey Israel; Hon. LL.D., Fairleigh Dickinson U., 66; Kyung Hee U., Seoul, Korea, 68; Command. of the Star of Africa, Liberia Republic, 71.
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ROBISON, Ann; writer; teacher; V.P. Robison Textile Co. & other firms; Robison Foundation; treas., Robison Anton Textile Comp.; Dir., Robison of Canada, Ltd.; V.P., Intl Cl. of Jew. Women; Chmn, Intl Aff. — N.C.J.W.; treas., Natl Jew. Commty Relations Advis. Cl.; b. 19.11.1904, New York; ed.: Maine U., B.A.; Columbia U., M.A.; Women's Inst., J.T.S.; m.: Adolf Robison; ch.: Peter Jordan, Michael Douglas; mbr: Brd & Exec. C'tee, Am. Lung Assn, NJ, Bergen & Passaic Co.; Exec. C'tee, Am.-Israel Public Aff. Comm.; Commun. Adv. Comm., Cen. f. Soc. Work & Appl. Soc. Res., Fairleigh Dickinson U.; Brd & Task Force on Program Evaluation, YMHA, Bergen Co.; Governing Cl., Am. Assn f. Jew. Educ.; Brd, Am. Histadrut Cultural Exchange Inst.; Cabinet, Teaneck State of Israel Bonds; Brd & Intl Aff., Republican Women Club, Bergen Co.; Chmn, Comm., Natl Confer. f. Soviet Jewry; Second Summit Confer. on N.C.J.W., Isr.; Flwships, Am. Assn, Univ., Wom.; Life Mbr, N.C.J.W.; Hadassah; A.A.U.W.; Brandeis U., Women Assn; Brd, Commun. Museum, Bergen Co.; Mbr, UN Assn; Women Voters League; Jew. Commun. Cen. Sisterhood; Pioneer Women; O.R.T.; Dames of Loyal Legion of USA; Hist. Scty, NJ; Women Guild, Bergen Co. Philharm. Scty; Repr. at Pres. Confer., Major Am. Jew. Orgs; contrib. to: Jewish Standart; Bulletin of Am. Friends of H.U.; U.N. News f. Women Broadcasters; Tarbut Am.-Isr. Cult. Fndn; House Org. of N.C. J.W;. Annual Report, Pres. Confer. of Major Am. Jew. Org's, TV & radio broadcasts; recip.: Women of the Year, UJA & YM-YWHA; Brandeis Award, ZOA; Scroll f. H.U.; Couple of the Year, Jew. War Vets., Rutgers U.; JNF Citation of Hon.; Medal

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RODAN (Rosenblum), Mendi; conductor; Chief Conductor & Musical Dir., Israel Brdcst. Authority Symphony Orchestra; founder & permanent conductor, "Jerusalem Chamber Orch." (Kol Israel); Prof. & Pedag. Dir., Rubin Acad. of Music, Jerus.; guest conductor, Israel Philharmonic Orch., Haifa Symphony Orch., Ramat-Gan Chamber Orch. & Israel Chamber ensemble; b. Rumania, 17.4.29; m.: Judit Calmanovici; s.: Aviad; ed.: Conservatoire & Art Institute, Bucharest; p. perm. conductor, Radio & T.V. Orch. Bucharest; concert tours as guest conductor & w. Kol Israel Chmb. Orchestra in Europe, U.S.A., Australia, Philippines.
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RODAN, Yehuda; art. painter; b. Oradea, Rumania, 15.8.1916; to Israel, 1961; ed.: med. studies in France, 33-35; painting schools in Oradea & Budapest, 35-39; m. Edith Berkovits, 1922; d. Jehudit; Chmn, Rumanian Painters Un., Oradea Reg., 53-58; mbr, Isr. Painters & Sculptors Assn; part.: annual exhibs organized by Painters Un., Oradea, 53-58; one-man shows; Tel-Aviv — Katz Gall., 63; "Hayarkon 91" Gall., 65; Halevy Gall., 67; New-York — Greenfield Gall., 68; Herzl Inst. Gall., 69; Toronto, Kar Gall., 69; Haifa, Beit Chagall, 70; exhib., group shows, in USA, Canada, Australia, Israel, 65-; award: Nordau Prize, 1967.
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RODMAN, Morris; member of the UJA Natl Campaign Cabinet; pres. of the Exec. Board of the Greater Washington UJA, 67; Chairman of the UJA Campaign for Gt. Washington, 66; Advance Gifts Chairman, 65; member of the Exec. Board of the Jew. Community Council and Board of Jewish Education, both of Washington, D.C.; mbr of Committee on Fed. Planning f. Jewish Education of the CJFWF and Natl Board of the American Association of Jewish Education; was for six years, the president of Radio Station WGMS in the capital city; attended John Hopkins U. & the U. of Maryland.
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ROFE, Moshe; Town Clerk, Haifa Mun., 52-; b. 1916, Syria; to Israel, 1935; ed.: scndry sch. & Law Sch.; worker, 35-38; w. Jew. Settle Police & Mandatory Police (as investig. & attorney), 38-45; joined Haifa Munic. as translator, 45; secr., Mun. Cl., 47; Dep. Town Clerk, Haifa, 51.
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ROMIROWSKY, Harold J.; Rabbi, Oxford Circle Jew. Community Center; mbr: Brd of Dirs., ZOA; S. Schechter Day Sch., Brd, Jew Community Relat. Cl., Northeast Distr.; Speaker's Bureau, Jew. Wlfr Brd; Youth Comm., Un. Syn., Am.; Jew. Family Service; Natl C'tee f. Coll. Youth; Natl Atid Symposium; b. 7.1.1922, NY; ed.: Roosevelt Coll., Chicago; J.Th.S., Rabbi, 48 & M.H.L.; m.: Blanche Shoulson; ch.: Mitchell, Samuel, Reuben Levi; p. Pres., Rabbinical Assbly, Phila. Branch; Northeast Zion. Distr.; p. mbr, Rabbin. Cabinet, J.T.S.; contrib. to Jew. periodicals; lctr, radio & TV, schs etc.; recip.: ZOA Awards; State of Israel Bond Award; Legion of Hon. Award, Chapel of 4 Chaplains, etc.
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RON, Amiram; Prof. of Physics, 68-; mbr: Exec. Brd of A. Khushi Med. Sch.; Steering C'tee of the Academic Senate, Technion; b. Israel, Sept. 1930; ed.: B.Sc., Electrical Eng. (Electronics), 55; Dipl. Ing., El. Eng., 56; M.Sc. Physics, 58; D. Sc., Physics, 60; m. Dr. Arza Kanovich, chem., 1953; s. David; d.: Ruth, Dana; Princeton U., New Jersey, 61-63; U. of California, La Jolla, 63-64; Assoc.-Prof., Technion, 64-67; Visit.-Prof., UCLA, 67-68; mbr: Israeli Physical Scty, Am. Phys. Scty; scientific publications in American Solid State Physics, Low Temperature, etc.
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RONEL, Shalom; Certified Public Accountant; partner: Ronel, Stettner & Co., C.P.A., 50-; b. Haifa, 1921; ed.: Reali Sch., Haifa, 34-38; Public Accounting, 45-50; m. Shoshana Cohen, 1947; d.: Orna, Neta; s. Ilan; Lctr, Accounting & Cost Accounting, Haifa U., 52-60; Pres., Inst. of Publ. Accounts Isr., 65-68; Chmn, Account Brd of the Institute of C.P.A.'s in Isr., 68-69; mbr: Isr. Auditors' Board; Isr. Securities Authority; Natl Assn of Accountants, USA; Am. Acc. Assn; Lions Club, Haifa; publ.: reports — Accounting Principles as applied to aspects peculiar to Developing Countries, 67; The Relations Between Tax Systems and the Economic Development of Underdeveloped Countries, 68; Notes on Auditing, 65-66; professional articles & lectures; citations: "Aleh", "0th Hakomemiyut", "Oth Sinai", "Oth Sheshet Hayamim".
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ROSAN, Samuel D.; life insurance cnslt; C.L.D.; L.H.D.; very active in UJA of Gt. N.Y. (found., Life Div., 39); b. 29.11.1900, Bialystok, Poland; in USA, 1902-; ed.: grad., Life Ins. Sales Res. Bur., 40; hon. deg. Philathea Coll., 66; m.: Miriam Roseman (div.); 2 s.: Howard, Robert; 2nd m.: Juliette Hasson; Assist. Vice Pres., Standard Security Life Ins. Co. of NY, supt of agents; p. Chmn, Life Underwriters Assn NYC; p. Pres.: Life Supervisors Assn of NYC; Indep. Ins. Brokers Assn of Bklyn; mbr: Ins. Fed. NY; ins. div., Am. Arbitration Assn; Pythagoras Club (p. pres.); B'nai B'rith NY Lodge 1; Bialystoker Home f. Aged; UN Assn of NY; US Comm. f. Refs; Golden Key Scty; Am. Scty f. Chart. Life Underwriters; etc.
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ROSE, Herbert H.; Rabbi; M.H.L.; D.H.L;. spiritual leader, Temple Or-Elohim, Jericho, NY; Chmn, Laison C'tee w. the Conservative Mov. on behalf of C.C.A.R.; b. 1929, Brooklyn, NY; ed.: Cincinnati U., B.A., 50; B.H.L., 53; M.H.L., 55; D.H.L., 62; m.: Esther Burgin; ch.: Judah, Ben Zion, Eve; mbr: L.I. Brd of Rabbis; C'tee, L.I. Comm. of Jew.-Catholic Relat.; ZOA; treas., NY Brd of Rabbis; Chmn, L.I. C'tee f. Soviet Jewry, 65-66; L.I. C'tee f. Israel, 67; Pres. L.I. Assn of Reform Rabbis; NY Assn, 70-71; Hon. Chmn, UJA, 72; Bonds f. Israel, 72; chaplain, U.S. Air Force, 55-57; Assist. Rabbi to Dr. Abba Hillel Silver, Cleveland, Ohio, 57-59; p. Rabbi, Temple Emanuel, Livingston, NJ; author: "The Life and Thought of A.D. Gordon"; contrib. to: Judaism; Reconstructionist; The Jewish Spectator; C.C.A.R. Journal, etc.; recip.: UJA Man of the Year, 66; Proctor Scholarship f. full tuition, 48-49, Cincinnati U.; Phi Beta Kappa.
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ROSEN (Rosenberg), Baruch M.; Vice-Pres., "America House" Tel Aviv; p. Dir. of Atzmon Bonded Warehouses, Ltd.; Vice-Chairman, Silos & Warehouses Ltd.; Chairman, chain of companies Express Service Transp.; Express Tours; Express Mit'anim & Dotan Express; mbr. brd., T.A. Chamber of Comm.; Chairm., Israel-America Chamber of Comm. & Industry; mbr. various Gvt. C'tees; b. Poland, Aug. 10, 1913; m.: Esther Trushkin; d.; educ.: Tel Aviv, French Univ., Beirut.
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ROSENBAUM, Milton; physician; Prof. of Psychiatry, H.U.; Dir., Paul Baerwald School of Soc. Work, H.U., Jer., 69-; b. Cincinnati, Ohio, 12.8.1910; ed.: U. of Cincinnati, B.S., 32; U. of Cincinnati Coll. of Med., M.D., 34; m. Jean Grossman; ch: Michael, Mary, Elizabeth; Intern, Cin. Gen. Hosp., 34-35; Asst. Res in Neurology, Boston City Hosp., 35-36; Res. in Psy-

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ROSENBERG, Malcolm M.; member of the Young Leadership Cabinet of the nationwide United Jewish Appeal, and Chairman of the United Jewish Appeal of Roanoke; active as a member of the Board of Directors of Beth Israel Synagogue for ten years; Trustee of the non-sectarian United Fund; member of the Board of Directors of Roanoke Telecasters, Inc.; was grad. from the University of Miami.

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ROSENBLUM, Naphtali Herzl; Dr. jur.; journalist; editor, "Yedioth Aharonot" (daily), 1950-; b. Kovno, Aug. 14, 1903; m.: Helena Frank; 1 s.; educ.: Vienna U., Kovno U.; to Israel, 1935; delegate to Zionist congresses, 1929-; p. mbr., editorial board, "Haboker" (daily), 36-50; wrote thousands of editorials on current polit. affairs; p. mbr. of the Provisional State Council, 48-49.

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ROSENBLUTH, Ina Wallye; Chmn, Intl Affairs, Intl B'nai B'rith Women, 68-; Pres., Intl B.B. Women, 65-68; Chmn, Brd of B'nai B'rith Women's Children Home in Israel; Chmn, Leadership Conference of Jewish Women's Organizations, 68-; mbr, Natl Com. Anti-Defamation League, 57-; b. Springfield, Mass., USA, 30.5.1911; ed.: Rider Coll., Trenton, N.Y., B.S. in Ed., 1930; Columbia U. Grad. Sch.; m. Arthur G. Rosenbluth; s. Alan Walter, N.Y.; d. Karen Gerstein, Montreal; mbr of the brds of UJA, Bonds f. Israel, etc.; honors: 1st "Woman-of-Achievement" Award, by the Anti-Defamation League of B'nai B'rith 64; Natl Hillel Key; Metropolitan Cl. Hillel Award, f. outstanding achiev.; Metropolitan Cl. Serv. C'tee f. Armed forces & Vet. (SCAFV) Award f. outstand-

ing serv.; p. Dir. Laurel Lake Camp, Tyler Hill, Pa.; Natl Pres., Phi Eta Sigma, 31-32; etc.
15 Sutton Lane, Hewlett, N.Y. 11557, USA.

ROSENDORFF, Simcha; physicist; Prof. Physics Dpt., Technion Haifa (Head of Dpt., 67-69); b. 4.12.1925, Germany; to Israel, 1939; ed.: H.U. Jer., Ph.D., 57; m.: Erika Schrager; 2 d.: Irith, Ariela; sci. publ. in theor. & atomic physics.
15 Hashoshanim Rd., Kiryat Tivon.

ROSENFELD, Lily; painter; b. 17.5. 1932, Sofia, Bulgaria; to Israel, 1951; ed.: French Coll., Sofia; Technion Haifa, 51-55, B.Sc.; Boston, 59-61, M.S.; Northeast. U., Phila., Pa, 61-62; art studies: U. of Pennsylvania; Avnis Sch. of Arts, Tel-Aviv; m.: Dr. Joseph Rosenfeld; 1 d.; 2 s.; w. Tahal, 55-58; one-man shows: Beith Sokolov, Tel-Aviv, 70; Mabat Gall., 72.
29 Remez St., Tel-Aviv; tel. 444785.

ROSENFELD, Shalom; journalist; Dep. Chief Editor, "Maariv", 48-; b. Poland, 15.11. 1914; m. Ilana Eckstein; 1 s.; 1 d.; to Israel, 1934; educ.: Hebrew U.; p. mbr., editorial boards "Hayarden", "Hamashkif", "Herut", "Yediot Achronoth", etc.; detained three times by British for underground activity in IZL-Movement; author of "Criminal File No. 124"; "Prati Behechlet"; "Etzlenu" (With Us); transl.: "From Cairo to Damascus", "The Theory of Modern Capitalism", etc.
6, Levitan St., Tel-Aviv.

ROSENHAUPT, Saky; civ. eng.; D.I.C. (mbr of the Imperial Coll.); consulting eng. — own consulting firm, 63-; b. Darabani, Rumania, 1.5.1923; to Israel, 1944; ed.: Technion, 44-48; D.Sc., 60; m. Galila Globus, 1953; d.: Rachel, Ruth; work w. Prof. J. Eidelman (Cnslt. Eng.), 51-55; Head, structural dpt., Building Research Station & Snr Lctr, Technion, 55-63; mbr, c'tees, of Standards Inst. of Israel: Earth quake Design Specifications, Reinforced Concrete Des. Specs., Prestressed Concrete Des. Specs., Lightweight Aerated Concrete Des. Specs.; mbr: Natl C'tee of Isr. Assn of Eng. & Arch., Civ. Eng. Division; Intl Assn f. Labs f. Materials Testing (RILEM); consulting work & publ. connected w. theor. & experimental study of composite structures (i.a.: "Elastic Analysis of Composite Wals", "Experimental Study of Masonry Wals on Beams", "Stresses in Point Supported Composite Walls", "Beitrag zur Berechnung von Scheiben mit seitlichen Versteifungen", "Test of a Post-Tensioned Concrete Masonry Wall"); award: "Arnan" Prize — Isr. prize f. thecn. res., 1960.
11, Yotam St., Haifa; Tel. 242635.

ROSENHEAD, Louis; Prof. of Applied Math.; D.Sc. (Leeds); Ph.D. (Contab.); F.R.S.; C.B.E.; Head, Dpt. of Appl. Math., U. of Liverpool, 33-37; Foreign Academic Mbr of Brd of Govnrs, Technion, 69-; p. Off. of var. Brit. Merseyside Zion. Societies or C'tees; b. Leeds, England, 1.1. 1906; studies: The motion of fluids, Aerodynamics, Math. tables; m. Esther Brostoff (d. of the well-known Zion. & JNF worker, the late Max Brostoff), 1932; s.: Martin David, Jonathan Vivian; Lctr, U. Coll., Swansea, 31-33; Fllw, St. John's Coll., Cambridge, 32-35; war serv. (attached to Air Min. & Min. of Supply), 39-45; Dean, Fcty of Sci., Liverpool U., 46-49; Visit. Prof., U. of Toronto, 50; UNESCO Visit. Prof., Technion, 56-60; Pro-Vice-Chancellor, U. of Liverpool, 61-65; planning brds of the new U-ies of Salford & Stirling, 64-70; Public Orator, U. of Liverpool, 68-72; Chmn or mbr of various govt. advisory c'tees on eng. techn., sci. or educ., 46-; publ. on educ. matters, concerned w. training of engs., techns. & scientists; Fllw, Royal Scty of London.
30, Weathcroft Road, Liverpool, L 18, 9 UF, England.

ROSENNE, Meir; lawyer; Ph.D. (Intl Law); legal adviser to the M.F.A., Jer.; p. Coordinator & Dir., Frgn. Relations, AEC; b. Yassy, 19.2.1931; grad., I. of Polit. Sci., Intl. Relations, Paris, 54; Instit. des Hautes Etudes Internationales, Paris, 57; Ph.D., Sorbonne, 57; m.: Vera Ayal; ch.: Michal, Daphna; w. Isr. Embassy in Paris, 57-60; Consul Gen., N.Y., 61-67; p. deleg. to UNO Gen. Assbly; to U.N. Comm. on Human Rights; to the Sub-Comm. on Prevention of Discrimination and Protection of Minorities, 62-68; Snr. Lctr., Intl. Law, U. of Tel Aviv, 68-; Lctr. on Intl. Orgs., Haifa I., 68-; Israel AEC, 69-; to Israel, 1944; mbr., Intl. Assn. of Comparative Law; mbr., Centre, Wld. Peace Through Law, Geneva; mbr., Am. Assn. of Intl. Law.
8, Frankel St., Ramat Aviv; Tel. 418822.

ROSENNE, Shabtai; LL.B.; Ph.D.; Ambass.; Perm. Isr. Repr. to UNO in Geneva; b. London, 24.11.1917; m. Esther Schultz; 2 s.; educ.: London U., Hebrew U.; mbr., Israel delegation to many U.N.O. Sessions; mbr., Israel delegations to Armistice Negotiations with Egypt, Jordan, Lebanon, Syria, 1949; repres. Israel at numerous intl. conferences; mbr., UN Intl Law C'tee, 62-71; C'tee on Human Rights, 68-70; Assoc., Inst. of Intl Law, 1963-; publ.: "Israel's Armistice Agreements with the Arab States", 51; "The World Court What It is, & How It Works", 73; "Law & Practice of the Intl Court", 65; Vienna Convention on Law of Treaties, 70; etc.; articles on intl & Israel Law; honoured with Israel Prize, 60.
9 Ch. Bonvent. CH 1216 — Cointrin, Switzerland.

ROSENSAFT, Josef; realtor, USA, 53-; Pres., World Fed. of Bergen-Belsen Assns, 63-; mbr, Brd of Govnrs, Weizmann I.; b. Bendin, Poland, 15.1.1911; m. Hadassa Bimko, 1946; s. Menachem; survivor of Auschwitz, Bergen-Belsen & other Nazi concentration camps; represented the Displacd Persons Camps, at the 1st UJA Conference in Atlantic City, 45; founder of the Intl Remembrance Award; Chair-

man: Bergen-Belsen C'tee, 45-50; C.C. of Displaced Persons, British Zone, Germany, 45-51; author of: "Our Belsen", Belsen 57; "Barou in Belsen", in "Essays in Jewish Sociology, Labour and Cooperation", 62; "Introduction" to Holocaust and Rebirth, 65; subject of chptr 12 in "Twenty Twentieth Century Jews" by S.J. Goldsmith, 62; recip. cit. Municip of Jerusalem, 70.

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ROSENSTEIN, Emanuel; head, Food & Tobacco Products Dpt., Min. of Commerce & Industry; b. 28.12.1919, Rumania; to Israel, 1941; ed.: elem. & HS, Rumania (matric., 38); H.U. Jer., M.Sc. (Chem., Physics), 52; m.: Rina Fisch; ch.: Smadar, Nizan; p. chmn, Scty of Food & Nutrition Sci.; mbr: Engineers' Un.; Control of Quality Assn; Inst. of Food Technologists, USA; perm. repres., Codex Alimentarius Comm., FAO/WHO; articles on food industries, oenology, projects & plann., etc.; contrib. to prof. journals & magz. in Isr. & abroad (Germany, England, France).

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ROSENTHAL, James Yaakov; LL.M.; journalist; corresp. & columnist, "Haaretz" until retirement; in charge of legal topics & Knesset; b. Berlin, 29.9.1905; to Israel, 1933; ed.: Berlin & Freiburg U-ies; Berlin Law Courts; assist. magistrate; advocate; Jewish studies; m. Margard Levinsky; p. Assist. Adviser, Comm. Youth Centre, Berlin; writer on pol. & legal aff.; collab. J.T.A., Berlin; publ. essays, in dailies, weeklies, yearbooks; perm. contrib. to "Haaretz"; Radio comentator on pol., parliamentary issues, etc.

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ROSENTHAL, Naftali (Tully); adv.; b. R.-Sarat, Rumania, 29.11.1908; to Israel, 1950; ed.: Bucharest U., Fcty of Law, LL.M.; m. Rosa Canter, Mgr. Pharm., 1936; s. Daniel; d. Hadassa; p. Chmn, "Hasmonaea" Zion. Students Org., Bucharest; p. Chmn, Fed. of Zion. Students Orgs of Bucharest, Czernovitz, Jassy & Cluj; initiated students alliah to Palestine, 35-; Hon. Secr. Gen., Jewish National Party in Rumania; mbr: C'tee, Fed. of Jew. Communities; Relief C'tee to deportees in Transnistria camps; c'tee of 1st Jew. elem. school, Bucharest; during the Nazi period — instrumental in obtaining amnesty, by Rum. King, for the convicted "Hashomer Hatzair" youth group; most of them let to immigrate to Palestine; deleg. to Zion. Congr., Basel, 1946; in Israel — active in the struggle f. release of "Assirei Zion" in Rumania; mbr, Presidium, Hitachdut Olei Rumania; p. Pres., B'nei B'rith Lodge "Dr. Niemirower"; Chmn, coord. c'tee, B'nei B'rith Lodges of Rumanian Jews in Israel.

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ROSENWALD, William; chmn., Israel Emergency Fund & Hon. Chmn., Brd. UJA of Greater N.Y., Inc.; Investments — chmn., brd. of dirs., Am. Securities Corp.; b. in Chicago, Ill., 19.8.1903; ed.: B.S., MIT. 24; hon. D.H.L., rector, Philarmonic Symphony Scty. of N.Y. Hebrew Union Coll., 44; studied at Harvard & London School of Economics & Polit. Sci.; hon. natl chmn, UJA Inc.; assoc. chmn. mbr, Advisory Board, Israel Educational Fund; vice chmn., AJDC; vice pres., United HIAS Serv.; hon. vice-pres., AJC; Assoc. Treas., Director, Philarmonic Symphony Scty of N.Y. Inc.; Treas., Finance C'tee, mbr. brd. of trustees & mbr. exec. c'tee of Tuskegee Institute; Hon. Life Trustee, Museum of Science & Industry, Chicago; awards: S. Bublick, by Am. Friends of H.U., 60; Humanitarian, by Fed. of J.A. Gt. Phila., 69; Herbert H. Lehman Memorial, 70; Spirit of Achievement. by Women's Div. of A. Einstein Coll. of Med., 71, U.S.A.

ROSENZWEIG, Alfredo; geologist; M.S., Eng.; Chmn of Brd, Sonol Israel Ltd., Haifa, 71-; Assist. to Pres. Frgn Operations, Belco Petroleum Corp., N.Y., 70-; Exec. Vice-Pres.: Belco Isr., 70-; Belco Peru, 61--; b. Berlin, 29.3.1924; to Israel, 1971; ed.: H.S., Peru; San Marcos U., Peru, 43-47; U. of Wisconsin, 49-51; m.; 4 ch.; Pres.: First Latin Am. Congress of Geol.; Petroleum C'tee, Peru; Vice-Pres., Mining Scty, Peru; Mng., Belco Petroleum, Peru, 59-71; p. pres.: Jewish School (Leon Pinelo) Peru, Sociedad Beneficencia Israelita 1870, Associacion de Sociedades Israelitas; mbr: Geol. Scty of Am.; Am. Assn of Petroleum Geol.; Geol. Scty of Peru; publ. papers on Geol.: San Lorenzo Island, Middle Hualaga River, Marcona Iron Ore Deposits, Tertiary Iquitos; Seismologic Bibliography, Peru; Jews in Loreto Peru 1870-1940; etc.

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ROSETTI, Moshe; Pres., Intl. Assn. of Secretaries-General of Parliament; Staff Editor, Encyclopaedia Judaica; p. Secr. Gen. of the Knesset; b. London, 27.2.1903; m.: Sarah Hartstein; 1 d.; educ.: London U., Wales U.; mbr., General Council of Trade Unions; p. Secr., JNF, Great Britain; Head, Information Dpt., Jew. Agcy.; Parliamentary Agent, Jew. Agcy.; mbr., Brd. of Deputies of British Jews; Chmn., Political C'tee, Poale Zion; to Israel, 1948; articles in local & British press.

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ROSH, Joseph; Mng., North. Reg., Bank Leumi Le-Israel B.M., 71- (p. Dep. Mng., Tel-Aviv Principal Bank; p. Gen. Mng.'s Assist., Head Office of the Bank); Pres., Haifa Chamber of Commerce & Industry, 73-; b. 16.9.1922, Poland; to Israel, 1935; ed.: scndry & vocat., Hadera; econ., statist., commercial law, pol. sci. & sociol. at evening classes, Inst. f. Pub. Admin., Tel-Aviv; var. courses & smnries on econ. & mng. subjects; study trips to: England, Holland

& Switzerland, 62; USA, 69; m.: Neima; 2 d.: Shulamit, Tamar; s.: Gideon; volunt. in Brit. Army, Jew. Brig., 43-46; served IDF, 48-50 (w. rank of Major); Natl Treas. & mbr, Exec. C'tee, Magen David Adom, 68-71.
11 Hayearot St., Haifa; tel. 253465.

ROSOLIO, Shaul; Inspector General of Police, 72- (Dep. Insp. Gen., 70-72); b. Tel-Aviv, 8.12.1923; m. Shoshana Massis; 1 s.; 3 d.; educ.: Hebrew U.; Jewish Settlement Police, 41-46; I.D.F., 47-48; Comm., Jerusalem & Southern Dist., 61-70.
42 Hiskiyahu Hamelekh St., Katamon, Jerusalem, Tel. 33053.

ROSOVSKA-KAMINER, China; actress; w.; 1 d.; educ.: Institute of Drama, Leningrad; Gnessin's Studio, Tel Aviv; several years, actress "Habimah"; then "Matate"; with "Ohel", 54-58; founded (and appears) in Dorot; p. "Bimat Ha-Shnaim" theatre; joined the Godik Troupe, 68-; w. Haifa Municipal Theatre, 69-; now in Tel-Aviv, working in broadcast. & pictures.
22 Mapu St., Tel-Aviv; Tel. 223388.

ROSS, Daniel G.; Attorney; Hon. Trustee of (& Hon. D. of Laws) Hebrew U.; dep. chmn., Bd. of Gvrns, TAU; Hon. Ph.D.; ed. B.A. Yale U., LL.B. Columbia U.; b. in N.Y., 12.7.1904; m.: Grace E. Jarcho, 19.1.34; ch.: Ann R. Loeb, James J. Ross, Lynn R. Rosenfeld; p. pres. Scty. f. Advancement of Judaism; v. p., Jew. Reconstructionist Fndn.; Dir. Jew. Theolog. Seminary of Am.; p. pres. & chmn. of brd., Am. Friends of Hebrew U.; p. chmn. of brd., Am. Friends of Tel Aviv U.; co-chmn., United Hias Service.
993, Fifth Ave., NYC, N.Y. 10028, USA.

ROSSET, Israel; bus. exec.; w Beged-Or Limited, 1968-; past Manager, Hamashbir Hamerkazi Leta'asia Limited.; born Poland, 1916; grad., religious college (Yeshivot); m.: Miriam; ch.: Talma, Shmuel, Amos, Osnath; to Israel, 1925; p. mbr., Labour Council Haifa, 57-60.
6 Ankorim St., Ramat Gan; tel. 797339.

ROSSMAN, Itzhac; M.D.; physician; musicologist; b. 14.10.1894 in Craiova, Roumania; educ.: Bucharest Med. Fcty.; priv. practice in Craiova; studied violin, harmony, counterpoint in Rum.; developed extensive Zionist & cultural activity in Bucharest; founder, Zionist Students Org. "Hasmonaea", Bucharest; p. leader "Renasterea" (Zion. Radicals), Craiova; participated in Jew national politics & Zion. fund drives; p. mbr. exec. WJC, Bucharest; publ. monographies on Bloch, Mahler, Schaenberg, Mayerbeer, Millhaud, etc.; music columnist f. "Timpul", "Adeverul", "Rampa" (dailies); mbr., Jew Cult. I., Bucharest; lectured & wrote on medical topics, as well as on Jew. musical folklore in Rum. & Europ. periodicals; to Israel, 1960; in med. service, Kupat Holim, 60-.
33, Ha'maavak St., Ghivatayim.

ROSTON, Murray; M.A., Ph.D.; Prof. & Chairm., Dpt. of English Bar Ilan U.; b. London, Dec. 10, 1928; m.: Faith Lehrman; d.: Yardena, Nina, Yonit; educ.: Queens' Coll., Cambridge & Queen Mary Coll., London; to Israel, 1956; taught at Brown U., 59-61; Visit. Assoc. Prof., Stanford U., California, 66-67; author, "Prophet and Poet" (English), "The World of Shakespeare" (Heb.); "Biblical Drama in England" (English).
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ROTEM, Shmuel; Dipl. Eng.; Plant Manager; b. in Haifa, 22.11.26; grad. Technion, Haifa; m.: Aliza; 3 ch.; grad., Reali Haifa; w. Palmach during War of Liberation; mech. eng. "Hayama", head planning group "Chemicals & Fertilizers"; in charge of maintenance at Dead Sea Works during erection; snr. assignm. AEC, 62-, Plant Mng., Am.-Isr. Paper Mills, Hadera; mbr. Rotary Club.
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ROTEM (Deutsch), Yaacov; M.D.; pediatrician; Chief, Children's Department, Chaim Sheba Medical Center, Tel Hashomer; Prof. & Head Pediat. Section, Tel-Aviv U. Med. Sch.; mbr., Virological Adv. Brd., Ministry of H.; Sen. Lect., Hebrew U.; mbr., acad. staff, Tel Aviv U., N.Y. Acad. of Science; edit. board, "Harefuah", journal of Isr. Med. Assn.; b. Turka (Poland), 1912; m.: Frieda Rotenstreich; 2 d.; educ.: Komensky U., Bratislava (C.S.R.); to Israel, 1938; awarded "Dapim Refuiim Prize", 1959; author of "Proper Child Feeding"; "Mother and Child"; "Bringing up Children"; "Road to Life" (last two in coop. with Prof. Nassau); "New Medical Dictionary", jointly with Dr. Joseph Even-Odem.
19 Bartenura St., Tel-Aviv.

ROTENSTREICH, Joshua; Dr. of Law; adv.; pres., Israel Bar Assn.; legal adviser, Journalists' Assn. of Israel & of its Press Council; b. Kolomyja (Poland), Dec. 27, 1910; m.: Carmela Frostig; 3 d.; educ.: Sambor Coll., Lwow Coll.; Jan Casimir U., Lwow; to Israel, 1933; M.E. correspondent of various journals in Poland, until 1933; contributes to legal periodicals here & abroad.
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ROTENSTREICH, Nathan; Prof. of Philosophy, Hebrew U.; p. Rector, Hebrew U., 65-69; b. Poland, 1914; educ.: Hebrew U.; to Israel, 1932; author of: "Between Past and Present"; "Spirit and Man"; "Jewish Thought in Modern Times"; "Philosophical Studies"; "Recurring Pattern"; "Power and Its Mould"; "The Human Subject"; "Traditional Reality"; "Philosophy — The Concept and its Manifestations"; recip.: Tshernihovsky Prize (54) for translation of "The Critique of Pure Reason" by Kant; Israel Prize, 1963.
7 Marcus St., Jerusalem; Tel. 31009.

ROTHBARD-SCHWARTZ, Deborah; organization executive; Natl. Dir., State of Israel Bonds f. Pioneer Women's Bond C'tee; b. in Poland, 16.7.1899; grad. JTS, N.Y., high

hon.; U. of California, Berkeley, highest hons. (BA); Phi Beta Kappa; Hon. alumnus of the Year 1967; JTS; m. Ignatz Schwartz, Educator, 1928; member, presidium, Ac. C., WZO; delegate to W.Z. Congresses, 46-; exec. mbr. Poalei Zion, Ichud Olami; presid. mbr. World Pioneer Women, Israel, v.p., JTS "Herzliah", USA; exec. mbr. Am. Zion. Council; mbr. central c'tee P.Z.-USA; mbr. natl. brd. Pioneer Women, USA; brd. of gvrnrs., Bonds; brd. of dirs., Histadrut Campaign, USA.; mbr. direct. "Yivo"; p. mbr. brd. JNF & K.H., USA; p. mbr. brd., AJC, USA; p. mbr. brd., WJC; p. editor, "Pioneer Women" (monthly) & Holiday Bulletins; p. Assist. Sctry. Jewish Teachers Seminary, 21-28; Teacher in Yiddish Folk Schools, 29-33; Exec. Sctry. Pioneer Women, 33-39; Natl. Sctry. Pioneer Women, 39-46; Natl. Pres. Pioneer Women, 46-48; Chmn. Natl. Advisory Brd. Pioneer Women, 48-50; Mission f. Pioneer Women to Moetzet Hapoalot to Eretz Israel, 48-49; Mission f. Moetzet Hapoalot to S. Amer. for Pioneer Womn, 49-50; Natl. Dir. State of Israel Bonds in Pioneer s. 51; Chmn. Natl. Leadership Seminars s. 54.

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ROTHBERG, Samuel; outstanding friend of Israel; Dir., American Distilling Co.; b. Dec. 15, 1910, in Russia; educ.: B.Sc. Bacteriology, Philadelphia Coll. of Pharmacy & Science, 1931; m. Jean Culver; ch.: Michael, Patrick, Kathy, Heidi; Pro-Israel activities; National Campaign Chairman, State of Israel Bonds; mbr., Natl. Campaign Cabinet, UJA; p. Dep. Chmn. Brd. of Governors, Hebrew U.; Chmn., Brd. of Dirs., Am. Friends of Hebrew U.; mbr., Brd. of Governors, Weizmann Institute of Science; Vice-Pres., Am. C'tee for Weizmann Institute; mbr., Brd. of Governors, Tel Aviv U.; Chmn., Brd. Am. Jewish League for Israel; mbr., Brd. of Governors, Am. Assn. for Jewish Education; Pres., Israel Investors Corp.; Pres., Capital for Israel, Inc.; Pres., Congregation Agudas Achim, Peoria, Illinois; p. Natl. Big Gifts Chairman, UJA; Pres. & Chmn., Peoria Jewish Community Council; principal architect, in establishment of Harry S. Truman Center for the Advancement of Peace, at Hebrew U.; Hon. Dr. of Phil., Hebrew U., "Scopus Award", 1968.

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ROTHENBERG, Benno; M.A., Ph.D.; Snr. Lctr, Archaeological Institute, T.-A. U.; Dir., Arava Expedition; b. 23.10.24, Frankfurt, Germany; ed.: Philosophy, Math., Physics, Archaeology, Hebrew U.; Goethe U., (Frankf.); to Israel, 1933; m.: Ruth Buchman; ch.: Michal, Daniel, Liora; p. Field-Dir., Hebrew Union College, Negev Exp., 53-56; Dir., Sinai Expedition, 56-57; Editor, Lewin-Epstein Publishing House, 67-71; Excavations of Timna, 64-70; publ. books & papers on Phil. & Archaeology in Hebrew, English, etc.: "Man with Himself", 1956; "Discoveries in Sinai", 1957, 1967; "God's Wilderness", 1961; "Passover Hagada", 1963; "The Land of Israel", 1957; "Massada", 1963; "The Story of Jerusalem", 67; "Our Greatest Year", 68; "Tzefunot Negev", 1968; Timna, 71; aw., 1st Eilat Prize f. Lit., 1969.

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ROTHKIRCHEN, Livia; Ph.D.; editor, Yad Vashem Studies, 67-; b. C.S.R., 2.11. 1922; to Israel, 1955; ed.: Charles U., Prague; p. snr res.; books & papers: The Destruction of Slovak Jewry, 61; Slovakia 1848-1945; Vatican Policy and the Jewish Problem in "Independent" Slovakia; The Attitude of the Vatican towards the "Solution" of the Jewish Problem in Hungary; Escape Routes and Contacts during the Second World War; The "Final Solution" in its Last Stages; recip. Max Nordau Prize, 73.

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ROTHMULLER, Marko; Prof. of Music (Voice), Indiana U., Sch. of Music, Bloomongton, 55-; b. 31.12.1908, Trnjani, Yugoslavia; ed.: gen. schs & Music Acad., Zagreb (stud. singing w. Jan Ourednik); in Vienna - w. Alban Berg, 28-32 & w. Franz Steiner, 32; married; 1st, Ela Reiss (divorced); 2nd, Catherine Anne Blanchard; 2 s.: Ilan, Daniel; naturalized USA citizen, 58; auth.: The Music of the Jews, 67; war. chamber works, ballet music, etc.; concert & opera singer, composer; main operatic engagements: Hamburg-Altona, 32; Zurich, 35-48; Covent Garden Opera, London, 39, 48-54; State Opera, Vienna, 46-57; Teatro Colon Buenos-Aires, 52, 53; N.Y. City Center Opera, 48-50, 52; Staedtische Oper, Berlin, 54; Metropolitan Opera, N.Y., 58-61, 64-65; record. artist f. "His Master's Voice", Switzerland & England; LP Decca; Bartok Records.

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De ROTHSCHILD, Alix; Baroness; farmer; Wld Patron, Youth Aliyah, 69-; Chmn, French Friends of Youth Aliyah; V. Chmn, UJA, France; b. 30.6.1911, Frankfurt A/M; mbr: Rothschild Found. Brd; Intl Brd, Israel Museum, Jer.; Chmn, Friends of Isr. & Museum of Jer., France; Friends of Musée de l'Homme Scty, Paris; brd mbr: Friends of Musée National d'Art Moderne de Paris; Pont-L'Évêque Hosp.; Elect. Mayor, Reux, Normandy, 52-; Natl Deleg., Sch. of Canton de Pont-L'Évêque; mbr, Commission of Cultural Affs, Normandy; honours: Chevalier des Palmes Académiques; Chevalier des Arts et Lettres; Chevalier du Mérite Social.

Château de Reux, Reux par Pont-L'Évêque, France.

De ROTHSCHILD, Bethsabee (Batsheva) de (1914); sponsor & promoter of dance; b. London, daughter of Baron Edouard de Rothschild (1863-1949), head of the French branch of the family; ed.: biology, Sorbonne, Paris & Columbia U., New-York; p. wife of Donald Bloomingdale; to USA, 1940; becoming interested in Martha Graham's style of modern dance, studied w. her & later sponsored performances of her company; toured the Far-East, Iran & continued to Israel, 56; settled in Israel, 1958; founded: Batsheva Crafts Corp. (f. the furthering of the craft industries & export of craft objects), 58; Baron de Rothschild Foundation f. the Advancement

of Science in Israel, USA; Batsheva de Rothschild Fund f. Sci. & Techn., Isr.; Batsheva Seminars in Biology & Physics; sponsored a study f. improved immigrant housing plans; founded, Batsheva Dance Comp. in Tel-Aviv (w. M. Graham as artistic advisor), 64; opened a school of dance, T.A., 67; established the Bat-Dor Studies of Dance, T.A., 68 (Batsheva Bat-Dor Dance Scty, acting as roof org. f. the Bat-Dor Studios of Dance, the Bat-Dor Dance Comp. & the Batsheva Dance Comp.).

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ROTHSCHILD, Friedrich Salomon; M.D.; physician; mbr., Psycho-Analytic Scty.; psychiatrist, Hadassah Hospital, Jerusalem; Clinical Assoc. Prof. of Psychiatry, Hebrew U.; b. Giessen (Germany), Dec. 17, 1899; m. Margot Hellmuth, M.D.; educ.: Giessen U., Munich U.; Asst. Physician, Heidelberg U. Clinic; Institute of Neurology, Frankfurt/Main; to Israel, 1936; author of "Symbolik des Hirnbaus", 1935; "Das Ich Und Die Regulationen Des Erlebnisvorganges", 50; articles on psychiatry; also articles on biosemiotic.

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ROTHSCHILD, Menahem; Mayor of Bat-Yam, 1964-; b. Strasbourg (France), April 23, 1914; m.: Leah Levin; 2 s.; 2 d.; to Israel, 1933; Dir., Agric. Center, Histadrut; Secretary, Kupat Holim, Bat Yam & Jaffa Dist.; Dep. Mayor, Bat Yam, 50-64.

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ROTHSTEIN, Samuel; attorney; partner, Rothstein & Korzenik, law firm, N.Y.; Pres., World Cl. of Synagogues, 72-; Hon. Pres. (f. life): Un. Synagogue of Am., E. Midwood Jew. Center; founder, Vice Pres., Am. Zion. Fed., 70-; b. 15.9. 1903; ed.: N.Y.U., LL.B., 24; m. Bertha Solomon; 2 d.: Mrs. Judith Skutch; Mrs. Carol Porter; treas., Synagogue Cl. of Am., 45-53, 57-58; Brd of Overseas, Jew. Theol. Smnry of Am., 57-; founder, Chmn of Adm. C'tee, Brooklyn Zion. Reg.; founder, Dir: U.J.A., Memorial Fndn f. Jew. Culture, Confer. on Jew. Material Claims ag. Germany, Am. Jew. League f. Israel (Vice Pres.), Dir.; Brooklyn Jew. Community Cl., 39-; Natl Confer. of Christ. & Jews; Am. Assn f. Jew. Educ.; Jew. Wlfr Board; Jew. Educ. C'tees of N.Y.; mbr: Natl Cl., Am. Jew. J.D.C.; Exec. & Interim C'tees, Am. Jew. Confer.; Natl Panel of Arbitrators, Am. Arbitr. Assn; Am. Bar Assn; Brooklyn Bar Assn; Alpha Epsilon Pi Fraternity; mbr at large, Boy Scouts of Am.; formerly: Dir. of Maimonides Hosp., JNF, Palestine Fndn Fund; mbr Am. Zion. Emerg. Cl., Adm. Cl. of ZOA; Chmn, Brooklyn Div., Am. Friends of H.U.; honors: Distinguished Service Medal (f. service during Wld War II); Gittelson Memorial Award by Alpha Epsilon Pi Frat.; Statesman Award by Synag. Cl. of Am., 65; Guest of Honor at numerous functions; numerous citations.

2402, Ave. J. Brooklyn, N.Y.; Office: 51, Chambers St., N.Y. 10007, USA.

ROTTENBERG, Ozer; B.S. (Textile Eng.); M.S. (Industrial Eng.); Gen. Mng., Triumph International Ltd., Isr.; brd mbr, Chmbr of Commerce, Jer.; b. 10.6.1938, Lodz, Poland; to Israel, 1947; ed.: elem. & HS, Tel-Aviv, 45-47; Philadelphia Coll. of Textile & Sci., 61-64; New-York U., Sch. of Eng., 65-66; m.: Phyllis Goodman; d.: Sarit; p. Indust. Eng., Maidenform Inc., USA; p. Mng. Systems & Procedures, Jew. Hosp. of Brooklyn, NY; Mng. Hosp. Information Systems, Brooklyn — Cumberland Med. Center, USA.

12 Rav Uziel St., Jerusalem.

ROVINA, Hanna; prominent Israeli actress & Leading Lady, "Habimah"; with "Habimah", in Russia, s. 1917; b. Minsk, Oct. 1892; educ.: Kindergarten Teachers' Seminary; teacher, supervisor of institute for refugee children at Saratov, 15-17; co-founder, "Habimah" in Moscow (together with Zemah and Gnessin), 17; to Israel, 1928; leading roles in "Habimah" productions.

36 Gordon St., Habimah Quarter, Tel-Aviv.

ROZEANU, Lou; Prof. of Thermodynamics & Tribology, Technion Haifa; b. 1912, Roman, Rumania; to Israel, 1960; ed.: elem. & scndry sch., Consantza, 18-29; U. of Bucharest, B.Sc. & M.Sc. (Physical Chem., Indust. Chem.); post-grad., Whitcleap Res. Lab. f. Petroleum Technol., 29-34; m. Sarah Riezel (piano prof., Haifa Conservatory); d. Michaela, El. Eng.; secr., c'tee f. tractor lubrication, Rum. State C'tee f. Technique, 50-52; sci. respons., Technical Journal, 51-54; sci. advis.: Rum. Inst. of Petrol Res., 51-57; Rum. Min. of Petrol., 52-57; snr sci. off., I.M.A. Rum. Acad., 52-60; at Technion, Haifa, 60-; visit. prof., Institut National des Sciecnes Appliquées, Villeurbanne, France, 72-73; sci. counsel., Isr. Petrol. Inst.; mbr, Am. Scty f. Lubrication Engs; about 60 publ. in the field of Tribology chem. runnin. engines adopted in Rum. on a natl scale; set of thermodynamic models of the wear processes (new line of approach); patent on a high efficiency electrochem. procss; invit. lctrs: Soc. of Electrochem. Metropolitan Branch, USA, 68; "Science and Technique", intl cngrs, 70; IBM Res. Center, Endicott & Gen. Motors Res. Center, Waren, USA, 72; intl cngrs of micromechan., Besancon, France, 73.

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ROZIN, Ronald Ron; surgeon; snr lctr in surg.; chief, dpt. of surg., Hadassah Hosp., Tel-Aviv; Fllw: Isr. Srg. Assn; Am. Coll. of Srgs; Am. Scty of Abdominal Srgs; Intl Scty f. Res. in Burns; Sigma Xi; mbr fcty, H.U. Hadassah Med. Sch., Jer.; b. 1931, Switzerland; to Israel, 1933; ed.: Heb. Gymn., Jer., 49; New York U. — B.A., 54; M.D., 58; Tufts U. — M.Sc., 66; publ. 25 sci papers in intl surgical journals; p. chief phys., dpt of surg., Hadassah U. Hosp., Jer.

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ROZOW, Gershon; industrialist; chairman, GIBOR Textile Enterprises Ltd.; b. 16.3.1916; m.: Ida Daniuk; 2 s.; 1 d.; to Israel, 1949; engaged in manifold econ. activities, built flour mills, textile enterprises, building enterprises, etc.; co-founder, Kitan-Dimona Ltd., Hutonia (biggest spinnery in the country), Ramat Siv, Sabrina, etc.; engaged in erecting the Tel Aviv Museum and the Haifa University buildings; head, Textile Div., Israel Manufacturers' Assn., mbr. presidium thereof.
3, Gluskin St., Tel-Aviv; Tel. 256360.

ROZOW, Haim; General Manager, "Sabrina" Textile Works Ltd.; b. 1947, Germany; educ.: HS; served I.D.F.; m. Michal Kligsberg; s. Alexander; active in bus., from early age.
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RUBIK, Jacob; editor, "Barkai"; exec., Histadruth Ivrit, Fed. of Synagogues; Pres., Jewish Journals; b. Lithuania; ed.: law — Lithuanian U.; U. of Witwatersrand; Hebrew teacher, Lithuanian Smnry; p. mbr.: S.A. Zion. Fed. Exec.; Natl Publicity Chmn, UJA; planning I.U.A. C'tee South-Africa; Gen. Secr., United Zion. Assn; contributor to Jewish newspapers in Israel, S.A., etc.
301, Highveld Court, Cor. Twist & Caroline Streets, Hillbrow, JHB, P.O.B. 1848, South Africa.

RUBIN, Eliahu; Water Eng.; Lecturer (Math. Phys.); Auth. Rabbi; Head: Olei Karpato-Russ. in Isr.; Org. f. Talmud Illustration & Oral-Tora exploration, Tel-Aviv; b. 24.6.1897, Kurima, Czechoslovakia; to Israel, 1946; ed.: trad. Talmud-Tora, Nitra, 10-14; Yeshivot: Hunzdorf, Grosswardein, 15, 18; Reali HS, Budapest, 19; Techn. Inst., Prague, 27; Carl U., Prague, 29; m.: Rachel Balkanyi; s.: Amos-Yair; p. head, Young Mizrachi Karpatoruss; teach. & princ., Heb. Gymn., Munkacs, 25, 30-44; exiled to Auschwitz, 44; Water Eng., J.A. Irrig. Div. Water Dpt., 48-63; now ret.; deleg.: Zion Cong., Basel, 31; Wld Conventions, Mizrachi - Krakow, 33; Zurich, 37; Tel-Aviv, 48, 49, 55, 63; Virilist, Wld Org. Mizrachi - Hapoel Hamizrachi, 63-; mbr: Org. of Hungarian speaking Mizrachi mbrs in Isr.; A.E.A.I.; publ.: 2 textbooks in physics (Heb. Gymn., Munkacs), 42; Yom-Tov Tractate (Beitza), 68; Rosh Hashana Tractate, 73; many sci. publ.; in prep.: "Kepler's equation and its graphic solution" (in Germ.); "The theory of radiation"; regist. in the Golden Book of KKL, 67.
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RUBIN, Reuven; artist; painter; designer; F.I.A.L. Life Fllw., Intl. I. of Arts & Letters; hon. degree, by Jew. I. of N.Y.; b. Galaţi (Rumania), Nov. 13, 1893; m.: Esther Davis; 1 s.; 1 d.; educ.: Bezalel, Jerus.; Acad. des Beaux Arts, Paris & Academie Colorossi; to Israel, 1912; Minister of Israel in Rumania, 1948-50; mbr., Israel Artists' Assn.; founder, Assn. of Painters and Sculptors in Israel; exhibited all over the world, since 1915; European, American Museums, important world art collectors acquired his paintings; painted, 1959, murals f. "Hechal Shlomo" & for the new building of the Knesset, 1966; reproductions of work, in leading magazines, i.a.: Studio; Creative Art; The Arts; Sphere; Fortune; etc.; Vitrages f. Residence of President of State of Israel, 70; Israel Prize Laureate, 73; awarded Tel Aviv Prize (1964); woodcuts "The Godseekers" 1925; "Rubin", by Dr. Alfred Werner, 1958 (N.Y. Massada); "Visages d'Israel" by Jacomet, 1960 — Gamzu, Florent Fels.; "My Life, My Art" by Rubin, N.Y. Funk & Wagnalls, 1969; "The Story of King David" with 12 original litographs by Rubin, Int. Joseph Kessel (Mourlot), 70; "Visions of the Bible", w. 12 orig. lithog. by Rubin, Int. D. Ben-Gurion & "The Prophets", w. 12 orig. lithog. by Rubin, Int. Dr. H. Gamzu, Mourlot, 73.
14, Bialik St., Tel-Aviv, & Caesarea, Israel.

RUBINSTEIN, Amnon; B.A., M.Ju. (Jerus.), Ph.D. (London); Professor & Dean, T.-A. U., Law Fcty.; brdcast. & telev. comentator; columnist, mbr. edit. brd., "Haaretz"; b. May 5, 1931, in Tel Aviv; m.: Ronny; d.: Tal; s.: Nir; educ.: Hebrew U., 52-56; Brit. Council Scholar, 58-60; lectr., Hebrew U., 61; joined "Haaretz" staff, 63; publ. Jurisdiction & Illegality, Clarendon Press, Oxford, 65; Constitutional Law of Isr., Schoken Press, 69; contrib.: NY Times, Encounter, J. of Contemp. History, legal periodicals in Britain, Canada, Israel, etc.; publ.: "Here, Now" (Hebrew), 1969.
30, Alumim St., Afeka, Tel Aviv.

RUBINSTEIN, Arthur; world famous concert pianist & great friend of Israel; Commandeur de la Legion d'Honneur; Doctor Honoris Causa of Yale, Brown, Taft, North-Western, and many other Univ.; b. 28.1.1887 in Poland; educ.: Warsaw, Berlin, with Joseph Yoachim, Prof. Henrich Parth, Max Bruch, etc.; m.: Aniela, Mylnarska; ch.: Eva, Paul, Alina, John; awards: Ordre de Leopold II de Belgique; Grand Croix Ordre du Portugal; Chili, Italy; Grand Cordon d'Alfonso el Sabio, Espagne; Membre Honoraire de l'Academie de Sainte Cecille, Rome; Grand Croix du Bresil, etc.
Paris, France.

RUBINSTEIN, Norbert; B.A.; Industrialist; Mng. Dir., Aveeram Ltd.; Dir. of Ampa; Amcor; Ampa Invest.; Export Bank Ltd.; b. Berlin, 2.4.1932; ed.: U. of Mass.; -51; m. Zelma Grodecki; ch.: Dana, Tamar, Michal, Guy; to Israel, 1960; active U.S. Army; founded Aveeram Ltd., -61; mbr., Friends of Hebrew U.; Dir. of Israel-American Chamber of Commerce; America House.
86, Haeshel St., Herzliyah Pituach.

RUDY, David; Clin. Psychol.; found. & Dir., Inst. f. Analytic. Psychother., Herzlyiah (supervises work & directs treatment by 33 psychoterapists); b. 4.8.1917, Moscow; to Israel, 1938; ed.: H.U. Jer., 39-42; Bologna U., Italy, 49-51, Ph.D.; m.: Dr. Ada Huetner; s.: Dan; d.: Daria; w. Brit.

Army, 42-45; Head, Selection & Treatment Sctn, Prison Serv., Isr., 52-53; private practice as psychother., 53-; active res., IDF, 62-63; publ.: Childhood and Struggles of Youth, 64; Esoteric Personality (Schizoid Syndrome), 68; Team Therapy, 71; Group Therapy, 72; The Patient & the Therapist (Beyond Transference), 73.

18 Sinai Street, Ramat Hasharon; tel. 770031. Office: Inst. f. Analyt. Psychother., Aronsohn Street, Herzlyia. POB 219; tel. 981181.

RUEBNER, Tuvya; lctr, 66-; b. Bratislava, C.S.R., 30.1.1924; to Israel, 1941; married, Galila Isréeli; 3 ch.: d. Miriam; s. Idan, Moran; deleg. of the WZO in Switzerland, 63-68; mbr: Hebrew Writers' Association, World Poetry Society, Hugo von Hofmannsthal Geselschaft; publ. 5 books of poetry: Ha'esh Ba'even, 57; Shirim Limtso Et, 61; Kol Od, 67; Mishirei T. Rübner, 70; Ein Lehashiv, 71; essays; translations (Agnon); editing of books (L. Strauss, L. Goldberg); award: Anna Frank Prize, A.C.U.M. Prize.

Kibbutz Merchavia.

RULF, Benjamin; Snr Lctr of Applied Math., Tel-Aviv U., 67-; b. Jerusalem, 6.11. 1934; ed.: Technion, M.Sc. (El Eng.), 61; Polytechnic Inst. of Brooklyn, Ph.D., 65; m. 1968; 2 ch.; Assist.-Prof., New York U., 65-67; Visit.-Assoc.-Prof. at Renselaer Polytechnic Inst., N.Y., 71; publ.: numerous research papers in professional periodicals.

Ussishkin St., Ramat Hasharon.

RUPPIN, Rafael; Coordinator, Hebrew Education in the Diaspora, Ministry of Education & Culture; b. Berlin, February 13, 1919; m.: Esther Kravtzov; 3 s.; educ.: Hebrew U.; London School of Economics; studied fishing in Holland; co-founder, Fishermen's Settlement Mikhmoret, 1946; went on F.A.O. mission to India, 1958; other missions on behalf of F.A.O., 65, 67; Israel Ambassador in Tanganyika, 61-63; Dir., Maritime Educ. Dpt, Min. of Educ. & Culture, 64-71.

Mikhmoret.

RUSKIN, Hans Simon; orthopaedic surgeon; Dr. med. MC; chmn: Educ. C'tee, Victorian Jew. Brd of Deputies, 54-; Cult. C'tee, Zion. Cl. of Victoria, 62-; b. 7.3.1911, Posen, Germany; educ.: Berlin U., grad., 34; m.: Rosi; d.: Hester; in concentr. camp Sachsenhausen, 38-39; parachute regt., Brit. Army, 39-46; Lt. Col. in Royal Med. Corps, 8 campaign medals; govr. Mt Scopus Coll., 52; fndr & dir. Radio Cheder, 52-, only Jew. station in Australia; Hon. V.P., Mizrachi, Australia, 54-; V. Pres., Hillel Fndn, 65-; chmn, Curriculum C'tee, Victorian Govt., 66-; author of 4 plays; contrib. to Jew. & gen. press; fndr, Kashrut Comm. of Victoria, 49.

40 Otira Rd., N. Caulfield, Melbourne 3161, Australia.

RUSSEL, Robert; b. 1917, New-York; Brooklyn Coll. City of New York; Cedars of Lebanon Hosp. — Director Mount Sinai Hosp. — Trustee Temple Israel of Gt. Miami; Vice Pres. & Director Gt. Miami Jewish Fed., 71-72 President; 69-70, Campaign Chairman, Vice Pres., Board of Governors, Exec. Committee, Multiple Appeals Committee; Council of Jewish Fds & Welfare Funds — Director; A.J.D.C. Inc. — Dir.; National United Jewish Appeal — Member Exec. Committe; Tel Aviv U. — Board of Governors; 71, 72, 73, The Jewish Agency for Israel, Board of Governors — also Housing Committee; U. of Miami — Council of Advisors; 61, Certificate of Merit, Gt. Miami Jewish Fed.; 62, Leadership Award CJA; 65, Silver Menorah Club Award CJA & Gt. Miami Jew. Fed.; Recip.: Abba Eban Shomer Am Yisroel Award from Gt. Miami Jewish Fed., 69; Aliyah Sculptures Pacesetter Award, 71; Architect. Aluminum Manufacturer Assn, President — 2 terms, 63 & 64, outstanding Member of the year, 63; Membership Development Committee, 68; Aluminum Extruders Cl., Pres., 66-67, On Testimonial Extruders Council, 64; The Aluminum Assn, Chairman, Extruded Products Division, Member President's Advis. Council; Natl Assn of Secondary Material Industries; Hialeah-Miami Springs Chamber of Commerce; Gt. Miami Chamber of Commerce; Pres. & Chairman of the Board Russel Aluminum Corporation; Director — Pan American Bank of Hialeah; 45, 47, War Assets Administration; 42-45, U.S. Army T/5; 35-41, Dental Supplies & Equipment; 72-73, President, Gt. Miami Jewish Fed.; 72, Member of Board of Gt. Miami Heart Assn; 72-73, Miami Committee on Foreign Relations; 72-75, Florida Board of Govs, Natl Confer. of Christians & Jews; recip. Human Relations Award, AJC, 72.

New York, USA.

RUTENBERG, Michael E.; Prof. of Drama; Principal, School of Drama & Cinema, Beith Zvi, Ramat Gan, 71-; b. USA, 30.7.1930; to Israel, 1971; ed.: Brooklyn Coll., B.A. (Psychol.) 57; Yale U. (Drama), M.F.A., 60; D.F.A., 65; m. Anna, 1961; 3 d.: Elana, Melanie, Brielle; p. Prof. of Drama, Hunter Coll., City U. of N.Y.; p. Instructor in English & Drama, Central Conn. State Coll.; cnslt in drama therapy, Phoenix House (rehab. center f. drug addicts in N.Y.C.), 69-70; artistic dir.: Monticello Playhouse, N.Y.; Sile Circle Playhouse, N. Carolina; Deertrees Summer Theatre, Harrison, Maine; contrib.-editor, Players Magazine; mbr: Am. Educ. Theatre Assn, Scty of Stage Dirs. & Coreographers, Am. Speech Communication Assn; author of "Edward Albee: Playwright in Protest", Avon Books, 70; awarded City U. Grant, to write Albee Book, 68; Tuition Scholarship, Yale U., 57-60.

64, Aluf David St., Ramat-Chen.

RUTTENBERG, Harold J.; econ., industrialist; Chmn & Chief Exec. Off., AVM Corp.; Pres., Kaydee Land Comp.; Mng. Dir., Humanation Associates; Dir.:

Keystone Aeronautics Co.; Rehovot Instruments Ltd.; America-Israel Chamber of Comm.; Investor & Dir., America House in Tel-Aviv; mbr: Friends of Israel Museum; Isr.-Am. Chmbr of Comm.; b. 22.5. 1914, St. Paul, Minn., USA; ed.: U. of Pittsburg, B.A., 35; m.: Katherine Monori; 3 s.: Dr. Charles L., James E., Rabbi Edward F.; d.: Ellen Rabin; cnslt: Min. of Trade & Indus. of Isr., 68-69; Isr. Aircraft Indus., 70-71; deleg., Isr. P.M.'s Confer., 68, 69, 73 (chmn, metal c'tee, 69; mbr, electron c'tee); publ.: "Dynamics of Industrial Democracy" (w. Clinton S. Golden); "Self Developing America", Harper, 60; "How to save and create Jobs in the Pittsburgh Area", 63; "Incentives and Productivity in Israel Industry", "Public Administration in Israel and Abroad", 71; cit., Isr. Min. of Def., 67.

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SAAR, Tuvia; Journ., Boardcaster; Head, Tel Aviv T.V. Edit. Staff; b. 24.4.35, in Jerus., grad. High Sch. & Sch. of pol. Sciences, Jerus.; m.: Medi; d. Gal; s. Ran; p. Snr. Milit. Corr. of the Broadcast. Serv.; head, team of mobilized broadcasters in the 6 day war; studied french telev. as guest of the French Govt. (65); with IDF as Seren; p. Navy Off., later assigned to Galei Zahal (Brdcat. serv. of the IDF) as Chief editor of speaking programes.

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SABAH, Alfonso; admin. of companies; Unico-Migdal Shalom, Tel-Aviv; b. 14.12. 1917, Tangier; to Israel, 1958; ed.: Diplome d'Études Commerciales (Morocco); m.: Gladys Lasry; ch.: Yomtov, Sol (Toaff), Samuel, Yehuda; mbr: board of trust., Bar-Ilan U.; board Heichol Shlomo; Shaarei Tzedek Hosp.; Bnei Akiva Yeshiva, Nathanya; Clal Invest. Co.; Bank Hamizrachi Hameuchad, etc.; p. active in soc. relig., zion., educ. life in Casablanca (Morocco), 40-55.

48 Dizengoff St., Natanya.

SABIN, Albert B.; Pres., Weizmann I. of Sci., 70-72; U.S. medical researcher, educator; b. Poland, 26.8.1906; ed.: B.Sc., N.Y.U., 28; M.D., 31; D.Sc., 59; hon.: D.H.L., HUC-JIR, Cincinnati, 60; L.H.D., Coll. Conservatory of Music, Cincinnati, 60; D.Sc., Temple U., Phila., 61; D.Sc., O. State U., 61; D. hon. causa U. of Brazil; D.Sc., Bowling Green State U., O., 61; D.Sc., Miami U., Oxford O., 63; D. hon. causa, Hebrew U., 64; m.: Sylvia Tregillus; ch.: Deborah, Amy; distinguished service prof. of research pediatrics, U. of Cincinnati Coll. of Med., prof., s. 1946; chief, dir. of virology & cancer research, The Children's Hosp., Research Found, Cincinnati, on staff s. 1939; research asso. bacteriology, N.Y.U., Coll. of Med., 1926-31; house physician, Bellevue Hosp., N.Y., 1932-34; Natl. Research Council fllw., Lister I., London, Eng., 1934; Scientific staff, Rockefeller I. for Med. Research, N.Y., 1935-39; served U.S. Army (lt. col.), 1943-46; consultant: U.S. Army commn. on virus & rickettsial diseases; Armed Forces epidemiological bd., s. 1941; U.S. Public Health Service, s. 1947; Fllw., Am. Acad. of Arts & Sciences; hon. fllw., Royal Soc. of Health, Eng.; Main contributions: discovery of B virus; studies of human poliomyelitis (developed orally administered poliovirus vaccine known as the Sabin vaccine); studies on nature of encephalitis & the development of a protective vaccine; isolation of sandfly fever viruses; isolation of dengue viruses; first isolation of protozoon parasite; studies on ECHO viruses & their role in human disease; recip. of innumerable awards, honours from universities & Governments all over the world; recently, awarded the Walter Reed Prize (Am. Un. f. Tropical Health) by Dr. Larsch, at Rehovot; contributor of over 280 papers relating to infections diseases.

400 Rawson Woods Lane, Cincinnati O., USA.

SACHAR, Manual; S. African businessman; mbr., P.M.'s Economic Conference for Israel; chmn: Un. Zion. Assn; JNF Charitable Trust; Cape Brd of Heb. Ed.; vice-chmn, Un. Heb. Schs; co-chmn, Grand Bazaars Ltd.; dir., Peltours International; mbr, West. Province Zion. Cl.; b. 1.12.1912, Lithuania; matric., "Tarbut" Hebrew Medium School; m. Phylis Bergman, 11.7. 1946; ch.: Israel Jacob, Kenneth Abraham,

Rochelle; p. chmn, JNF; p. chmn, Rondebush Hebrew Congregation; mbr, exec. "Herzlia" Hebrew Day School, etc.
"Valley Heights", Brommaert Ave., Constantia Cape, South Africa.

SACHAROV, Aharon; Chmn & Mng. Dir., Sahar Group of Insurance Companies; Chmn, Brd of Dirs, Israel Reinsurance Comp. Ltd.; mbr, Brd of Dirs: Bank Atzmaut Ltd., Tel-Aviv; Investment Guarantee Corp., Israel Industrial Bank Ltd.; b. 20.8.1916, Jerusalem; m. Phylis Kahn; 1 s.; 2 d.
Herzliyah Pituah.

SACHAROV, Elyahu; Man. Dir., Taal, Manufacturers of Plywood Ltd.; b. Jerusalem, 1914; m.: Tanya Sherl; 2 d.; Veteran Haganah officer; IDF (rank of Lt. Col.).
Herzliya Pituah, Tel. 932357.

SACHER, Michael Moses; mbr, J.A. Exec.; Govnr of J.A.; Chmn JPA (U.K.); mbr of Cl.: Weizmann Inst. Fndn; Jew. Colonization Assn; Alternate Govnr, H.U. Jer.; Govnr Weizmann Institute, H.U., Reali School Haifa; mbr, Administrative C'tee JNF, for Gt. Britain & Ireland; p. Pres., JNF for Britain & Ireland; Comp. Dir.; b. Manchester, 17.10.1917; educ.: St. Paul's School, London; New College, Oxford (M.A.); m.: Audrey Glucksman, 1938; 3 s.; 2 d.
15 Upper Phillimore Gardens, London, W.8.

SACHNIN, Avraham; econ.; vice-mayor, Haifa, 64; b. Poltava, Russia, 31.7.1905; ed.: Technological Institute, Kharkow; to Israel, 1936; m.: Massia Dravitzky; s.: Ghideon; d.: Nava-Ilana; p. activ. Hanoar Hazioni, Poltava; deportation to Sibir, 3 yrs., for Zionist activ.; p. mbr., Exec. Comm., Histadrut Hapkidim; elected to Haifa Munic., 55; publ.: on municipal topics.
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SACHS, Arieh; Assoc. Prof. (English lit. & drama), H.U., Jer.; b. Tel-Aviv, 24.3.32; ed.: J. Hopkins U., B.A., 54, M.A., 55; Sorbonne, 55-56; Cambridge U., 58-60; m. Gaby Aldor, 1964; 1 ch.; Head, Drama Dpt., H.U.; p. stage dir., various theatres; Isr. corresp. of: Southern Review, The Scriblerian; author of "Passionate Intelligence: Imagination and Reason in the Work of Samuel Johnson", Johns Hopkins Press, 67; Poems on Velvet, 73; editor: Studies in the Drama, Magnes Press, 67; The English Grotesque, Isr. U. Press, 69; directed (plays): The Deluge, 66; Alice in Wonderland, 67; Peace, 68; Kol Adam (Everyman), 69; The Bacchae, 71; Kiotsune: "No", Radio Play, 73; Doctor Faustus, 73; Phi Beta Kappa, 54; Johns Hopkins Gen. Honors, 54; Woodrow Wilson Fellowship, 55.
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SACHS, Arieh Erich; LL.B.; pian., music teacher, coach, accompanist; Dir. of Programms, Music Dpt., Isr. Broadcast Authority; b. Katowice, 22.2.1908; to Israel, 1933; ed.: Berlin & Erlangen U-ies (law, philosophy); Conservatoire Stern, Berlin; m. Esther Erna Gruenewald, 1935; d. Neomi Dalioth; s. Yair; mbr: Assn of Isr. Journalists; Isr. Fed. of Labour, Artists Org.; arrangements of Israeli & Jewish Folkmusic; contrib., on musical topics, to local & frgn periodicals.
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SACHS, Leo; Ph.D.; Professor, Head of Dpt of Genetics Weizmann I. of Science; b. Leipzig, 10.14.1924; m. Pnina Salkind; 1 s.; 3 d.; educ.: Cambridge U.; w. Weizmann Institute, 52-; publ.: on cancer research & developmental biology.
Weizmann Institute, Rehovot.

SACHS, Menachem; Head, Dpt. of Vegetable Crops, Volcani Inst. of Agric. Research, 69-; b. Tel-Aviv, 8.1.1936; ed.: Agric. Scnd. Sch., Pardess Hanna; H.U., Jer., M.Sc.; U. of Calif., Davis, Ph.D.; m. Betsy Rozen, 1969; s. Aharon; d. Ruth; mbr: Isr. Botanical Scty, Am. Scty f. Hortucul. Sci.
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SACHS, H. Mendes; citrus grower, co. dir.; B.Sc.; Chmn: Mehadrin Ltd.; Brd of Dirs, Bank Leumi le-Israel B.M.; Cifico-Leumi Bank in Zuerich; Gan Chaim Coop. Soc.; Govnr, H.U. Jer.; Dir., Isr. Electric Co., Union Bank of Isr., Bank Leumi, 54-; Chmn Brd, 1st Israel Bank & Trust Co. of NY; b. USA, 17.11.1907; m. Celia Zelitan; 2 s.; educ.: Mary., Harvard Calif. U-ies; to Israel, 1931; Manager, Pardess Syndicate, 47-51; Managing Director, Mehadrin Ltd., 51-; articles on economic problems, on citrus industry, in American, English, Israel periodicals.
Gan Chaim.

SACHS, Rudolf; ophthalmologist; Head, Eye Dpt., Assaf Harofe Govt. Hosp., 57-; b. Cairo, 27.9.1910; to Israel, 1952; ed.: Strasbourg & Paris U-ies; m. 1937; 2 d.; 2 s.; p. Ophthalmologist, Jewish Hosp., Cairo, -52; Assoc. Lctr & Lctr post-grad., Fcty of Med., Tel-Aviv; Deleg. f. Israel, French Ophthalmological Scty.
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SACK, Yaakov; Gen. Dir., Keren Hakibutz Hameuchad Ltd.; mbr, brd of var. companies, as Hamashbir Hamerkasi Ltd.; Nir Ltd.; financing, invest., shipping & other co-ies; b. 1914, Germany; to Israel, 1934; ed.: Econ., Bus. Mngmnt; married; 2 s.; p. mbr of c'tee f. loans, Industry Dev. Bank Ltd.; active in: Public Cl. of Petrol.; K.K.L.; Soc. Security Center of Histadrut; C.C. of the Kibbutz Movt (Budget, Financing, Banking, Art, Teach. Seminar, etc.).
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SACKS, Martin Isadore; Prof. of Pathol.; Chief Physician, Dpt. of Pathol., H.U. Hadassah Med. Sch.; Assoc. Edit., Isr. Journal of Med. Sci.; b. 7.1.1925, Pretoria, S. Africa; to Israel, 1960; ed.: U. of Cape Town, Bachelor of Med. & Surg., 49; M. Med. (Path.), 54; mbr, Royal Coll. of Pathologists, 66; m.: Phyllis Friedberg; 4 ch.; sci. papers on var. fields of Med.; current interest mainly on Malignant Lymphoreticular Tumors.
57 Hechalutz St., Jerusalem; tel. 531103.

SACKS, Theodore Gerald; Assoc. Prof.; Head, Dpt of Clin. Microbiol., H.U. Hadassa Med. Sch. & Hadassa U. Hosp., 67-; Secr., Isr. Microbiol. Scty, 69-; b. Pretoria, S.A., 1929; to Israel, 1964; ed.: U. of Pretoria, M.B., Ch.B.; U. of Cape Town, M. Med. (Path.); m. Pauline Daniel, 1952; 1 s.; Lctr, U. of Cape Town, 56-59; Snr Lctr, U. of Pretoria, 59-64; Fllw, Royal Coll. of Pathologists, 71; mbr: Scty f. Gen. Microbiol. & Pathol. Scty, Gt. Britain; Am. Scty f. Microbiol.
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SADEH, Dror; Ph.D. Astrophysics; Assoc. Prof., Tel Aviv U.; b. in Tel Aviv, 25.2.32; m.: Haya; ch.: Shmuel, Michal, Yonatan; grad. High School "Bialik", Haifa, 48; Hebrew U., 55; mbr., Iraeli Atomic Energy Comm., 55-68; ed.: Sorbonne, Paris, Doctorat d'Etat, 57-60; extesion studies in Asrtophysics, UCLA, 65-66, & at Naval Research Labs, Washington, D.C., 66-68; main areas of interest: experimental test for general relativity; experimental x-ray astronomy; sent rockets and baloons with scientific instruments for the detection of x-ray stars & galaxies; publ.: 30 papers in Physical & Astrophysical Lit.; most quoted publication: proving experimentally the second postulate of the special theory of relativity; mbr., Physical Socty. of Am.; Astronomical Socty. of Am.; Philosophical Socty. of Washington; Israeli Physical Socty., & Europhean Physical Socty.; recipient of the gravitation award, 1967, granted every year by the Am. Gravitation Socty.
22, Neve Re'im, Ramat Hasharon; Tel 778540.

SADEH, Pinhas; writer; b. in Lwow, 29; to Israel, 1934; publ.: "Burden of Dumah", poems, 51; "Life As A Parable", 58. 68 (Hebrew, English; Shoken Ltd., T.A., Blond Ltd., London); "On Man's Condition", novel, 67 (Am Oved); "Death of Abimelech", novel (Schoken, 69); "Conversations w. P. Sadeh" (by Yosef Mundy), 69; "Book of Poems", colected poems, 70 (Schocken); "Voyage", Journals (Schocken, 1971); works translated into many frgn. languages; "Life As A Parable", dramatized & perfrm. in Israel.
3, Yehonathan St., Ramat Gan; Tel. 736484.

SADOFF, Ben; LL.D. (hon.); industrialist; Pres.: 20th Century Investment & Badger Liquor Co.; Temple Beth Israel; p. Chmn, JNF; UJA; b. 11.6.1900, Russia; m.: Dina Cohen (dec.); s.: Howard (dec.); mbr & p. Pres., B'nai B'rith; p. State Chmn, Natl Confer., Christians & Jews; mbr, Brd of Dirs: Am. Red Cross; Ripon & Marian Colls; trustee, Y.M.C.A.; awards: Golden Deeds, Exchange Club; Silver Beaver, Badger Cl., Boy Scouts.
Lakewood Beach, Fond du Lac, Wisconsin, USA.

SAFRAN, Alexandre; Chief Rabbi of Geneva; Dr. Phil.; Prof. of Jew. Thought at Geneva U.; b. 12.9.1910, Bacau, Rumania; ed.: u. his father, the Gaon Rabbi Bezalel Zeev Safran of Bacau; U. of Vienna, Ph.D., 33; m.: Sara Reinharz; ch.: Dr. Esther Starobinski, Dr. Avinoam Bezalel Safran; repres. of Jew. World Orgs. to U.N. Europ. Office; Intl C'tee of Red Cross; High Comm. f. Refugees, Geneva; mbr, Standing C'tee of Conf. of Europ. Rabbis; Chief Rabbi of Rumania, 39-48; mbr, Rumanian Senate, 40; Pres., Underground Jew. Cl., Bucharest in World War II, intervened with Ruman. govt. officials & the Church to alleviate anti-Jew. measures; succeeded in getting annuled German orders to deport Ruman. Jews to Poland; deleg. to World Zion. Congs, 37, 39, 46; Pres.: Ruman. Mizrachi, 45; Cent. C'tee, Ruman. Zion. Org., 45; at Moshe Sharett's request, intervened w. Archbishop of Canterbury and Justice E .Sandstrom, Pres. UNSCOP f. immigration of Ruman. Jews to Palestine, 47; Pres., Europ. Educ. & Cult. Conf. of WZO, Paris, 51; publ. books on Kabbala, educ. & Jew. moral, etc.
11 rue Marignac, Geneva, Switzerland.

SAFRO, Paul; Cert. Publ. Acc.; snr partner, Westheimer, Fine, Berger & Co., CPA's, 39-; p. Natl V.P. ZOA; dep.-mbr, ZAC; Pres. of Kfar Massada Youth Camp; mbr of many UJA & Bonds missions to Israel (11 trips); deleg. to WZC; b. Warsaw, 29.5.1912; ed.: Coll. of the City of N.Y.; m. Miriam Scheck, 1938; d.: Julia Edelman, Marti Kopp, Naomi Kolbrenner, Adele Rosen; p. Chmn, UJA Israel Emerg. C'tee of the C.P.A.'s, & Guest of Honor, UJA; Chmn & Guest of Honor, Bonds f. Israel; brd mbr: Rabbi Herzog World Acad.; Beth El Temple of Cedarhurst, N.Y.; mbr, Natl Admin. C'tee of B'nai Zion; founder, Eleanor Roosevelt Inst. f. Cancer Research; Board of Dirs., UJA; mbr: New York State Scty of C.P.A.'s; Am. Inst. of C.P.A.'s; Vicepres.: Long Island Zion. Fndn; Long Island Cl. of JNF; Vice-chmn. brd of dirs, Flushing National Bank; Mason; author "Pay-as-You 60 Tax-Emplained", "Your Tax Guide; recip. of many awards f. his Zion. & pro Isr. activities.
11, Copper Beech Lane, Lawrence, New York, USA.

SAGALOWICZ, Jakub; Vice-Pres., "Brith Ivrith Olamit", France; Dir., Mizrachi European Office; corresp. of "Hazofe" (Hebrew daily), 48-; b. Mlawa, Poland, 1.10. 1900 (son of Rabbi Jechel Moshe Sagalowicz); ed.: scnd school & talmudic studies; Rabbin. Exam., Warsaw, 26; m. Nechama Cukierman, 1929; 1 s.; 1 d.; co-

founder, "Zeirei Mizrachi" in Mlawa; secr. of Mizrachi & editor of its "Bulletin", Lodz, 46-47; deleg. to Zion. Congresses; Dep.-mbr, of the A.C. of WZO; mbr: Cl. of Zion. Fed. in France; Exec. C'tee, Mizrachi — Hapoel Hamizrachi, France.
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SAGHER, Felix; Physician; Prof. of Dermatology & Venereology; head of this Dpt., at Hadassah-U. Hosp. & Hebrew U.-Hadassah Med. Sch.; Med. Dir., Govt. Hosp. f. Hansen's Disease, Jerus.; b. Innsbruck, Austria, June 12, 1908; educ.: Prague U., M.D., 1932; m.: Ruth Dostrovsky; ch.: Uri, Tamar; post-grad. studies, Mayo Clinic, Rochester, Minn., USA, 47-48; Skin & Cancer U., N.Y., Res. Assist. & Fllw. in Dermat., NY Postgr. Sch.; Natl. Leprosarium, Carville, Louis., USA; hon. mbr of Derm. Socties. in many European, Asian, American & South Am. countries, also of the Pacific Derm. Assn.; corresp. mbr. of ADA; Chmn, Israel Dermatological Society; visit. prof., UCLA; Secretary Gen. & Treasurer of Intl. C'tee of Dermatology; author of: "Mastocytosis & the Mast Cell" (S. Karger, Basle / New York & The Year Book Publishers, Chicago, 1967); over 100 papers.
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SAGIV, Matityahu; Mng. Dir., "El-Ram" Housing Corp., 73-; p. Mng. Dir. (68-73), "Mivnei Taassiah" Ltd. (Industrial Building Corp. Ltd.); b. in Poland, 1919; to Israel, 1925; m. Sarah; 2 d.: Rahel, Tamar; p. gvt. off., Ministry of Housing.
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SAGNER, Alan; first National Chairman, Young Leadership Cabinet of the United Jewish Appeal; member, Executive Committee of both the nationwide United Jewish Appeal and of the Young Leadership Cabinet; p. Gen. Chairman of drives of the UJA, Essex County; Past Pres., Rotary Club; member of Temple Israel in The Oranges; b. 1920, Baltimore; grad. the U. of Maryland, 42; prominent in the building field as a partner in the Levin-Sagner Comp.; Pres. of Newark Behn-Israel Hosp.
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SAHAR, Abraham; M.D.; Chief Physician, Snr Lctr, Dpt. of Neurosurgery, Hadassa U. Hosp., Jer.; b. 1931, Bialystok, Poland; to Israel, 1941; ed.: H.U. Hadassah Med. Sch., grad. 58; m.: Dea Goldberg; 3 ch.; mbr: Congr. of Neurol. Surgs; Scty f. Res. into Hydrocephalus & Spina Bifida; charter mbr, Intl Scty f. Pediatric Neurosurg.; 30 sci. publ.
11 Berechyahu Street, Jerusalem; tel. 527975.

SAKER, Jacob; Mng. Dir., J. Saker & Co.; El. Saker Ltd., Haifa, 47-; mbr., Brd. of Dirs., Clal Israel Investment Corp.; mbr, C'tee & Exec. C'tee, Anglo-Israel, Danish-Israel & Israel Sweden Chambers of Commerce; b. Haifa, 1918; m. Ruth Goldstaub; 1 s.
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SALAMON, Benjamin; M.A.; Ph.D.; Econ.; Man. Dir., Yeda Research and Development Co. Ltd.; Dir.: Miles-Yeda Ltd.; International Technical Cooperation Center and Tourist Industry Development Corporation Ltd.; Koor Industries Ltd.; SIDCO Ltd.; at Weizmann Institute, 62-; b. Lithuania, 7.5.1929; m. Pearl Nahum; 3 d.; 1 s.; ed.: H.U., London Sch. of Economics; p. Econ. Adviser, Ministry of Comm. & Industry, 1957; Dep. Dir., Israel Investment Center, 1958; Secretary, Yeda Research and Development Co. Ltd., 1959; U.N. International Essay Award, 1952; Mbr. Exec. C'tee, Indep. Liberal Pty.; various articles in economics.
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SALAT, Dov; dir., Etz Lavud Ltd. & affil. companies; born in Poland, 1910 (fourth generation of plywood manufacturing family in Poland); founder and builder of: Etz Lavud Ltd.; the first plywood factory in Palestine (Bet Dagan), 40; has degree in commerce of St. Gallen U., St. Gallen Switzerland; married; two daughters; only son lost in active service at Suez Canal in 68.
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SALAT, Tsevi; dir. Etz Lavud Ltd. & affil. companies; born in Poland, 1916; settled in Palestine, 1934; Grad. of Mikveh Israel Agric. Sch.; fourth generation of plywood manufacturing family in Poland; builder of the first plywood factory in Palestine (Bet tDagan), 40; organiser & builder of Etz Lavud, 52; introduced in Israel the manufacture of particle board in 1956 & the manufacture of decorative plactis laminates (formaica), 60.
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SALEM-CAZES, Oscar J.; B.A. Manager, Israel Discount Bank Ltd., 50-71 (ret.); b. Salonica, June 14 1901; m.: Nina Sciaky; Bank Chief Accountant, 26-30; Bank Mng, 1930-1939; Assist. Man. U.K.C.C., Aden, 1944-46.
85 Gordon St., Tel-Aviv; Tel. 231314.

SALKIND, Gershon; electrical engineer; Managing Director, ELCO Ltd.; b. in Berlin, 16.10.1928; educ.: Polytechnicum of Zuerich (E.T.H.), Dipl. Eng. (physics); m.: Sarah Goldberg; 2 s.; 1 d.; to Israel, 1933.
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SALMAN, Yaacov; Dir., Govt. Corporations Authority, 68-; Dep. Dir. Gen,, Min. of Finance, 66-68; b. 9.9.1926, Poland; to Israel, 1939; ed.: grad. HU Jer.; grad. Coll. of Natl Security ;m. Atara Lastchiwer; 3 ch.; w. IDF, -54 (w. rank of Sgan-Aluf); Dep. Income Tax Comm., 54-60; Dir., Compensation Fund & Property Tax., Min. of Finance, 60-65.
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SALOMON, Jack; Cardiovascular & Thoracic Surg.; Snr Lctr, Tel-Aviv Med. School; Dep. Head, Thoracic & Cardiovascular Surg. Dpt., Beilinson Hosp.; b. Iraq, 15.1.1920; to Israel, 1951; ed.: H.U.

Med. Sch., Jer.; m. Edna; 2 d.; mbr, Isr. Surgical Scty; 30 publ. in the field of surgery.
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SALOMONOWITZ, Adolf; Dr.; Obstetrician; Social Med.; Dir., Health Center, Kiryat Shmone; b. Moravska Ostrava, 15.7.15; ed.: Prague U.; to Israel, 1949; m.: Bertha De-Vanony; ch.: Efraim, Yoram; p. med. women's dpt. Karlsbad; publ. on topics of Obstet.; aw.: Work prize, 67; Dr. Ziman Prize; Hon. Citizen, Kiriath Shmone.
16, Hagalil St., Kiryat Shmone; Tel. 40068.

SALPETER, Eliahu A.; Journalist; Edit. writer; mbr. Edit. Brd., "Haaretz"; b. 1.11.27, C.S.R.; ed.: Fcty. of Journalism, Prague U.; Hebrew U. (Soc. Science); to Israel, 1949; m.: Ruth Freimann; ch.: Ron, Noam, Vered; p. reporter, "Mlada Fronta", Prague (46-47); repr. "Assoc. Press", Prague (47-49); "Uj Kelet", Jerus. (49-50); "Jerusalem Post" (50-53); "Haaretz", econ. corresp. (51-53); "Haaretz", Washington Corresp. (53-56); JTA, Israel Bureau chief (56-61); "Haaretz" polit. corresp. (57-61); "Haaretz", Washington corresp. (61-65); Mng. Edit., 65-68; in pres. pos., 68-.
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SALPETER, G. Julius; building contractor; b. Hungary, March 10, 1902; m.: Rachel Goldenberg; 2 s.; educ.: Technical College, Budapest; to Israel, 1921; mbr. General Council, Liberal Party; Chairman, Shikun Ezrahi; mbr, Town-Council, T.A.; pres., Isr.-Ceylon League of Friendship; President, United Hungarian Jews; patron of sev. children's institutions; articles, in periodicals, Israel, Hungary, Czecnosiovakia, Rumania.
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SALTMAN, Abraham; merchant; chmn, Holyoke Zion. Cl.; life mbr ZOA; deleg., AJC; pres.: Deluxe Package Store; Holyoke & Westfield Railroad Co.; b. 26.7.1905, Liverpool; ed.: Holyoke HS; Lasalle Extens. U.; Armed Forces War Coll.; m.: Syd E. Schultz; ch.: Richard T., Stuart I.; p. pres., Combined Jew. Appeal; p. dir., natl confer., Christ. & Jews; dir. Commty Savings Bank; affil. mbr, Holy Land Royal Arch Chapter No. 8 of Isr. & the Grand Repres. of the Supreme Grand Royal Arch Chapter of Isr. to the GRACH of Mass.; publ.: "Wines & Vines", 40; various news columns during establishm. of State of Israel; recip.: Dist. Service — JTS, Grand Cl. R. & S.M.; Shrine Pro-Merite award; 33rd Degree Mason, Kentucky Colonel, etc.
208 Walnut St., Holyoke, Mass. 01040, USA.

SALTMAN, Avrom; M.A.; Ph.D.; Prof. of History, Bar-Ilan University ;F.R. Hist. S.; born in Whitley Bay (England), 17.11. 1925; m. Ilse Rabinowicz; ed.: Cambridge, London U-ies; to Israel, 1957; author of "Life of Theobald, Archbishop of Canterbury", 56; "The Cartulary of Tutbury Priory", 62; "The Cartulary of Dale Abbey", 67.
5 San Martin St., Ramat-Gan.

SALTZ, Nathan J.; surgeon; B.S.; M.S.; M.D.; Chmn., Dpt. of Srgry., Hadassah-U. Med. School & Prof. of Srgry., id.; b. New York City, 1.11.1912; m.: Dr. Armen Bagdasaroff; ch.: Jenny, David; ed.: B.S., U. of Florida, 34; M.S., Emory U., 35; M.D., Emory U. School of Med., 39; Interne & house srgn., Kings County Hosp., 39-41; U.S. Army Srgn., Cpt., 41-45; resid. in srgry., M. Reese Hosp., 45-46; resid. & chief-resid. in srgry., U. Hosp. N.Y.U., 46-49; visit. chief resid. srgn., Hadassah Jerus., 50; to Israel, 1952; exec. off., Dpt. of Srgry., Hadassa-U. Hosp., 52-60; chief of srgry. & chmn. dpt. srgry., ibid., 62-; prof. of surgery, Hebrew U., 64-; mbr., Natl. C., Israel Srgcal. Scty.; fllw., Am. Coll. of Surgeons; S-te International de Chirurgie; James IV Assn. of Surgeons; Dipl., Am. Brd. of Srgry.; publ. in leading surgical journals.
10, Alkalay St., Jerusalem; Tel. 31048.

SALTZMAN, Maurice; b. 1918, Cleveland, Ohio; Chairman of the Board and Chief Exec. Officer of Bobbie Brooks, Incorp.; Pres. of the Cleveland Jewish Community Fed.; Trustee of Brandeis U., on the Board of Governors of Case-Western Reserve U., a Trustee of the University Circle Development Foundation, and a Trustee of Mount Sinai Hospital of Cleveland; Dir. of: Ohio-Sealy Mattress Comp., Multi-Amp Corp., Midwestern National Life Insurance Comp., Capital National Bank, and Realty Re-Fund Trust; also on Jetport Committee (LERTA); National Conference of Christ. & Jews Human Relations Award, 66; Harvard Bus. Sch. Club of Cleveland-Business Statesmanship Award, 66; B'nai B'rith Humanitarianism Medal, 66; Sterling Silver Medallion from Jewish Community Federation, 68 (Special Citation for 50th Birthday).
Cleveland, Ohio, USA.

SALZBERGER, Maccabi; M.D.; Clin. Snr Lctr, H.U. Med. Sch.; Med. Dir., Misgab Ladach Hosp., Jer (Head, Dpt. of Obstet. & Gynecol.); b. 19.3.1924, Jerusalem; m.: Lotte Wreschner; 2 ch.; head res. team on fetal death & diabets, sponsored by the H.E.W., USA; publ. on sterility & ovarian disfunction (in colab. w. endocrinol. dpt. of Med. Sch., H.U. Jer.).
8 Ben-Lavrat St., Jerusalem; tel. 32161.

SALZMAN (Wisser), Gail D.; aeronautical eng.; painter, etcher, 65-; b. Atlanta, Georgia, USA, 16.1.1936; to Israel, 1968; ed.: U. of Maryland, Aeronautical Eng. Degree, 38; studied — w. various American painters, 60-68; etching w. Tuvia Beeri, Isr., 69-70; etching & silk screen art w. Zvi Tolkovski, Isr., 70-71; m. Sheldon Salzman, 1958; d.: Rachel, Amber, Eve; s. Mitchell; Assist. Eng., Navy Dpt. (Res. Div.), Washington D.C., 75; Eng., Chrysler Corp., Mich., 58-59; paint. exhibs in the USA, 65-68: South Oakland Artists & Art Assn Gall., Russell Woods Fest. of

Arts, Royal Oak Arts Assn, Birmingham Arts Fest., Detroit Gen. Hosp., Universal Hall; Monaco Biennial Exhib. of Intl. Art, 71; exhibs in Israel, 69-71; Fest. of the Plastic Arts, T.A.; "New Members", Assn of Paint. & Sculpt.; Etching '70 & '71; Painting & Sculpture Based on Elliptical Form; Artist Proof. '71, Jer.; one-man exhib. of Etchings, Modern Art Gall., Caesarea Old City; recip.: 1st Prize, exhib. of the Royal Oak Art Assn; 66; do., 1st Prize & "Judge's Choice", 67; "Best of Show", Universal Mall Exhib., 68; works acquired by Discount Bank & private coll.
9, Mevuot, Savyon; Tel. 754682.

SALZMAN, Pnina; pianist; b. Tel-Aviv; m.: Igal Weissmann; 1 d.; educ.: Ecole Normale de Musique, Paris; Paris Conservatoire; 1st Prize, Paris Conservatoire; recitals & concerts throughout Europe, USA, South America, Japan, Australia, New Zealand, S. Africa, Rhodesia, Egypt, Israel; soloist with orchestras conducted by Sir Malcolm Sargent, Paul Paray, Charles Muench, etc.; over 200 concerts with IPO.
20 Dubnov St., Tel-Aviv; Tel. 221993.

SAMET, Gideon; Mng. Dir., "Haaretz" Daily, 71-; b. Israel, 13.3.1940; ed.: H.U. Jer., B.A. (Political (Sc.); m.; 2 s.; p. editor, Galei Zahal, Israel Army Radio, -71.
7, Hamishna St., Tel-Aviv; Tel. 440944.

SAMET, Shimon; journalist; mbr., editorial board, "Haaretz" (daily); corresp., I.B.S.; foreign corresp.; mbr., c'tee, Journalists Assn.; b. Zolkiew (Poland), March 13, 1904; m.: Anda Weiler; 1 s.; to Israel, 1926; mbr., editorial board, "Davar", 27-31; joined "Haaretz", 32; co-founder of Journalists' Assn.; first journalist from Palestine to visit Poland after world war II, 46; delegate to journalists' conventions; on study tour, USA, 51; author of "Be-Voyi Le-Maharat"; "Behind the Red Curtain"; numerous articles on missions to Europe, USA, etc.
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SAMISH, Moshe Rudolf; Ph.D.; Prof., Agricultural Faculty, Hebrew U.; Head, Division of Pomology and Viticulture, Volcani Institute f. Agric. Res. Rehovot, 51-69; pres., Isr. Botanical Scty, Intl Comm. f. Plant Analysis & Fertil. Prob.; member, American Society f. Horticultural Sciences; American Society Plant Physiologists; Sigma Xi, Phi Sigma, Rotary; b. Karlove Vary (Carlsbad, C.S.R.), March 20, 1904; m.: Zdenka Kohn; 2 s.; educ.: Prague U., California U.; to Israel, 1923; returned 1935; acting head, Division of Horticulture, 1946-51; Prof., 69-; papers on plant phenolases, dormancy, nutrition and irrigation of fruit trees, use of growth substances in horticulture, etc.
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SAMSON, Julius L.; att. at law; partner, Samson & Harlow lawfirm, Los Angeles; Hon. Pres., Beth Jacob Cngrn, 72- (Pres., Cngrn of Beverly Hills, 67-72); Natl Commis. B'nai B'rith Youth Org., 71-72 (Natl. Comm. of Adult Jew. Ed., 65-71; Pres.: S. Calif. Cl., 60-61; B. Bogen Lodge, 40-41); b. 22.4.1911, Michigan, USA; to Israel, 1970; ed.: U. of S. Calif., B.A., 33; South West. U., J.D. (Magna Cum Laude), 46; m.: Sylvia Crystal; ch.: Shaari Drori, Lee, Hershel, Rachel; p. snr partner, lawfirm of Samson, Sternfeld, Goldwasser & Siskind; Pres.: L.A. Cl. Mizrachi- Hapoel Hamiz., 54-64; Rel. Zion. Org. Pacific Coast Reg., 65-72; Ponevez Yeshiva Ann. Banquet - Chmn, 69; co-Chmn, 71-72; mbr, brd of dirs: Hillel Heb. Acad., Beverly Hills; Rambam Torah Inst., Yeshiva HS, L.A.; West Talmud. Smnry, L.A.; Yeshiva U. West Coast Teach. Inst., L.A.; awards: UIA Man of the Year, L.A., 54; Isr. Bonds Appeal, 68, 69, 70; Akiva, B.B. Dist. Grand Lodge 4, 70; Chai cit., Jew. Centers Assn of L.A., 61.
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SAMSONOV, Rema; singer; b. in Israel; att. Teachers' Seminary Art Academy; music studies in U.S.A.; appearances with I.P.O., Israel Opera, Voice of Israel Orchestra & var. orchestras abroad; mbr., Israel Chamber Ensemble; won acclaim at Moscow Youth Festival & as "Baba" in Menotti's "Medium", performed by the Ensemble.
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SAMUEL, Jochanan; Assoc. Dir., Bezalel Acad. of Arts & Design; b. Berlin, Feb. 28, 1914; m.: Irm Shulamith Seligmann; 2 s.; Univ. & Teachers' Inst., Berlin; I.D.F., Command and Staff College (Lt. Col.); to Israel, 1938; various IDF staff & command posts, 48-62; co-founder & member of Ein-Hod, Artists' Village; Gen. Secr., Am.-Isr. Cultural Foundation, 63-70.
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SAMUEL (Grossman), Rinna; B.A.; journalist; edit., Weizmann Institute periodical, "Rehovot", 59-; b. London, 6.9.1921; m. David Herbert Samuel; 1 s.; 2 d.; educ.: New York U.; w. Time Magazine, 43-48; edited Israel Digest, Israel Consulate, Los Angeles, 48-51; Feature Desk, Jerusalem Post, 51-52; New York Times Book Review, 53-57; publ.: "Israel & The Holy Land"; "Israel, Land of Faith"; "Israel — Promised Land to Modern State".
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SCHRAYER, Max Robert; General Chairman of the Combined Jewish Appeal of Metropolitan Chicago (Chairman of the Important Trades, Industries and Profess. Division f. two years before being named Gen. Chmn, in 1964); Dir., Jew. Welfare Fund of Metropolitan Chicago; p. Pres. of the Congregation Kehilath Anshe Mariv; Pres. of Beth Am f. two years; also served long terms as Vice-Pres. & Pres. of the Chicago Federation of the Union of Am. Heb. Congregations; served on the Exec. Board of the natl organization for more than ten years; p. Vice-Pres. of the Chicago Board of Jewish Education for several years; he has served on the Board of Trustees of Mount Sinai Hospital, and also gives service to Roosevelt University, where he is currently Vice-Chairman of its Board of Trustees and p. Chairman of its Founder and Friends Org., mbr. Natl Board of Sponsors of Religion in American Life and chairman of the local body of that org.; Chmn: South Shore-O'Keefe Community Conservation Council; Urban Renewal Committee and a member of the Board of Dirs of the South Shore Commission; a member of Mayor Daley's Advis. Board on Community Affairs; a leader in the insurance field, he is Senior Vice-Pres. of Associated Agencies, Inc.; awarded the Chartered Property Casualty Underwriters designation in 1954; graduated in 1923 the University of Michigan (Mech. Eng.); member of such honorary fraternities as Tau Beta Pi, in engineering; Pi Delta Epsilon, in journalism, and Michigamua, and honorary men's society; p. Pres., University of Michigan Club of Chicago.
Chicago, Ill., USA.

SCHULMAN, Lawrence S.; Assoc. Prof. of Physics, Technion Haifa & Indiana U., USA; b. 1941, USA; to Israel, 1972; ed.: Yeshiva U., B.A., 63; Princeton U., Ph.D., 67; m.: Claire Sherman; 3 ch.
Physics Department, Technion, Haifa.

SCHULSON, Hyman Abraham; lawyer; Dr. Jur.; priv. practice, Washington; b. 25.12.1912, Jerusalem; in USA, 1917-; ed.: Brown U., B.A., 33; Yale U. Law Sch., LL.B., 36; m.: Ruth Henricks; 2 s.: David, Henry; d. Anne Rachel; Couns. ZOA, 40-42; U.S. Army, 42-46; repr. J.A. before U.N. at Lake Succes, 47-50 & in Paris, 50; admit. to U.S. Supreme Court; mbr: Cong. Shearith Isr., A-J Congr., A-J Comm., A-J Hist. Scty, A-J Trecentenary Comm., Am. Comm. f. Weizmann Inst., Am. Friends H.U., Am. Technion Scty, JNF, UJA of Greater N.Y., Phi Beta Kappa; recip.: Gaston Prize f. excell. in oratory (Brown U.); Preston Gurney Lit. Prize; Francis Wayland Sch.; Commencement Speaker.
55 Liberty St., New York, N.Y. 10005, USA.

SCHUTZBERG, Jaacov; agriculturist; mbr. kibbutz; b. Drohobycz, Poland, 29.1.1906; to Israel, 1926; ed.: High School & Technion; m. Adina Fenster, 1929; 2 d.; 1 s.; mbr: Hamerkaz Hahaklai; High Court of Histadruth; J.A., Budget C'tee; Tnuva Exec.; brd of dirs., "Paza"; control c'tee, Natl Cl. of Cotton Production; Isr. Cl. of Cooperative Movt.; Mapam Pty Cl.; chmn, control c'tee of the Natl Cl. of Milk Production; mbr; C.C. of Mapam, -68; Exec. Cl. of Kibbutz Artzi (f. 25 years), -69; deleg. to 3 Zion. Congresses; articles on econ. & soc. problems in "Al Hamishmar", Hakibbutz Haartzi & Histadruth publ.; listed in the "Golden Book" of KKL.
Kibbutz Merhavia.

SCHWARTZ, Joseph; Industrialist; Trustee, Bonds f. Israel; chmn. brd. Cargal Ltd., Lod, Israel; Trustee, Combined Jew. Philantropies of Greater Boston, Mass.; Fllw.. Brandeis U.; Trustee, Beth Israel Hosp., Boston; v.p. Temple Mishkan Tephila, Newton, Mass.; pres., Allied Container Corp., Dedham, Mass.; brd. of dirs. of: Crowell Collier and MacMillan Publishing, N.Y.; Standard Packing Corp.; Standard Security Life Insur. Co. NY; Buckingham Corp. & Pioneer Plastics Corp.; b. 12.4.11, NYC; grad. Lynn Classical, Mass.; m.: Hazel Shapiro, 25.12.32; ch.: Mrs. (Arlene) Kenneth Bornstein & Mrs. (Linda) Maxwell Rosenbaum.
95 Cotton St., Newton, Mass., USA.

SCHWARTZ, Joseph J., Dr.; Vice Pres., (Exec.) State of Israel Bonds; p. Exec. Vice-Chmn., Unit. Jew. Appeal; b. Russia, 23.3.1899; s. Abraham & Goldie (Preil); m.: Dora Rechbach, 6.3.1923; s.: Nathan, Musicologist; educ.: Theological Smnry., 23; Ph.D., Yale U., 27; Sterling Res. Fllw., 28-29; hon. D.H.L. Yeshiva U., 1950; Instr., American U. Cairo, 28; L.I.U. Facty.; mbr. brd. of Gvrns., Dropsie Coll. f. Hebrew & Cognate Lrng.; hon. degree Dr. of Humane Letters, Brandeis U., 1960; & of D. of Hebrew L., Dropsie College; p. Dir., Feder. of Jewish Charities in Brooklyn; Dir. European Operations JDC, 38; chmn., Europ. Exec. Council JDC, 40-49; Dir. Gl., 50-51; Exec. Vice-Pres. UJA, 51-55; app. by Pres. Truman to accompany Earl G. Harrison on tour & to report on DP's in Europe; testified bef. the Anglo-Am. Comm. of Inquiry on Palestine; negotiated successfully rescue of tens of thousands of Jews from Nazi Germany & instrumental in transfer to Israel of more than 500,000 to Israel, after war; Recipient French Legion of Honor, decorations by Poland & Hungary; awarded, State of Isr. Silver Medallion (Immigr. Year): Scopus Award, by the Hebrew U.; elected, Presid. of Encycl. Judaica Research Fund; V.P. "Capital f. Israel", Inc.; hon. Ph.D. by the Hebrew U. 68; St. Wise Aw., 1950.
146, Central Park West, New York, N.Y., USA.

SCHWARTZ, Myer; exec. packaging; dir., America-Israel Chamber of Commerce & Industry; brd of gvnrs, Israel Bonds; trustee, Fed. of J.A.; vice-pres., Stone Container Corp.; b. 1.1.1919, Philadelphia, Pa.; ed.: U. of Pa.; Temple U.; m.: Helen Kaufman; dir., Settlement Music Sch., Phila.; awards: Jacob Mazer, by Am.-Isr. Chmbr of Comm.; "Chai", by Isr. Bonds; Allied Jew. Appeal, by Fed. of J.A.
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SCHWARTZ, Pinchas; Secr. Gen., Union of Artisans & Small Manufacturers; b. Poland, 1909; ed.: academical; to Israel, 1927; m.: Miriam; ch.: Eldea, Gedaliah ,Shoshana; initiator, co-founder of various organizational projects, housing projects, banking institutions for the benefit of the Israeli artisan; organised exporting facilities for the products of Israeli artisanship & small scale industry; Pres., "Bitachon" - Pensions Fund f. Artisans & Small Manufacturers; mbr, various Govt. advisory bodies; mbr, Brd of Dirs, Yerid Hamizrah Corp. Ltd.; mbr, Tel Aviv Master Plan Advisory Council.
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SCHWARTZ, Sidney; retired teacher, educator, book dealer; secr., Farband-Sirkin Club, Tel-Aviv; hon. secr., Histadruth Ivrit, Chicago; hon. mbr, Teachers Assn, Chgo; Heb. teacher in Am., 27-61; b. 15.12. 1905, Tykocin, Poland; to Israel, 1970; ed.: Yeshiva & Tachkemouny HS, Bialistok; Smnry f. Jew. Studies & Louis Inst., Chgo; m.: Penina Parmet; p. pres.: Teachers Assn; Poalei Zion Chptr "A.D. Gordon"; p. vice-pres.: Teachers & Dirs. Assn of USA; J.C. of St. Paul; p. chmn, C'tee f. Pub. Relats of Labor Zion. Chgo; p. secr.: Histadruth Ivrit, Zeirei Zion, Bonds — all in Chicago; p. mbr of brd, Magbit Hahistadruth; now mbr, dir. "Beth Israel" Syn. (Conservative), Natanya.
18 Tchernichovsky St., Natanya.

SCHWARTZ-MOSCOVICI, Jeanna; physician, M.D.; Snr Lctr, Dpt. of Human Microbiology, Tel-Aviv U. Med. Sch. 65-; do., Fcty of continuing Med. Educ., Tel-Aviv U.; b. Bucharest, 23.1.1921; to Israel, 1959; ed.: U. of Bucharest Med. Sch.; m. Dr. O. Moscovici, 1952; s. Ariel; assist., instructor, lctr, Med. Sch. & Postgrad. Med. Sch., U. of Bucharest; sci. collab., chief res. fllw, chief of lab., Rumanian Acad. of Sci., 48-58; instr., lctr, fcty of microbiol., Tel-Aviv U., 59-65; Secr., Isr. Scty of Clin. Pathology; mbr: Isr. Scty of Immunology; Isr. Scty of Allergology; Scty of Gen. Microbiol., London; Association des résidents étrangères de l'Institut Gustave Roussy; about 80 sci. papers publ. in sci. journals abroad (Rumania, Italy, Israel, Switzerland, USA, etc.) on virology, immunology, immuno-pathology, allergy.
114, Ganot, P.O.B. Beit Dagon; Tel. 944395.

SCHWARZ, Avi; diamond dealer; painter; b. 1938, Rumania; to Israel, 1948; paint. studies, Avni Inst. Tel-Aviv, w. Marcel Ianco, Streichman, Steimatzky & w. Zvi Shorr and Prof. Schwartzman; m.: Nurit Rosenboim; 2 d.: Michal, Sigal; mbr, Isr. Paint. & Sculpt. Assn, 73-; one-man shows: Champs Elysee Gal., Johannesburg; Yad Le'banim Museum, Petach-Tikva, 72; Israelis Gall., Tel-Aviv, 73; partic. at collective exhibitions in Isr., Italy, South-Africa.
35 Harav Salant St., Petach-Tikva; tel. 918281.

SCHWARZ, Binyamin; M.Sc., Ph.D.; Prof. of Math., Technion, 55- (Chmn, Dpt. of Math., 71-72); b. 7.12.1919, Vienna; to Israel, 1938; m. Ruhama Agai; w. Jew. Brigade, 42-46; ed.: H.U. Jer. & Washington (St. Louis) U.; Research and Development Dpt., Min. of Defence, 49-52.
4 Havradim Rd., Haifa.

SCHWARZ, Gideon E.; snr lctr, math. & statistics, H.U. Jer.; b. 23.8.1933, Salzburg, Austria; to Israel, 1938; ed.: Haifa techn. HS, 47-51; H.U. (math. dpt.), M.Sc., 51-60; Columbia U. (statist dpt.), Ph.D., 56-60; Etienne Decroux Sch. of Mime, 58; Stanford U. post-doctoral, 60-61; H.U. (Psych dpt.), 70-72; 2 d.: Sharon, Orit; div. 72; m.: Assia Klachkin (1st m.: Dina Luisada); mbr, Isr. Math. Inst. ;fllw, Inst. of Math. Statist.; candidate, Assn of Group Therapy; attend. numerous workshops w. late Frederic Perls at Esalen Inst. in Big Sur, Calif.; held first Gestalt Therapy Groups in Isr.; mbr, Haifa Orch. (2nd violin), 50-51; played recorder (Halilit) w. Shoshana Damari, Town Hall, NYC, 59; on records w. Geula Gill; part. in Isr. radio progr. "You don't say" 5 times as panelist; invit. talk at 1970 annual meeting of Inst. Math. Statist.; led Gestalt Thrpy group at Beth-Oren, 73; visit. assist. prof. (statist.), Berkeley U., Calif., 66-68; publ. several papers in spec. periodicals; recip., fllwshp by the Miller Inst. f. Basic Res. in Sci., 64-66.
Hebrew University, Mathematics Inst., Jerusalem.

SCHWEID, Eliezer; Assoc. Prof. (Jew. Phil.), H.U. Jerusalem, 72-; writer; b. Jerusalem, 1929; ed.: H.U. Jer., Ph.D.; m. Sabina Fuchs, 1953; 3 ch.; mbr: Heb. Writers Assn, Isr. Zion. Conference; books: Shalosh Ashmurot, 64; On Bialik and Tchernichovsky, 68; Studies in Maimonides "Eight Chapters", 65; Ad Mashbeir, 69; The World of A.D. Gordon, 70; Feeling and Speculation, 71; The Theology of Crescas, 71; Jewish Nationhood, 72; Israel at the Crossroad, 73.
11, Yishai St., Jerusalem; Tel. 37647.

SCHWEITZER, Avram; economist; Financial Editor, Haaretz (daily), 1955-; b. Budapest, 15.1.23; m.: Ora Zuckerman; s.: Itzhak, Yoram; educ.: Budapest, Cambridge U.; to Israel, 1946; economist, Ministry of Finance, 49-53; Treasury's advisory staff, 53-55.
8 Yoash St., Tel-Aviv; Tel. 221593.

SCHWERIN, Ludwig; painter; b. Germany, July 10, 1897; m.: Margaret Fischer; educ.: Karlsruhe, Munich; to Israel, 1939; exhibitions in Israel, U.S., Holland, England, Germany, Switzerland, USSR, etc.; illustrator of many books: "Autobiography" "Vaermlaendischer Sommer", "Landscapes in Israel", "Views of Israel", etc.
12 Boaz St., Ramat-Gan; Tel. 722421.

SCHWIMER (Seifert), Rika; art., painter; b. Bielsko-Biala, Poland; to Israel, 1957; ed.: Academy of Fine Art, Cracov; married; s. Paul; p. activ., WIZO, Poland; mbr: Isr. Paint. & Sculpt. Assn; Intl Paint. & Sculpt. Assn, Paris; Union des Femmes Peintres, France; active, "Micha", "Ort", and many other organisations; individual shows: Tel-Aviv, 65, 67; abroad: Bielsko Museum, 50; Culture House, Cracov, 55; Intl Paint. Exhibition of Women, Paris, 67, 68; Intl Bienale, Vichy (France), 70; also part. in other group exhibitions, Israel & abroad; recip.: various awards in Bielsko, etc.; various prizes, 50, 55; many citations.
69/2, La Guardia St., Tel-Aviv; Tel. 33065; also Artists Quarter, Safed.

SCHWIMMER, Al. W.; Mng. Dir., Israel Aircraft Industries Ltd., 52-; b. USA, 10.6.1917; m. Rina; 1 s.; 1 d.; w. Douglas, Lockheed engineering, 37-40; Senior Flight Engineer, T.W.A., 40; U.S.A.F. Flight Engineer, 2nd World War; volunteered to Israeli army, MAHAL, 48; Col. I.A.F., Head of Engineering; w. Intercontinental Airways O/H & Maintenance of a/c, California, 50.
16, Hagderot St., Savyon; Tel. 751534.

SEELIG, Jehuda; Managing Director, Israel Glass Works "Phoenicia" Ltd.; b. Mannheim, Germany, 13.7.17; ed.: Gymn. & Commercial High School; to Israel, 1937; m.: Ilse Sundheimer; ch.: Ilana ,Yaron; p. mbr. Kibbutz Shamir; w. British Army Wld. War II: IDF. 48-50; Managing Director, The Israel Safety Glass Co. Ltd., (51-), & "Phoenicia" Ltd. since January 1966.
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SEGAL, Bernard G.; lawyer; snr partner, Schnader, Harrison, Segal & Lewis; hon. pres., Allied Jew. Appeal (p. pres., chmn of brd); lifetime mbr, brd of dirs (exec c'tee), Fed. of J. Agcies, Gt. Phila.; hon. dir., Jew. Family Serv.; chmn, Intl Hon. Board, Encycl. Judaica; brd of trust.: A. Einstin Med. Center; Jew. Public Scty of Am. (vice-pres., 60-66); Encycl. Judaica Res. Fndn; natl brd of dirs, Jew. League f. Isr.; brd of gvnrs, Brandeis Lawyers Scty; b. 11.6.1907, NYC; ed.: U. of Pa., B.A., 28; LL.B., 31; Gowen Fllw, 31-32; LL.D. (hon.): Franklin & Marshall Coll., 53; Temple U., 54; Dropsie U., 66 U. of Pa., 69; J.S.D. (hon.), Suffolk U., 69; D.H.L. (hon.), HUC — J. Inst, of Relig., 70; m.: Geraldine Rosenbaum; d. Loretta Cohen; s. Richard; Dep. Att. Gen. of Penna., 32-35; mbr, Am. Bar Assn — cl., sctn on Judicial Admin., 63-; Task Force, on a Natl Inst. of Justice, 72-; chmn, spec. c'tee on lawyers in Govt., 72-; life fllw, Am. Bar Fndn; trust., Phila. Bar Fndn, 64-; 2nd vice-pres., Am. Law Inst., 68-; fllw, Am. Coll. of Trial Lawyers, 55-; several govt. appointments & active in many Bar Assns and other profess. activities; perm. mbr, Fed. Judic. Confer. f. the Third Circuit, 45-; mbr, Natl Citizens' C'tee f. Commty Relats, 64-; Natl Advis. C'tee on the Natl Legal Serv. Program of the Off. of Econ. Opportunity, 68-; Comm. on Exec., Congressional & Judic. Salaries, 72-; brd of dirs, Penna. Legal Serv. Center; publ.: books & articles in law reviews & other legal & gen. journals; many awards & citations f. profess., civic charitable & other public activities.
1719 Packard Bldg, Philadelphia, Pa. 19102, USA.

SEGAL, Jacob; Judge, Chief of the Magistrate's Court, Tel-Aviv, 1960-; p. Grand Master, Grand Lodge of Free-Masons, Israel; b. Jaffa, Dec. 11, 1903; m.: Ada Siminovsky; educ.: Law School, Jerusalem; Turin U.; private legal practice, 29-57: mbr., governing bodies, of several public organizations; appointed Magistrate, 1957.
22 Helsinki St., Tel-Aviv.

SEGAL, Samuel; Lord of Wytham; physician, legislator; M.A., Oxford; Hon. Fllw, Jesus Coll., Oxford; M.R.C.S., Eng.; L.R.C.P., London; b. 2.4.1902, London; p. Snr Med Off., Min. of Health, Whitehall SW1; Squadron Leader, RAF Med. Serv.; M.P. (Lab.), Preston, 45-50; Hon. Vice Pres. & London Exec. C., Zion. Fed.; Vice Pres., Poale Zion; Anglo-Israel Chmbr of Comm.; Labor Friends of Isr.; Exec. C'tee (Chmn), Friends of H.U.; C., A.J.A.; mbr, Brd of Depties; Treas., Oxford Jew. Cngrn; Exec., Anglo-Isr. Assn Vice Chmn, O.S.E.; Chmn, Natl Scty f. Mentally Handicap. Ch.
Wytham Abbey, Oxford; 27 Chester St., S.W.1, England.

SEGAL, Shmuel; actor, "Habimah"; b. Poland, 1924; m.: Nediva; s.: Guri, Ami; ed.: relig. & drama schools; London Drama Acad. (L.A.M.D.A.); to Israel, 1934; famous artistic partnership with Sh .Rodensky ("The Shmuliks"); also, in celebrated Shalom Alechem Trio "Die Kleine Mentschelach" (Yidish), with Rodensky & Goldenberg; one man performances on stage & radio; CBS recordings in Hebrew & Yidish.
16, Blum Blvd., Tel-Aviv; Tel. 413783.

SEGAL, Zev; Ph.D., soc. psychol.; Dir., Community Work Dpt., Soc. Wlfr Dpt. of Haifa Municip.; Chmn, Isr. Assn f. Sex Ed.; mbr, Natl Cl. on Family Relations; b. 28.5. 1925, Nahalal, Israel; ed.: Reali Sch., Haifa; G. Williams Coll., B.Sc., M.Sc.; New York U., Ph.D.; m. Ruth Dubi; s. Rafi; d. Adi; p. secr., Isr. Students Org., Midwest USA; p. instruc., Paul Berwald Sch. of Soc. Work, H.U. Jer.; p. dir., Kinderwelt Camp (Farband) USA; p. lctr, Haifa & Tel-Aviv U-ies; books: The Stork's Secret (The story of how we are born and

grow); The Secret of Youth (f. adolescents); The Secret of Marriage (Towards family life); Adolescence; Youth - Drugs; lctring in family life ed., prep. f. marriage & sex ed.; family psychotherapy.
18a Tel Maneh, Haifa; tel. 245743.

SEGEV, Samuel; journalist; editor, in charge of Middle-Eastern affairs, "Maariv"; radio & TV commentator; b. Tiberias, 15.4.1926; ed.: Tel-Aviv U. (Gen. History & History of the M.E.); m. Miri Rosenthal, 1952; s.: Oudi, Arnon; served IDF (rank of Captain); mbr: Convention of Isr. Lab. Pty; Isr. Journalists Assn; author of: Be'eney Oyev (Maarachot, Tel-Aviv), 53; Meachorei Hapargod (Maarachot, Tel-Aviv), 54; Vietnam Between War & Peace (Otpaz, Tel-Aviv), 65; La guerre de six jours (Calman-Levy, Paris), 67; Israel, les Arabes et les grands puissances (Calman-Levy, Paris), 68.
35, Sinai St., Ramat Hasharon; Tel. 777896.

SEGINER, Arnan; Aeronautical Eng.; Snr Lctr, Dpt. Aero. Eng., Technion; b. 13.4.1936, Czechoslovakia; to Israel, 1937; ed.: Technion Haifa - B.Sc., 60; M.Sc., 63; D.Sc., 68; m.: Orah; 2 ch.; Res. Assoc., NASA Ames. Res. Cen., 68-70; publ. on Fluid Dynamics.
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SEGRE, Emilio; Prof. of Physics — U. of Palermo, Italy; San Marcos U., Lima; Hebrew Union Coll., Los Angeles; Nobel Prize, Physics, 1959; mbr, brd of gvnrs, Tel-Aviv U.; b. Tivoli, Rome, 1.2.1905; ed.: Dottore in fisica, Roma, 28; m. 1936, Elfriede Spiro (dec. 1970); married 2nd, Rosa Mines; s.: Claudio; d.: Amelia Terkel, Fausta; Assist. Prof., U. of Rome, 28-36; Prof. of Physics, U. of Palermo, 36-38; Res. Assoc., U. of Cal., Berk., 38-42 (Prof., 46-72); group leader, Los Alamos Scientific Laboratories, 43-46; Trustee, National Accelerator Laboratories, 67-70; mbr: Natl Academy of Sci., USA; Accademia Naz. Lincei, Italy; Indian Acad. of Sci., Bangalore; Akademie der Wissenschaften, Heidelberg; Am. Philos. Scty, Phila., etc.; co-discoverer: Slow Neutrons, Elements At, Tc, Pu, Antiproton; author: Nuclei & Particles, Benjamin 1963; Enrico Fermi, Physicist, U. of Chicago Press, 1970; about 120 papers in sci. journals; awards: Hoffman Medal, German Chem. Scty; Medaglia Cannizzaro, Accad. Lincei, Roma.
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SEIDEL, Hillel; mbr., Exec. C'tee, Histadrut; member of the Knesseth (Ind. L.), 74-; mbr., Independent Liberals, Chmn., Central C'tee, "Liberal Labour Movement"; Chmn., Brd., "Kurier i Nowiny" (daily); mbr., World Council, "Yad Vashem"; b. Cracow, 9.10.1920; m. Golda Sirkin; d.: Dorit, Judith; Chmn., Exec. C'tee, Hanoar Hatzioni Akiba, 45-47; p. Head, Absorption Dpt., Confederation of General Zionists; chmn., Aliya B, in Poland, 47; instrumental in drive for reforms of structure & wages policies of the Histadrut; initiated reforms in pensions policies; app. head, Histadruth Absorption Dpt., 1969-.
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SEIDEL, Joseph; econ.; Mng. Dir. of "Transport" (J.S. & Co.) Ltd.; p. Asst. Dir., Ministry of Develop., Jerus.; b. 4.6.20, Poland; educ.: High School of Econ., Frgn. Trade Faclty.; to Israel, 1950; w. Rassco Ltd., 52-56; Ex. & Mng. Dir. in var. corp.; exec. chmn. & mbr. brd. of dirs., The Instit. f. Petroleum Research & Geophysics, Azor; mbr. brd. of dirs. & Exec., Timna Cooper Mines, Ltd.; Israel Mining Industries for Res. & Devel.; Negev, Ceramic Materials; Hahofer Ltd., etc.; publ.: Project Evalution & Organization Systems.
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SEIGLEMAN, Merton; M.D.; consult. anaesth., Blackburn group of hosps., Manchester Reg. Hosp. Brd; mbr, Brd of Deputies British Jews; overseas mbr, Isr. Med. Assn; b. 19.6.1923, Salford, England; ed.: U. of Manchester Med. Sch., 47-53; w. Brit. Army — 42-47; volunt. f. Isr., 67; visit. anaesth., Ichilov Hosp., Tel-Aviv, 70-71; mbr: Assn f. Welfare of Soldiers in Isr.; Friends of H.U. Jer.; Assn of Anaest., Gt. Britain & Ireland; Fcty of Anaest., Royal Coll. of Surgs of England; Manchester Med. Scty; Brit. Scty of Med. Hypnosis; mbr of town council, Manchester, 62-65.
47 Meade Hill Road, Manchester, England.

SEKEY, Aryeh Andrew; Snr Lctr in Telecommunications, Sch. of Eng., Tel-Aviv U.; b. Budapest, 30.1.1935; to Israel, 1970; ed.: Technical U. of Budapest, U. of Leeds, U. of London (Imperial Coll.) - B.Sc., Ph.D.; m. Malka Nathan, 72; chairman, P.A.T.W.A. Assn of Gt. Britain, 64-65; mbr, techn. staff, Bell Tel. Labs, N.J., 65-68; Assist. Prof., City Coll. of N.Y., 68-70; contrib. to "Olei Britannia", mag. of British olim.
22, B'nei Dan St., Tel-Aviv.

SELA, Aharon David; Dipl. Ing., B.Sc., Mech. Eng.; Dir Gen., Israeli Steel Mills, 71-; b. Israel, 23.3.1922; Graduate, Technion, Haifa, 53; m. 1952; 2 d.; serv. w. IDF Corps of Ordnance (last assignment: Dep. Chief of Ordnance; rank, Colonel); founder-mbr, Intl Scty f. Terrain Vehicle Systems, ISTUS; publ.: papers on terrain vehicle systems, at intl conferences & periodicals.
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SELA (Liebman), Margalit; Assist. Dir., Israeli Center of Intl Theatre I.; Secr. governor bodies, Weizmann Institute of Science, -69; Director, Yad Chaim Weizmann; b. 10.3.25, in Poland; m.: Prof. Michael Sela; 2 d.; educ.: U. of Geneva, Switzerland; to Israel, 1933; w. Isr. Legation in CSR (48-50); Mbr. Adm. Council of Intl. Comm. for coordin. of out-of-school youth science activ., under ausp. UNESCO, 66-68.

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SELA (Salomonowicz), Michael; M.Sc., Ph.D.; chemist; Prof. & Head Dpt. of Chemical Immun.; Dean of Biol.; mbr: Brd of Gvnrs & Exec. Cl., Weizmann Inst.; Isr. Acad. of Sci. & Human.; Cl. of: Intl Un. of Pure & Appl. Biophys.; Intl Un. of Immun. Scties; Europ. Molec. Biol. Org.; Intl Cell Res. Org.; Vice-Pres., Advis. Brd of Basel Inst. f. Immunology; p. V.-Pres., Weizmann I.; b. Tomaszow (Poland), March 6, 1924; m.: Margalit Liebman; 2 d.; educ.: Hebrew U.; Geneva U.; Israel Prize in Natural Sciences, 1959; Rothschild Prize in Chem., 1968; Otto Warburg Medal, 1968; hon. mbr. Am. Socty. of Biolog. Chemists; Frgn Hon. Mbr, Am. Acad. of Arts & Sc.; Frgn Mbr, Max Planck Scty; Hon. Mbr: Harvey Scty; Scandinavian Scty f. Immunology.

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SELBST, Gerald; Managing Director, Africa-Israel Investment Ltd., 68-; Chmn, Brd of: Kiryat Weizmann - Sci. Based Industry Park Ltd.; Givat Savyon Ltd.; Dir. of: Migdal Binyan Insurance Company Ltd., Tiberias Hot Springs Co. Ltd.; b. USA, 1926; to Israel, 1954; ed.: London U., LL.B.; m. Nina Herbstein, 1950; s.: Yoram, Amitai, d.: Talya; active in business managing, development and construction.

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SELIGER, Martin (Menachem); Assoc. Prof., History, H.U., 67-; b. Eisenach, Germany, 5.9.1914; to Israel, 1936; m.: Hava Hollander; ch.: Daniela, Yael; educ.: Instit. f. Judaism, Berlin, 34-35; Hebrew U., 36-40; instructor, Aliath Hanoar, 40-41; instructor, history, "Ohel Shem" R. Gan, 41-44; principal, do., 44-46; principal, Kfar Saba second. school, 46-51, 53-54; hist. research, U. of London, 51-53; dir., Teachers' Smnry. M. Pein, 54-56; Ph.D. Hebrew U., 55 (under Prof. Kovner); lecturer, Tel Aviv U., 54-56; assoc. teacher, Hebrew U., 55; lctr. in Polit. Sci., 56; snr. lectr., 63-; head of dpt., Polit. Sci., 63-67; mbr., Intl. I. of Polit. Philosophy; mbr., C'tee, Isr. Assn. of Polit. Sciences; mbr., c'tee, Research I. in Labour Movement; contrib. to Encycl. Hebraica; & to periodicals; publ.: "The Idea of Conquest and Race Thinkings", Review of Politics, October, 1960; "Napoleonic Authoritarianism in French Liberal Thought", Scripta, Hierosolymitana, Vol. VII; "Locke's Natural Law and the Foundations of Politics", Journal of the History of Ideas (July-September, 1963); "Locke's Theory of Revolutionary Action", The Western Political Quarterly (September, 1963; "The Liberal Politics of John Locke" (Allen & Unwin, London, 1968; Frederick A. Praeger, New York, 1969); "Ideologie und Politik in Israel", Zeitschrift fuer Geschichte in Wissenschaft und Unterricht, Vol. 9/67; "Positions and Dispositions in Israeli Politics", Government and Opposition (Autumn, 1968); "Locke, Liberalism and Nationalism", in J.W. Yolton (ed), John Locke: Problems and Perspectives, A Collection of New Essays (Cambridge U.P., 1969); award, Simon Senior Fllshp., U. of Manchester, 1967-68.

14, Hatibonim St., Jerusalem; Tel. 31128.

SELIGMAN, Max; attorney; in private practice, 1930-; b. Swansea, Oct. 12, 1902; m.: Malka Kert; 2 d.; educ.: Cardiff Tech. Coll.; Jerusalem Law School; to Israel, 1921; founder, Yeshurun Synagogue, Jerusalem; leading attorney of the Zion. Resistance Movements, before the Palestine courts; found. Chmn, Isr. Britain & Commonwealth Assn; mbr. exec., Tel-Aviv Industrial Club; mbr., the Royal Geographical Scty. London; p. Grand Master, Free-Masons of Israel.

87 Rothschild Blvd., Tel-Aviv.

SELIKSON, Eleazar; attorney; Chief-Magistrate, Tel-Aviv Court, 1950-; b. Vitebsk, Aug. 28, 1906; m.: Sophie Barak; to Israel, 1936; p. chmn, Hashahar, Zion. Stud. Assn, Riga; author of "Euthanasia", 33, & of "Civil Procedure in Palestine", 40; Court Stories, 68; articles in professional press.

1, Gluskin St., Tel Aviv; Tel. 266658.

SELTZER, Dov; composer; B.S.; b. in Yassi, Romania, 26.1.32; educ.: Haifa Conserv., Maness Coll. of Music, N.Y., majoring in composition & conducting; m.: Graziella Fontana; co-founder, 1st composer, Nahal, 50-53; teaching music to kibbutzim, 53-55; & at Mannes Coll. f. Music N.Y., 61-63; simultaneously, in USA, activ. in Isr. Folklore; Music, orchestration recordings, symph. music. accomp. to Bible readings & f. documentaries; work f. Israeli theatres, films, rec., 64-; mbr: Acum; Isr. Composers' Socty; Am. Guild of Auth. & Compos., N.Y.; VARIETY Club, Isr.; awards: "Kinor David", 66,68; T.A. Munic. Music Prize; wrote f. plays, films (main Israeli full feature films, 20, "Highway Queen", "I love You Rosa", etc.) 9 musicals (i.a. Manger's Meghilla, in Tel Aviv & on Broadway, 68; "To live another Summer", Broadway, 72; "Kazablan"); author of hit songs,, popular here & abroad ("A Girl Named Kinnereth", "Speak To Me in Flowers" & many others); wrote f. the Oranim-Zabar-group, Gheula Ghill, Theodore Bickel, Yehoram Gaon, etc.

19, Netiv Hamazalot, Jaffa.

SELTZER, Philip S.; b. 1921, Philadelphia, Penn.; Assoc. Gen. Chairman, Phila. Committee, State of Israel Bonds; Member Exec. Committee, UJA (1971); Gen. Chairman, 1968 Allied Jewish Appeal (started in A.J.A. as member of Real Estate Div. of Trade Council; served as Chairman of Real Estate Division; p. Trade Council Co-Chairman & Chairman); p. Chairman of Advance Gifts in 1967 campaign; Assoc. Secr. of the Fed. of Jewish Agencies and a member of Federation's Cabinet and

Exec. Committee; member of the Federation Board of Trustees; p. pres., YM-YWHA Branch of the Jewish Y's and Centers; p. Board Member of Jewish Employment and Vocational Service, Jewish Community Relations Council, HIAS and Council Migration Service; p. member of Phila. Chapter of National Cystic Fibrosis Res. Foundation; member of: A.J.C.; American Jewish Committee Valley Forge Boy Scout Council; Board of the Delaware College of Arts and Science; Phila. Board of Realtors; Homebuilders Association; Ashbourne Country Club; pioneer in several fields; Industrial Park Develop. - Ft. Washington, Pa., Industrial Park and Office Center; first low cost housing construction in New York State at Binghamton; member of the Board of Beth Sholom Synagogue; elected member of Executive Committee of "Invest in American Council of Philadelphia", 68.
Philadelphia, Penn., USA.

SEMER, Hanna; journalist; Chief Editor, "Davar" daily, 70-; radio & TV political commentator; b. Bratislava, C.S.R., 1928; to Israel, 1950; ed.: U. of Bratislava (Econ.); m.; d. Shlomith; chmn. Isr. Movie Newsreel Editorial Board; mbr: C.C. Isr. Labour Pty; Assn of Isr. Journalists; Intl Assn of Journalists; p. parl. corresp. of "Davar"; p. U.S. Corr. of "Davar", N.Y.; p. permanent columnist, p. co-editor of "Davar"; book: "Half Tea, Half Coffe", Massada T.A., 69 (3 editions); recip. of Th. Herzl & Sokolov Prizes f. journalistic achievements.
5, Toscanini St., Tel-Aviv.

SENDER, Henry Herman; Arch. Eng.; bldg. corp. exec.; p. Pres., ZOA; Pres., Syn.; b. 13.1.1925, Saar, France; in USA, since 1938; ed.: Vanderbilt U., B.C.E., 49; m.: Pauline Cohen; ch.: Lauren Elyse, Randall Gary; served to capt. CIC, 43-46; R.E. Dunn Co. - chief eng., 49-51; partner, 51-55; w. Bloomfield Bldg Indus., 55-64 (exec. vice-pres., 60-64); chief exec. off. & chmn brd, Natl Bldg Corp. Nashville, 64-; dir., Vernon Corp., Huntsville, Ala., Profl. Bldg, Bristol, Tenn.; brd dirs, Indsl Comm. City of Albuquerque, 65-67; Col. aide de Camp to Gov. Jack Campbell, 65-; mbr, Am. Scty C.E.; p. Master Masonil Lodge; Mason, Elk.; Scoutmaster BSA; decorated Purple Heart, Bronze Star Medal.
4302 Lillywood Rd., Nashville, TN 37205; Office: Parkway Tower, Nashville, TN 37219, USA.

SENED, Alexander; writer; Mng. Dir., Hakibutz Hameuchad Publishing House, T. Aviv; b. 21.7.1921 in Poland; to Israel, 1934; one of the first pioneering settlers in the Negev; active in aliah underground mov. in Europe & Hagannah, -45; published (in colaboration with wife, Yonat Sened) "Soil without Shadow" (Ussishkin Prize); "Their Stormy Days" (Kugel Prize); "Between the Living and the Dead" (Brenner Prize); "Another Attempt". m.: Yonat Zack; s.: Ytai, Daniel (1 s., Yoav - fell in serv.); mbr, edit. brd of the Publishing House.
Revivim, Negev.

SENED, Yonat; writer; b. in Czenstochova, Poland; 11.8.26; m. to Alexander Sened, writer; s.: Ytai, Daniel (1 s., Yoav - fell in serv.); undergr. gymn., Ghetto Warsaw, 40-43; assuming Arian identity & working f. the underground Jewish fighting, 43-45; editor, "Dror", Mov.'s Journal, Poland, then acad. stud., Swiss U., 46-48; to Israel, 1948; kibbutz Revivim; co-authored with husband, "Soil without Shadow", "Between The Living and The Dead"; "Another Attempt".
Kibbutz Revivim.

SER, Isaac; M.D.; Cnslt. f. Intern. Diseases, Endocrinology & Diabetes, Sick Fund Central Clinic, Zamenhof, Tel-Aviv, 45-; b. Lodz, Poland, 16.10.1908; to Israel, 1945; ed.: Fcty of Med., Strasbourg; post-grad. studies in France, England, Denmark; m. Sophie Rover; 1 d.; Pres., Isr. Diabetic Assn; Chmn, Inst. f. Post-Grad. Studies, Isr. Med. Assn, Tel-Aviv, 64-; mbr: Cnslt. C'tee, Fcty of Cont. Med. Ed., Tel-Aviv U.; Sci. Cl., Isr. Med. Assn; Med. Cl., Sick Fund; Isr. Assn f. Intern. Med.; Isr. Endocrin. Scty; Intl Diabetes Assn (Isr. Representative); Europ. Assn f. the Study of Diabetes; Intl Scty of Intern. Med.; publ. in med. journals in Isr. & abroad.
22, Mapu St., Tel-Aviv; Tel. 226464.

SERLIN, Joseph; LL.M.; M.K. (49-69), as Gen. Zionist (-59), as Liberal (-65) & as "Gahal", Herut Liberal Bloc, 65-; Dep. Speaker, 5th & 6th Knesset; Exec. Chairman, World Union of General Zionists (Israeli office); mbr., Exec., Liberal Party; Minister of Health, 1953-55; b. Bialystok, Feb. 24, 1906; m.: Dinah Basewitz; 2 s.; educ.: Warsaw U.; to Israel, 1933; deleg. to most Zion. Wd. Congresses; on Zionist, parliam. & Govt. missions abroad; re-elected, M.K., 1969-.
5 Smuts Blvd., Tel-Aviv.

SERPER, Itzhak; General Manager & Director, Misco Bet Shemesh Limited, 69-; b. Tel-Aviv, 18.11.1933; ed.: Technion, B.Sc. Eng.; m. Danielle Beer, 1958; 1 d.; p. Project Manager, Min of Def.; mbr.: Isr. Eng. & Arch. Assn.; Isr. Management Center.
5, Hevra Hadasha St., Tel-Aviv; Tel. 252714.

SERUYA, Solomon A.; dir., S.A. Seruya, Ltd.; vice-pres., Sephardi Cl. of Jerusalem; mbr, Isr. Exec. Wld. Sephardi Fed.; dir., KH-UJA f. Asia & Africa; b. 16.12.1926, Gibraltar; to Israel, 1969; ed.: St. Andrews U., Scotland, M.A. (Econ. & Modern Hist.); Spanish London U., B.A. (Hons.); Madrid U., 1 year; m.: Frances; ch.: Donna, Susan, Lillian; missions on behalf KH-UJA to the USA, Canada, England, the Far East, Central Am. & the Caribbean, 69-; Minister f. Econ. Devel. in Gvt. of Gibraltar, 65-69 (Ports & Tourism, 59-64); mbr, Gibraltar Legisl. Cl., 56-69; dir., Gibr. Festivals, 60-64; repr. Gibraltar at Commonwealth Parliam. Confer. in New Zealand, 65, Canada, 66, Bahamas, 68; Gibr. del., UNO

confer. on intl travel & tourism, Rome 63; publ.: booklet on the Gibraltar-Spanish problem.
4 Tchernichovsky St., Jerusalem; tel. 32407.

SETER (Starominsky), Mordecai; composer; Assoc. Prof. Theory & Comp.; Israel Academy of Music, Tel-Aviv; mbr., Editorial Commission, Israel Guild of Composers; b. Novorossysk (Russia), Feb. 26, 1916; m.: Dina Pevsner, 1 s.; 1 d.; educ.: Ecole Normale de Musique, Paris; to Israel, 1926; composed: ballets, cantatas, orchestral works, chamber music; "Jerusalem", Symph. f. Choir & Orch., 66; "Dythyramb" f. Choir, 66; "Chamber Music 1970" (6 works f. diff. chamber combin.); Piano music; awarded Engel Prize, 45, 54, Acum Prize, 57; Intl Rostrum Prize, Paris, 61, for "Ricercar"; "Midnight Vigil", won Italia Prize, 62; Israel Prize, 65.
1 Karny St., Tel-Aviv; tel. 417766.

SHAARI, Yehuda; lawyer; M.K. (Ind. Lib.), Dep. Minister of Tourism, 69-; p. Dep. Min. of Development, -69; mbr., 5th, 6th & 7th Knesset; p. mbr Exec. Bureau of the Histadrut; head of its legal department; b. Bukovina, Feb. 8, 1920; m.: Paula Breitner; 1 d.; educ.: High School of Law and Economics, Tel-Aviv; Czernovitz U.; to Israel, 1941; delegate to several Zionist congresses, I.C.T.-F.U., etc.; p. head, Pension Dpt. & mbr. of the Trade Union Dpt., Histadrut; mbr., Secret. Hevrat Ovdim; Chmn., Exec. C'tee, Liberal Labor movement; mbr. of leading bodies in Indep. Liberal Party; Chmn., Directorium, Electric Corporation of Israel; initiator of important reforms of structure & policy of the Histadrut; instrumental in drive for improvement of wage policy for Academic and Professional workers; active in economic fields; articles in newspapers, pamphlets, etc.
5, Pinkas St., Tel-Aviv.

SHABAN, Abel; dir. of companies; soc. & communal worker; humanitarian; exec. mbr, "Yiddish Book" c'tee of Johannesburg; hon. life pres., World Union OSE; hon. life mbr, S.A. Scty of Journalist; b. 15.6.1916, Krakinovo, Lithuania; ed.: Cheder, Yeshiva, Heb. Gymn.; m.: Sarah Lieberman; s. Michael-Mordechai; p. active: ORT-OSE; HIAS; Jew. Appeal; Isr. Unit. Appeal; c'tee mbr, Glitzenstein Museum; devoted in services & care of the underprivileged of all nationalities, races & colour (especially: children); found., chmn & mng. dir., Alpha Group of Comps, Johannesburg; publ.: "Homeless Days", "Homeward Bound", "Novel without a Name", "Swaziland"; recip.: Inscript. in the JNF Golden Book by OSE, Isr.; silver citation plaque by Latin OSE; medal by World ORT Union.
57 St. Patricks Rd., Upper Houghton, Johannesburg, South-Africa.

SHABTAY, Abraham; M.A.; Mng., Bank Leumi le-Israel B.M., Jerusalem, 1955-; Vice-Pres., Jerusalem Chamber of Commerce; b. Jerusalem, August 1, 1909; m.: Reina Shabtay; 1 d.; 1 s.; educ.: Manchester U. (economics); joined Anglo-Palestine Bank Ltd., 1933; seconded to Palestine Govt. as Dep. Controller of Salvage, 40-43.
Bank Leumi le-Israel B.M., Jerusalem.

SHACHAF, Raphael; Civ. Eng.; Dep. Dir. Gen., Mabat - Precast Houses Constr. Co. Ltd., 73-; b. 5.6.1933; ed.: Technion Haifa, grad. 59; m.: Mina Shneor; ch.: Eidit, Nadav, Keren; Dir. of Mabat Plant in Shderot, 69-71; responsible of prod. org., Mabat, 71-72.
21 Hashikmah, Ashkelon-Afridar; tel. 051-3257.

SHACHAL, Moshe; M.K.; Councilman, Haifa, -69; b. 20.5.35; m.: Sara Sher; ch.: Ofer, Idit; ed.: econ. & pol. sci., H.U. (Haifa Div.); Tel Aviv U., Law Fcty; mbr, Secret, Moetzet Hapoalim, Haifa; mbr, Labour Pty. Central C'tee; mbr Exec., Shikun Ovdim Ltd.
57/A Einstein St., Haifa; Tel. 242155.

SHACHAR, Arie; econ.; B.A.; Col. (res.); Mng. Dir., Dead Sea Works Ltd., 71-; p. Mng. Dir., Mifalei Tovala Ltd.; ed.: H.U. Jer. (Econ. & Soc. Sci. and Bus. Adm.); b. Poland, 26.2.1926; to Israel, 1936; m. 1953; 2 s.; 2 d.; p. serv. IDF.
POB 72, Beer-Sheba; Tel. 242155.

SHACHOR, Benjamin; M.K. (Natl. Relig. Pty.); p. Dep. Minister, Ministry for Religious Affairs; b. Jerusalem, 1916; m.: Sarah; 3 s.; active in relig. youth mov. & youth Aliyah; for 5 years, Gen. Secr. of National Religious Pty. & of the Hapoel Hamizrahi; Chmn., Board, "Hatzofe", daily.
12 Smuts Blvd., Tel-Aviv; Tel. 42349.

SHADMON (Braunfeld), Asher; M.Sc., M.I.Q.; Head, Stone Technology Centre, Technion, Haifa; born in Amsterdam, Holland, 29.7.1922; m. Miriam Figler; 1 s.; 3 d.; educ.: King's College, Royal School of Mines, Imperial College (London); Technion; to Israel, 1949; 1951, Resident geologist, Timna Copper Mines; 1954, Technical adviser, Controller of Mines; 1965, Senior Mining Eng., Min. of Development; 1968, Coordinator, Earth Sciences Council; 1969, U.N.D.P. Consultant, Bureau of Mines, Manila, Philippines; Pres., Intl. Assn. of Engineering Geology; Hon. Secret., Assn. for the Advancement of Science in Israel; recip., Tully Medal; publ., professional papers.
56 Nayot, Jerusalem; tel. 38976; c/o Technology Centre, Technion City, Haifa.

SHAFFER, Aaron; Assoc. Prof. of Assyriology, H.U. Jer.; b. 12.10.1933, Toronto; to Israel, 1964; ed.: Landsdowne Publ. Sch. & Harbord Collegiate Inst., Toronto; U. of Toronto & U. of Pennsylvania - B.A. (Hons), M.A., Ph.D.; m.: Ethel Hurwich; 2 s.: Yehuda, Ephraim; d.: Devora; res. assoc., Chicago Assyrian Dictionary, Orient-

al Inst., U. of Chicago, 63-64; spec. assist., Dpt. of West. Asiatic Antiquities, British Museum, London, 64-73.
86 Herzl Street, Jerusalem 96142; tel. 521440.

SHAFIR, Herzl; Tat-Aluf (Brig. Gen.); b. Tel-Aviv, 1929; educ.: Agricultural School, Mikveh; Technion Naval School; H.U. Jer. (B.A. in Econ. & Geography); m.; 3 ch.; joined Palmach at 18, participating in numerous operations, 46-48, I.D.F.

SHAFRAN, David; Rabbi; Dr. (Pedag., Psych.); High School teacher, history & Judaism; p. Dir., Seminary f. Religious Teachers, Jerus.; b. 8.1.15, in Roumania; m.: Zipora Landman; ed.: Bucharest U.; to Israel, 1958; 1 d., Zvia; p. rabbinical functions in Bucharest; p. Gen. Secr. Rabbinical Central C'tee, Roumania; Assir Zion; comprehensive literary activity (26 books hundreds of contrib. to periodicals), in Rum & in Hebrew; i.a. biogr. works on 1) Rabbenu Behaya Ibn Peukda; 2) Saadia Gaon; 3) Maimonides; 4) Talmudic commentaries; 5) Tora commentaries; 6) The Ethical pedag. of W. Foerster; 7) Satana, an autobiographical novel; 8) Judaism, Idea & Mission; 9) Future of Israel; 10) My Country in the 6 Days War; 11) My Generation: Questions & Answers, 12) The Personality of the Teacher; 13) Jacob Gropper; 14) The Art of Reading; 15) Reminiscences; 16) The Cronic of Nazi Rebellion in Rum.; also on the Ethical Pedagogy of W. Foerster, etc.; books on the History of Rumanian Jewry; verse, phil. essays, etc.; Ot "Aleh" f. Zion activity in Rum. & Israel.
2, Gordon St., Kiryat Hayovel, Jerus.; Tel. 69785.

SHAFRIR, Eleazar; Prof. of Human Biochem.; Head, Dpt. of Clin. Biochem., H.U. Hadassa Med. Sch.; b. Cracov, Poland, 19.9.1924; to Israel, 1944; ed.: H.U., Jer.; m. Aviva Rutenberg; ch.: Ehud Y., Eviathar S., Ora R.; assoc.-editor, Israel Journal of Med. Sci.; chmn, Isr. Scty f. Pathological Chemistry; mbr: Isr. Biochem. Scty, Isr. Diabetes Assn, Am. Diabetes Assn, Europ. Assn f. the Study of Diabetes, Europ. Scty f. Clin. Investigation, Scty f. Experim. Biol. & Med. (N. Y.); over 100 sci. articles, reviews & chapters in books on: fat transport and metabolism, interrelation of fat and carbohydrate metabolism in health and disease, adipose tissue, diabetes, etc.
57 Hechalutz St., Jerusalem; tel. 532697.

SHAHAM, David; writer; b. Poland, Jan. 27, 1923; m.: Rina Gologorsky; 2 d.; educ.; Tel-Aviv U.; to Israel, 1924; missions abroad, on behalf of Israeli youth movements; founded advertising agency in 1954; author of 'Yom Ehad She-hu Harbeh"; "Hamidron ha-Arokh"; "Harpatkaot Ahitam"; "Sheela Shel Zman"; "Lo Ba B'Heshbon"; "Shalom Lefeta", etc.
14 De Haas St., Tel-Aviv.

SHAHAM (Steinman), Nathan; author; playwright; edit., "Sifriat Poalim", Publishing House of Hakibutz Haartzi; Vice-Chmn., Israel Broadcasting Authority; b. Tel-Aviv, 29.1.25; m.: Ktina Panitch; 2 s.; 1 d.; author of novels, short stories, children's books; plays, performed in Israel, Europe, North & South America; won Shlonsky Prize; "Habimah" Prize; Histadrut Prize; "Kol Israel" Prize.
Kibbutz Beit Alpha, Tel. 065-77770.

SHAHAR, David; writer; b. Jerusalem, 17.6.1926; ed.: Hebrew U. Jer.; m. Shulamith; s. Meir; d. Dinah; publ.: "On Dreams", stories, Am Oved; "Caesar", stories, Dvir; "The Moon of Honey and Gold", novel, Hadar; "The Fortune Teller", stories, Massadah; "The Temple of Broken Vessels", novel, Sifriath Poalim; "The Death of the Little God", stories, Schocken; "The Pope's Moustache", stories, Schoken; mbr: ACUM, Hebrew Writers' Un., Public Council of Arts, Exec. C'tee P.E.N. Centre, Israel.
17, Hovevey Zion St., Talbieh, Jerusalem.

SHAHEVITCH, Boaz; Snr Lctr in Heb. Lit., Tel-Aviv U., 70- (Guest Lctr, 67-70); Dir., Benzion Katz Inst. of Research in H.L., Tel-Aviv U.; b. Haifa, 7.6.1924; ed.: elem. & scndy sch., Haifa, Rehovot, T.A.; H.U. Jer., M.A. 52, Ph.D. 63; m. Leah Adler, 1943; d.: Lee, Or; teacher, lctr, H.U., 52-; Assist. Dir., School of Education, H.U., 61-66; publ.: Heb. text-books; articles on modern Heb. Lit. in learned journals.
7, Hameyassdim St., Beit Hakerem, Jerusalem; Tel. 525930.

SHAI (Behar), Joshua Nissim; Adv.; Hon. Consul, Rep. of Costa Rica in Jer.; Brd Mbr & Dir. of Programs, Rotary, Jer.; 68-69, Adviser, M.F.A., Jer.; b. Jer., Oct. 10, 1905; m.: Rivka Simha; 2 s.; educ.: Oxford and Cambridge School Certificate; Law Classes, Jerusalem; Consul General, Istanbul, 57-59; Ambass. to Guatemala, El-Salvador, Honduras, Nicaragua, Costa-Rica & Panama, 59-64; Israel Diplomatic Repres. (with personal rank of Ambassador) to Greece, 64-68; Dir. Gen., Min. of Immigration and Head of Immigration & Naturalization Services, 48-57; Secret. & Dep. Dir., Immigration Dpt., Jewish Agency, 24-48; on special mission to Aden, 38, 42, organizing the "Magic Carpet" to Palestine; mission to Paris, 46-47, in connection with liquidation D.P. Camps in Europe; articles on immigration and citizenship problems.
Law Offices: Talbie, 8 Hovevey Zion St., Jerus.
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SHAI, Samuel; Radio and T.V. artist; editor, Israeli Brdcast Auth., 60-; b. Poland, 1932; to Israel, 1935; ed.. Tel-Aviv University; m. Nechama Frenkel; 2 s.; 1 d.; p. Public-Relations Manager, Habimah, Israeli Festival, etc.; in charge of progr. on the Israeli Radio, Galei Zahal, as well as private entertaining, etc.; mbr: Israeli Artists' Union, Variety Club, etc.
91, Ha'universita St., Tel-Aviv; Tel. 413444.

SHAIN, Yerachmiel; cell biolog.; snr lctr, Electron Microscope Lab., Tel-Aviv U.; b. 31.7.1942, New York; to Israel, 1959; ed.: elem. sch., NY, 47-55; Bronx HS of Sci., 55-59; H.U. Jer. - B.Sc., 63; M.Sc., 65; Ph.D., 68; m.: Valerie Cohen; 2 ch.: p. assist. instruc., H.U.; p. lctr, Tel-Aviv U.; mbr: Am. Scty Plant Psychol.; Europ. Cell Biol. Org.; Isr. Biochem. Scty; res. in cell physiol. & biochem.
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SHAKED, Gershon; Assoc. Prof., Heb. Lit., H.U. Jer., 71-; Head, Dpt. of Theatrical Arts, Tel-Aviv U., 68-70; Head, Dpt. of Heb. Lit., H.U. Jer., 73-; born in Vienna, 8.7.1929; to Israel, 1939; ed.: Herzliah HS, 48; H.U. Jer. — B.A., 54; M.A.; 59; Ph.D., 64; post-grad. studies, U. of Zurich, 64-65; m. Malka Magenca, 1953; d.: Dalith, Efrath; mbr of the The Arts Council; w. the H.U.; instructor, 62; lctr, 64; snr lctr, 67; Visiting Prof., H.U.C., Cincinnati, 68-69; books: Four Stories (elements of the theory of prose fiction), 63; Laughter and Tears (Studies in the writings of Mendele Moycher Sforim), 64; Three Dramas (elements of the theorv of the drama), 68; Joseph Haephrati. The Kingdom of Saul, 68; The Hebrew Historical Drama in the 20th Century, 70; A New Wave in Modern Hebrew Fiction, 71; If you ever forget (Am. Jew. Lit.), 72; The Narrative Art of S.J. Agnon, 73.
14, Tirzah St., Jefeh Noff, Jerusalem; Tel. 524895.

SHAKED, Shaul; Assoc. Prof., Iranian Studies & Chmn, Comparative Religion, H.U. Jer.; b. 1933, Debrecen, Hungary; to Israel, 1934; ed.: H.U. Jer. - B.A., M.A.; U. of London, Ph.D.; m.: Miriam Schaechter; 3 ch.; publ.: A Tentative Bibliography of Geniza Documents, Paris, 64; Esoteric Trends in Zoroastrianism, Jer., 69.
6 Alfasi St., Jerusalem; tel. 66876.

SHAKOW, Zara; theatre dir.; acting teacher; conducted classes Drama Sch. & Repertory Group of Kameri & Haifa Munic. Theatres; b. NYC, USA; ed.: Hunter Coll., Actors Studio, Am. Theatre Wing, Lessac Inst. f. Voice & Speech, New Sch. f. Soc. Res., Am. Acad. of Dramatic Arts; to Isr., 52-53; 61-62, 72; dir., Acting Training Center; p. dir.: Manitoba Theatre Centre, Ont. Cl. of the Arts; lctrd in kibbutzim on theatre; dir., kibbutz drama groups; trained many Isr. name-players (Ili Gorlitzki, Shoshana Shani, Aric Lavie, etc.); dir. in Kameri Drama Sch. "The Sea Gull", "The Diary of Anne Frank", "Born Yesterday", "All My Sons", etc.; publ.: "Drama Activities in Israel Agricultural Settlements", "Courtain Time for Jewish Youth", "The Theatre in Israel", etc.; lctrd on Isr. theatre f. Herzl Inst., B.B., Hadassah in kibbutzim; awarded scholarships to: Neighbourhood Playhouse, N.Y.; Vakhtangov Theatre, Moscow; mbr: Scty of Stage Dirs & Choreographers; Am. Theatre Assn., ZOA, Hadassah.
160 W. 73rd St., New York 10023, USA.

SHALEV, Zalman; mbr, Natl Cl. f. Res. & Development; Mng. Dir., A.E.L. Israel Ltd.; p. Chief Signal and Electronics Officer, I.D.F. (48-, rank of Col.); b. Haifa, 1923; m.: 2 ch.; p. Dep. Chairman, Israel Govt. Comm. & Elect. Council; present position, 1966-.
36, Yehuda Hanassi, Neve Avivim, Tel-Aviv, Tel. 414208.

SHALEV-TOREN, Puah; M.A.; poetess, translator; b. Tel Aviv, 1930; m. Haim Toren; 1 s.; educ.: Hebrew U.; Author of 'Libi Er"; "Haruzim mibein Kiflei Hamenifa"; "A.B. Gottlober", etc.; translated "Lover's Gift"; "Crossing"; "Set me as a Seal" (by Rabindranath Tagore), etc.
19 Shmaryahu Levin St., Jerusalem; tel. 533883.

de SHALIT, Meir; Dir. Gen., Laromme Hotel Ltd.; b. 9.12.1921; ed.: Agric. School, Pardess Hanna; Tel-Aviv School of Law & Economics; p. Officer, Jewish Brigade; p. Officer, IDF; First Secr., Israel Embassy, Washington, 49-54; Dep. Dir. Gen., Prime-Ministers' Office, 54-57; Dir Gen., Min. of Tourism, 59-71.
76, Hanassi St., Herzlia-on-Sea; Tel. 932617.

SHALOM, Shin; poet, author; b. Poland, 1905; m.: Orah Pfrid; educ.: Erlangen U.; to Israel, 1922; teacher at Rosh Pina, Hadera, Jerusalem; Pres., Isr. Writers Assn, 63-69; auth. of 10 volumes of poetry, short stories and plays; "Collected Works", Awarded Bialik Prize, 1941; Tchernikhowsky Prize, 1945; Brenner Prize, 1950; Zvi Kessel Prize, Mexico, 1955; Ruppin Prize, 1956; Milo Prize, 1962; Ramat-Gan Prize, 1963; P.M.'s Creativity Grant, 71; Israel Prize, 73; translated into Hebrew Shakespeare sonnets; works trans. into English: Storm over Galilee (Valentin Mitchell, London); On Ben Peleh (Youth & Hechalutz Dpt, Jer.).
P.O.B. 6095, Haifa; tel. 662733.

SHALON (Friedland), Rahel; B.Sc., C.E.; Professor of Civil Engineering; Head, Building Research Station, Technion, Haifa; editor, 'In the Field of Building" (monthly); mbr, Permanent Commission, Intl Union of Testing & Research Lab. of Materials and Structures. R.I.L.E.M.; mbr, Council of Engineering and Architecture; b. Poland; m.: Uriel Shalon; educ.: Polytechnic, Warsaw; Technion, Haifa; to Israel, 1925; officer, Haganah, 1927-; Israel Defence Army, with rank of Major; author of "Cement u-Beton", 1939; "Cementitious Materials" (Hebrew), 1964; papers in Israel and foreign scientific journals.
30 Vitkin St., Haifa.

SHALON (Friedland), Uriel; V. Chmn, Brd of Gvrnrs, Technion, Haifa; mbr, Brd Dirs, Timna Copper Mines; Chmn, Haifa Branch, & Natl. Vice-Chmn., Israel-America Scty.; b. Moscow, May 21, 1899; m.: Rahel Znamirowska; educ.: Polytechnic Institute, Petrograd; Chmn., Zeirei-Zion Party of Caucasus, 19-22; editor "Yevreiskaya Volia" (weekly); petroleum engineer in Baku, 21-22; Gen. Secr.,

Hitachdut, World Zionist Labor Union; mbr., World Central Committee, "Hechalutz", Berlin, 22-25; to Israel, 1925; manager Solel-Boneh Machinery Dpt., Tel-Aviv, 25-27; mbr., Tel-Aviv Municipal Council, 27-28; Chmn., Hadar Hacarmel C'tee; mbr., Haifa Municipal Council & Chmn. of its Development C'tee, 51-57; p. Pres., Assn. of Engineers and Architects in Israel, 53-61; Mng. Dir. of "Shemen", Haifa, 43-67.

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SHALTIEL, David; Prof., Racah Inst. of Physics & Assist. Dean, Sch. of Applied Sci., H.U. Jer., 72-; b. 1926, Salonika, Greece; to Israel, 1936; ed.: Technion Haifa - Electron. Eng., 51; Ph.D. (Phys.), 59; U. of Pittsburg, Pa., USA, M.Sc. (Phys.), 54; m.: Eva Levinsky; 2 d.: Amalia, Leora; s.: Amos.

29 Keren Hayessod St., Jerusalem; tel. 226989.

SHALTIEL, Shmuel; Assoc. Prof.; Visit. Prof. Biochem., U. of Calif. Berkeley, 72-73; b. Thessaloniki, Greece, 12.1.1935; to Israel, 1944; ed.: H.U., 53-57, M.Sc.; Weizmann I., 60-64, Ph.D.; m. Sarah Mass, 1956; 2 d.: Orna, Ruth; Visit. Sci., U. of Washington Med. Sch., Seattle USA, 64-66; Visit. Prof., Fcty of Med., U. of Guanabara, Rio de Janeiro, 70; co-editor, "Science and Technology" column, in "Haaretz" (Daily), 63-; teaching: at Feinberg Grad. School, Weizmann Institute; mbr: Isr. Biochem. Scty, Isr. Immunological Society, Am. Chem. Scty; research & publ. on: Devel. of Methods f. Stud. Protein Purification, Structure & Function; Enzymes Involved in Glycogen Metabolism; Mechanism of Action of Vitamin B6; Penicillin Allergy and its Prevention; recip.: Shlomo Hestrin Prize. by the Isr. Biochem. Scty, 71.

9, Neve Weizmann, Rehovot; Tel. 955650.

SHAMGAR, Meir; Attorney General (68-); p. Military Adv. Gen. (-68) & Leg. Adv. to the Min. of Defence; b. Danzig, 1925; m.; 3 ch.; educ.: Hebrew U., Law School, Jerusalem, London U.; to Israel, 1939; exiled by British authorities, 1944; served in I.D.F. (rank of Col.).

12 Hashahar St., Jerusalem; tel. 526130.

SHAMIR, Maxim; graphic artist; partner of Shamir Bros., Postage Stamps & Bank Notes Designers, Tel Aviv; b. in Latvia, 3.11.1910; ed.: Municipal Art School, Berlin; m.: Dagmar Beka; ch.: Gideon, Uri; to Isr., 34; founded, w. brother Gabriel (see entry) a studio f. graphic art; designer of postage stamps for Israel, Nigeria, Ghana, Dahomey, Suriname, Republic of Maldives, Togo, Bahamas, Grenada, Trinidad-Tobago, Dominica & Antigua; free lance work in London, 58-60; posters f. the British General Post Office; UNO (Genève) emblem f. Labour & Development; Israel Coat of Arms, Israel Post emblem, etc.

84, Rothschild Blvd., Tel Aviv; Tel. 613073.

SHAMIR, Meir; Israel Ambass., Libreville-Gabon, 71-73; Israel Ambass.. Rep. of Mali, 67-71; b. Arad, Rumania, 5.12. 1920; to Israel, 1941; ed.: H.U. Jer., B.A.; m. Marli Roeder, 1954; p. mbr, Kibbutz Afikim; served, IDF; w. Min. f. Frgn Affairs in various capacities: Off., Paris & Rome Embassies; Head, Div. of Registry, Jer.; Second Secr., London Embassy; Second Secr. & Vice-Consul, Embassy of Israel, Washington D.C.; Principal Assist. to Dep. Dir. Gen. f. Political Affairs; East-Europe. Dpt.; Head, Div. of Training; p. Chargée d'Affaires, Embassy of Israel, Abidjan, Ivory Coast.

Ministry of Foreign Affairs, Jerusalem.

SHAMIR, Moshe; author; playwright; regular contrib. to 'Maariv"; mbr, Hebrew Academy; p. Chief Editor, Maariv Book Club; b. 15.9.1921, Safed; m. Zvia Frumkin; 2 d.; 1 s.; found. "Bamahaneh" (weekly); edit. brd. "Omer", -51; author of "Hu Halakh Ba-Sadot" (Ussishkin Prize, 1948); "Bemo Yadav" (Brenner Prize); "Melekh Bassar va-Dam"; "Milhemet Bnei-Or", (Bialik Prize, 1955); "Sof Haolam"; "Ha-Galgal ha-Hamishi"; "Bayit b'Matzav Tov"; "Ha-Yoresh"; "Ha-Gvul"; plays performed by Habimah, Ohel, Chamber, Zavit, Haifa Municipal Theatre, etc.

3 Rozanis St., Tel-Aviv; tel. 779113.

SHAMIR (Steinberg), Moshe; B.Sc.; engineer; industrialist; repres. of Foreign Investors; Pres. & Chmn of Brd, Vishay Israel Ltd., Tel-Aviv; Vice-Pres., Vishay Intertechnology Inc. USA; co-found. mbr, Brd of Dirs. & Exec. C'tee: Sugar Works Ltd.; Sugat Packing Ltd.; b. in Wilno, 1923; educ.: Technion (1946); m.: Lea Elstein, M.Sc. (Hebrew U.); 4 ch.: Reuvat, Yael, David, Tamar; to Israel, 1926; mbr., Haganah, 38-; rank of Major (Res.), IDF, War of Liberation; Dir. & Mbr., Exec. C'tee, Assia — Chemical Laboratories Ltd.; Zori — Pharmaceutical & Chemical Industrial Co. Ltd.; Teva — Middle East Pharmaceutical & Chemical Works Ltd.; dir., Clal Israel Investment Co. Ltd.; mbr, Israel Export Inst.; Exec. C'tee, Manufacturers Assn of Israel; Assn of Eng. & Arch. of Israel, Management Center of Israel.

11, Avner St., Zahala, Tel-Aviv; Tel. 772711.

SHAMIR (WACHSMAN), Nachum; Pres., "Beth Berl" Labour Ctr. f. Study, Education & Research; Chairman: State Youth Theatre; Board, M.I. (Medinat Israel) Holdings Ltd., 69-72; Israeli Econ. Minister to USA, Washington, 64-68; Mng. Dir.: "Hassneh" Israel Insurance Co., 62-64; Israel National Oil Corp., 58; "Shilumim" Corp. (German reparations) in Germany, 55-63; Head of: Defence Mission to USA & Canada, 52-55; Immigration Office in Italy & Treasurer for Aliyah Jew. Agcy. in Europe, 48-51; mbr. kibbutz Neve Eitan, 38-56.

41 Oranim St., Kfar-Shemaryahu; tel. 932753.

SHAMIR, Shimon; Assoc. Prof. of Middle East. Hist. in Modern Times; Head, Shiloah Center f. M.E. & African Studies, Tel-Aviv U., 66-; b. Satu-Mare, Rumania, 15.12.1933; to Israel, 1940; ed.: H.U.,

School of Oriental Studies, 54-58, B.A.; Princeton U., Dpt. of Oriental Studies, 58-60, Ph.D.; m. Daniela Levin, 1957; d.: Sharon, Millet; s. Roy; instructor, lctr, H.U., I. f. Asian & African Studies; 60-67; res.-fllw, Center f. M.E. Studies, Harvard U., 68-69; mbr, edit. board of: Middle East Record, Shiloah Center; As. & Afr. Studies, H.U.; mbr: Exec. brd, Isr. Oriental Scty; M.E. Studies Assn of N. Am.; Cl. f. High. Ed.; publ.: articles on Syria & Palestine Under Ottoman Rule; on Contemp. Egypt; book on Modern History of the Arabs in the Middle East (Hebr.); works on Arab intellectuals & political trends; interdisciplinary field-research on Palestinian Society.

10, Agron St., Jerusalem; Tel. 02-223994.

SHANAN, Joel; clinical psychologist; M.A., Ph.D.; Chief Psychologist, Hebrew U.-Hadassah Hosp. & Snr. Lctr. at the Psychiatric Dpt., Hebrew U.; b. in Hungaria; att. Viena U., 37-38; in underground, 38-45; to Israel, 1945; att. Hebrew U., M.A., 1952; U. of Chicago, Ph.D., 1956; m.: Naomi Zarchy; 1 s. Amir; p. psych. work f. Aliat Hanoar, Mossad Tokair & Min. of Culture & Educ., 45-42; partic. war of indep., Jerusalem Brigade & Golani Brigade, 47-49; att. Intl. Congresses of Psych., 64, 65, 67, 69; visit. prof. New York U., 67; Govt. adviser on staff selection, 1960-; mbr., Israel Psych. Assn., Am. Psych. Assn., Intl. Org. f. Applied Psychology, etc.

1, Neve Granott, Jerusalem; Tel. (02)34291.

SHANE, Joseph D.; US investment banker; Hon. Chmn., U.J.A.; p. Chmn., Israel Bonds Drive; mbr., Illinois bar, since 1928; b. 1907, Chicago; educ.: Northwestern U. School of Law.; m.: Jean Levy, 1938; ch.: John, Ivan; Natl. Chmn., Israel Educ. Fund.; mbr. brd. of dirs., I.T.A.; mbr. brd., Tel Aviv U.; mbr. brd., "Ampal" Ltd.; mbr. brd., Los Angeles Feder. Council, etc., etc.

9852, Wilshire Bd., Beverley Hills, California, USA.

SHANI, Jashovam; M. Pharm., M.Sc. (Chem.), Ph.D.; Pharmacologist; Snr Lctr Dpt of Applied Pharmacol., School of Pharmacy, H.U. Jer., 71-; b. 30.12.1937, Tel-Aviv; ed.: Hebrew University, Jer.: M. Pharm. & M.Sc., 63; Ph.D., 68; Visiting Scientist: Natl Inst. f. Research in Dairying, Shinfield, Reading, England, 69-70; m. Esther Klein; H.U. School of Pharmacy: Instructor & Lecturer, 68; in charge of the Radiopharmacy Lab. of the School of Pharmacy; member of the edit. board of Israel Pharmaceutical Journal; over 50 sci. papers in gen. pharmacology, endocrinology & radiobiology.

8 Tel-Chai St., Jerusalem; tel. 35179.

SHANI, Mordechai; M.D.; Assist. Prof., Med. Sch., Tel-Aviv U.; Dir., Chaim Sheba Medical Center. Tel Hashomer Hospital, 71-; b. Israel, 7.9.1938; ed.: grad., H.U. Hadassah Med. Sch., 64; s. Tal David, Assaf; organized Isr. health services in El-Arish, Gaza Strip, 68; Isr. health services f. the Bedouins in Sinai, 69; Isr. Central Clinic, Ghaza, 70; research: Chronic Familial Hyperbilirubinemia; Epidemiology of Malignancies; Hypertension; Use of Computers in Medecine; publ. articles & papers in med. sci. journals in Isr. & abroad (Gt. Britain, USA); recip. Albert Schweitzer Award, 1970 (f. organ. health services in Ghaza Strip & Sinai).

29, Eilath St., Holon; Tel. 848009.

SHANOON, Elhanan; C.P.A. (Isr.); Manager, Head Office, First Intl Bank of Isr.; b. 7.7.1924, Rumania; to Israel, 1946; m. Tamar; first secr., Isr. Legation, Belgrad, 63-66; counselor (econ. affairs), Isr. Embassy, Stockholm, 66-69; mbr: C.C. of Isr. C.P.A.; c'tee, Israel-Sweden Chamber of Commerce.

13 Helsinki St., Tel-Aviv; tel. 257491.

SHANY, Itzhak; Exec. Dir., Magen David Adom, 1963-; b. Poland, 1916; m.; 3 ch.; educ.: in Germany & Israel; to Israel, 34; various assignments and commands in Haganah and IDF (rank of Col.) Staff College.

38, Yehuda Hanassi St., Neveh Avivim, Tel-Aviv.

SHAPIR, Haya; painter, lecturer in art; b. Bucharest, 1926; m.; 2 s.; grad., Art-School Avni; Grande Chaumerie, Paris; to Israel, 1941; exhib., in Israel, France, etc.

18 Haam Hazarfati Blvd., Ramat-Gan; tel. 798587.

SHAPIRA, Amos; Snr Lctr, Fcty of Law, Tel-Aviv U., b. Israel, 17.1.1937; ed.: Fcty of Law, H.U. Jer., 56-59; Columbia U. School of Law, N.Y., 62-63; Yale U. School of Law, New Haven, 65-68; M.L., Master of Comparative Law; D.L.; m. Etya Gorshein; 2 d.: Limor, Seagal; p. private law practice; mbr, Israel Bar; mbr, Tel-Aviv U. — Fcty of Law, Brd of Acad. Staff, Senate & Brd of Trustees C'tees f. the Redrafting of the Statutes; mbr: Isr. Labor Pty, Study Comm. on "The Rights and Duties of the Individual in Israel"; Govng. Brd of the Rule of Law Scty; book: "The Interest Approach to Choice of Law", The Hague, 70; articles (Heb. & English) in legal periodicals in Israel, England, USA; regular contrib. to the Isr. press, T.V. programs & other public platforms on subjects of law, community affairs & politics; dir., res. project: "Constitutional Guarantees of Fundamental Individual Freedoms" (sponsored by the Isr. Labor Pty, under the auspices of T.A. Fcty of Law); scholarships & awards by H.U., Inst. of Intl Educ., Columbia U., Yale U., Isr. Foundations Trustees.

6, Glitzenstein St., Tel-Aviv; Tel. 263447.

SHAPIRA, Isaac; M.A.; Principal, Reali School, Haifa; b. Poland, 1907; m. Betty Rosenberg; 1 d.; educ.: Teachers' College, Jerusalem; London U.; p. Principal, Kiryat Motzkin School, 38-44; v. principal, Reali-School, Haifa 45-54; mbr. Govt. Comm. of Israeli Scouts, Movt.; mbr., the Natl.

Council for Culture & Art; the Natl C'tee f. Educ.; Freeman of the City, Haifa; publ.: "History of the Nations"; "From the Point of View of an Educator"; articles in educ. journals & other periodicals.
13, Zerubabel St., Mt. Carmel, Haifa.

SHAPIRA, Itzhack; Secr. Gen. Hist. Agricul. Centre; mbr: Labour Secret.; Histadrut Exec.; JNF Brd of Dirs; b. Horodenka (Poland), 1905; m. Lottie Friedler; 1 s.; 2 d.; to Israel, 1926; mbr, Petah Tikva Town Council, 30-33; mbr, Moshav Tzofit, 32-.
Tzofit, Tel. 923467.

SHAPIRA, Rina; Ph.D., Sociology; Head, Dpt. of Sociology, Tel-Aviv U., 69-; b. 28.1.1932; ed.: H.U. Jer., B.A., M.A.; Columbia U., N.Y.; m. Uri Shapira; ch.: Irit, Opher, Michal; publ. articles & papers in sci. journals ; "Attitudes of Am. Jew. Adolescents Toward Israel", 66; jointly with others: "The Impact of Youth Membership on the Values of Israeli Students". "Attitudes of Israeli Students toward Emigration", "Youth Movements and Values: Collective & Individual Values of Israeli Students", "Acquaintance with Israelis and Attitudes Change Among Foreign Students in Israeli Universities", etc., etc.; sci. professional reports; lectures on various intl congresses; in preparation: "Hand Across the Sea" (on youth movt. in underdeveloped countries), due in 1972.
9, Levi Itzhak St., Tel-Aviv; Tel. 246779.

SHAPIRA, Sergiu; composer, conductor; teacher, Jer. Academy of Music, 62-; music. dir., Moadon Haoleh, Jer., 70-; b. Rumania, 25.7.1931; to Israel, 1961; ed.: HS; grad., Music Acad., Bucharest, 56; m. Shulamit, pianist, 1956; s.: Dani, Benjamin; p. teacher, conductor & mbr Rum. Un. of Composers; mbr, ACUM, Israel; compositions f. piano, chamber, symph. & vocal music, etc.; "Zichronot Yaldut" (Childhood Memories), Isr. Edit. of Music, 66; part. in Isr. Broadcast program; concerts f. scholars & students; choir conductor & piano accompanist; awards, f. two of his compositions f. piano, by "Composers Found", Bucharest ("Sonatina", 56. & "Bagatela", 57).
17, Zichron Jakov St., Jerusalem; Tel. 521934.

SHAPIRO, Abraham; S.A. Businessman; communal worker; mbr, Israel-So Africa Trade Assn; particip. to Pirme-Minister's Economic Conference, Jerusalem, 69, 73; Chmn & Mng. Dir., Sea Products (S.W.A.) Ltd.; Director Lamberts Bay Canning Co. Ltd.; United Fish Canners Ltd.; South West Afircan Fishing Industries Ltd.; S.A. Rock Lobster Association, Chairman Federal Marine Ltd., S.A. Fish Meal Producers Assn.; b. 1905 & educ. in Russia; m. Ida Propis; 3 s.: Dr. Gerald, Asher, Barnet.
801 "Aigab", Kloof Road, Sea Point, C.P. South Africa.

SHAPIRO, Ascher Herman; Mech. Eng. & Educator (D.Sc.); Ford Prof. of Eng., MIT, 62-; Head, Dpt. of Mech. Eng., MIT, 65-; mbr, Brd of Govnrs, Technion, 68-; b. Brooklyn, N.Y., 20.5.1916; ed.: MIT-B.S., 38; D.Sc., 46; s. Peter Mark; d.: Martha Ann Margowsky, B. Mary Handel; MIT (Mech. Eng.): Assist., 38-40; Instructor, 40-43; Assist. Prof., 44-47; Assoc. Prof., 47-52; Prof., 52-; Prof., in charge of Fluid Mechs. Div., 54-65; Visit. Prof., Cambridge U., 55-56; chmn: MIT Fcty, 64-65; Natl C'tee f. Fluid Mechs. Films, 62-65; Councilor, Am. Acad. of Arts & Sci., 66-71; mbr, edit. c'tee, Annual Review of Fluid Mechs., 67-70; Fllw: Am. Inst. of Aeron. & Astron.; Am. Scty of Mech. Eng.; mbr: Am. Scty f. Eng. Ed.; Am. Assn f. the Advancement of Sci.; Biomedical Eng. Scty; Tau Beta Pi, Sigma Xi, Pi Tau Sigma; recip.: Naval Ordnance Dev. Award, 45; Joint Cert. f. outstanding contribution, War & Navy Dpts., 47; Akroyd Stuart Memorial Lctr, Nottingham U., England, 47; Richards Memorial Award, by the Am. Scty of Mech. Eng. f. "outstanding achievment in engrng", 60; Worcester Reed Warner Medal of the Am. Scty of Mech. Eng. f. "contributions to the permanent literature of engineering", 65; publ.: about 70 technical papers on thermodynamics, fluid dynam., propulsion, eng. educ. & biomedical eng.; author of: "Shape and Flow: The Fluid Dynamics of Drag.", 61; "The Dynamics and Thermodynamics of Compressible Fluid Flow", 53; contrib. to: 4 books, 5 patents, 3 motion pictures; many unpublished reports, classified & unclassified, on research projects, etc.
6, Chapman St., Arlington, Massachusetts, USA.

SHAPIRO (Kronman), Betty K.; Intl Affairs Chmn, B'nai B'rith Women, 71- (Pres. Distr. 5, 55-56; Intl Pres., 68-71); Intl Chmn f. BBW's Home f. Emotionally Disturbed Children, Jer.; mbr, Exec. C'tee, Jew. Community Cl. of Gt. Washington, 53-68, 71- (Secr. of Cl., 57-61); b. Washington D.C., 26.9.1907; m. Michael Shapiro, 1936; p. mbr, Brd of Dirs, Jew. Community Center, Wash. D.C.; Pres., Wash. Sctn, Natl Cl. of Jew. Juniors, 36-38; mbr, Exec. C'tee, UJA of Gt. Washington, 55-57 (Chmn, Womens Div. Gen. Solicitation, 54; Chmn, Special Gifts Luncheon, 55); Pub. Affairs Chmn f. BBW, responsible f. direction f. educ. & action program on soc. issues; repres. BBW at Am. Confer. on Soviet Jewry, Natl Civil Liberties Clearing House. Presidents' C'tee on Handicapped, US C'tee f. UN Observance, Leadership Confer. on Civil Rights, White House Conf. on "To fulfill These Rights" & Youth and Children, Presidents' Comm. on the Status of Women. etc.; mbr: Anti-Defamation League of B'nai B'rith Natl Comm. & of Exec. Brd of DC-Maryland Reg. Brd; Advis. Brd, Volunteer Services, DC Gen. Hosp., 55-; League of Women Voters. Womens' Natl Democratic Club; served as area chmn f. Cancer Crusade, Red Cross, Community Chest, etc.; partic. at confer. of world Jew. leaders, Jer. 69; awards from BBW: "Woman of Awareness" ,69; "Wo-

man of Committment", 70; Human Rights Award by UN Assn of USA.
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SHAPIRO, David; Rabbi, Temple Sinai, Hollywood, Fla., 52-; b. Jerusalem; ed.: Yeshivath Yavne, Theol. Smnry of Am., ordained rabbi, 39; New York U., Brooklyn Law Sch., LL.B.; m.: Leila Sinaiko; s. Haim; d. Judith; p. rabbi, Green Bay, Wisconsin; dir., A.J.C., Chicago, 44-48; deleg. to Am. Jew. Conf., 48-51; lectured before: business, profess., Church groups, UJA, ZOA, B'nai B'rith; p. pres.: Gt. Miami Rabin. Assn; Hollywood Clergyman's Fllwship; S.E. Region of ZOA; Bravard Brd of Rabbis; visit. Israel every year.
1201 Johnson St., Hollywood, Florida 33020, USA.

SHAPIRO, Ezra Z.; attorney; Chmn, Keren Hayessod - United Israel Appeal, 71-; Pres., Wld Confed. of Gen. Zion., 72-; Hon. Pres., Am. Jew. League f. Israel, 60-(Pres., 57-60); mbr, Natl Brd of Govns, Israel Bond Org., 51-65; Natl Vice-Pres., UIA, 55-66; mbr, Brd. of Govns: Weizmann Inst. of Sci., 71-; H.U. Jer., 73-; b. Volozhin, Poland, 1903 (s. of Rabbi Osias & Ester Brudno); to USA, 1906; to Israel, 1971; ed.: Ohio Northern U., LL.B.; m.: Sylvia Lamport, 1932; d.: Rena Blumberg; s.: Daniel; Dir. of Law, City of Cleveland, 33-35; Vice Chmn, Clev. Mayor's Community Relations Brd, 65-71; Pres., Clev. Bureau of Jew. Educ., 53-56; Pres., Clev. Jew. Comm. Council, 42-45; Vice-Pres., Am. Assn f. Jew. Educ., 59-66; one of 19 Am. repres. who helped organize direct Am. support f. the Hagannah, 45; Chmn, Natl Exec. C'tee, ZOA, 34-35; part. in 7 W.Z. Congs, 37-; Chmn, Comm. on Jer. Program, WZ Cong., 51.
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SHAPIRO, Max A.; Rabbi, dr. — Temple Israel, Minneapolis, Minn.; mbr: Exec. C'tee, Rabbin. Advis. Cl., UJA; Rabbin. Cabinet, Isr. Bonds; Natl Cl., JDC; fcty, Hamline U., St. Paul; b. 31.1.1917, Worcester, Mass.; ed.: Clark U. — A.B., 39; Boston Teachers Coll. — M.Ed., 40; HUC — B.H.L., 55; Cincinnati U. — D.Ed., 60; HUC — M.H.L., 70; m.: Bernice; ch.: Susan, Steven; brd gvrnrs HUC; Unit. Fund of Minneap.; Inst. f. Ecumenical & Cult. Res., St. Johns U.; p. pres.: Minnesota Rabbin. Assn; Midwest Assn of Reform Rabbis; Cl. on Relig. & Race; p. commissioner, comm. Against Discrimination; citations: Outstanding Citizen of Minneapolis, 66 & of United Fund, 70.
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SHAPIRO, Menachem Nahum; Rabbi; Executive Director, Makhon Maharshal, Rabbinical & Teachers Seminary, Jerusalem; b. Jerusalem, 1915; m. Doba Shapiro; 1 s.; 1 d.; educ.: Yavne Jewish Theological Seminary, New York; Exec. Director, Yavne Seminary, 42-46; co-founder, Makhon Maharshal, 50; co-founder, Secretary, Rabbinical Conference of Am., 41-46; Edit., Otzar Ha'-Sheelot U'Teshuboth, Jer., 71.
36, Jabotinsky St., Jerusalem.

SHAPIRO, Shimon Y.; Mng., Head Office, The First International Bank of Isr. Ltd.; Mng. Dir., MERAV Mortgage and Savings Bank Ltd., mbr, brd of dirs, on behalf of Israel Government: Israel Shipyard Ltd., Israel National Oil Company Ltd.; b. Russia, 13.5.1925; to Israel, 1933; ed.: elem. & high school, Haifa, -43; H.U. Jer. (Econ. Statistics), B.A.; Columbia U. Grad. School of Bus. Adm., N.Y., M.Sc.; **m. 1954; ch.: Ehud,** Sharona, Yoram; served in Palmach; mbr, p. kibbutz Hatzerim, 46-53; w. Min. of Finance, 60- (p. Dep. Accountant Gen.); Financial Mng., Tadiran Isr. Electronics Ltd., 69-70.
16, Shaar Hagai St., Ramat-Gan; Tel. 745298.

SHAPIRO, Ya'acob Shimshon; LL.B.; Minister of Justice, 65-73; b. 1902, Russia; ed.: Medical School, Kharkov U.; Law School, Jerusalem; to Israel, 1924; co-founder, Kibbutz Givat Hashlosha; first Attorney General, mbr, Labor Pty; resigned mid term f. 2nd Knesset; private lawyer until app. to the cabinet.
10 K.K.L. Blvd., Tel-Aviv, Tel. 225792.

SHAREF, Ze'ev; M.K. (Labour Alignment); Minister of Housing, 1969-; past (-69), Minister of Finance & of Commerce and Industry; p. chairman, Govt. Arbitrators' Comm.; p. Admin. Dir., Weizmann I., Rehovot; b. Izvor, Bucovina, 21.4.06; widower; 2 s.; 1 d.; p.w. staff of Polit. Dpt., Jew. Agcy; Secretary to Israel Govt., Dir. of State Revenues, 48-56; 1948, in charge of organizing new government machinery.
25, Shemariahu Levin St., Jerusalem.

SHARF, Andrew; B.A., Ph.D.; Historian Prof.; Head, Gen. History Department, Bar Ilan U.; b. 2.12.15, in Rostov-on-Don; ed.: City School & London U.; to Israel, 1957; m. Eva Gruenwald; p. free-lance Journalist; volunteered Br. Army (Royal Signals), 41-46 (mostly in India); Teacher, London U., 51-52; Fellow, Inst. Hist. Research, 52-53; Teacher, Liverpool U., 53-56· at Bar Ilan U., 58-; publ. "Byzantine Jewry from Justinian to the Fourth Crusade" (71); "The Brit. Press & Jews under Nazi Rule" (64), etc.; Contributor & Dpt. Editor, Encyclopaedia Judaica; articles under auspices of Yad va-Shem & The Inst. of Race Relations (London).
c/o Bar Ilan U., Ramat Gan.

SHARON, Alexander; Dir. Gen., Dimona Fibres Ltd. & associated companies, 69-; b. Budapest, 7.6.1923; ed.: Matriculation; London School of Econ. (1 year); m. Dvora Benor, 1950; d. Noga; s. David; Lieut., British Army, 41-47; Sgan-Aluf, IDF. 47/48-60; Isr. Ambass. to two African countries, 60-65; w. Dimona Fibres, 65-.
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SHARON, Ariel; Member of Knesseth (Licud), 74-; Brigadier General (Res.); o/c, South. Command, 69-73; p. head, Training Dpt. IDF, 66-69; b. 1928, K'far Malal, Israel; active in Hagana since early youth; grad. course of platoon comm; Ruhama, 45; training activity, Sharon area; service Jewish Police units, instructor, 47; participates, as Hagana off., in Sharon battles; comm, platoon, "Alexandroni" brigade, wounded in Latrun battle; back to participate in "Operation Dany"; app. Regim. Intelligence Off., particip. in battles of "Faludja Pocket", 48; app. comp. comm., 49; transf. to "Golani", comm. brigade reconnaissance unit, -50; app. Intell. Of., Central Command & Northern Command, -52; studies History & Oriental, Hebrew U., 52-53; in charge of 'Unit 101", on numerous reprisal operations, wounded; "101" later part of Paratroops Reg. & app. its o/c, through several reprisals & Sinai campaign, -57; studies, British Staff High School, -58; app. Training Comm., Gen. Staff, 58, later Comm. Infantry School, 58-69; app. Comm. Armoured Brigade, 62-; head of staff, Northern Command, 64-; studies law, Tel Aviv U., -66; app. head of Training Dpt., 66-; particip. Six Days' War as head of Brigade Groupe which broke through the Egyptian fortified positions in Um Katef, Abu Ageila, Bir Hassna & to the Mittleh straits; m.; 2 s.
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SHARON, David; M.Sc.; Ph.D.; snr lectr in Geography, Climatology; b. in CSR; to Isr., 39; m.: Judith Dovrat (Doff); 3 ch.; educ.: H.U., Jerus. (M.Sc., 61; Ph.D., 66); Visit. Scientist, Natl Acad. of Sc., Wash. D.C., at US Army's Natick Labs, Mass., 66-67; Guest Prof. Clark U., Worcester, Mass., 67-68.
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SHARON, Emanuel; Gen. Mng., Control Data (Israel) Ltd.; Lt. Colonel (Res.); b. 1929, Poland; to Israel, 1929; ed.: H.U. Jer. - B.A. (econ. & statist.); M.A. (econ. & bus. admin.); U. of California, Berkeley, Ph.D. (comput. sci.); married; 4 ch.; p. Assist. Dir. of State Revenues & p. Assist. Commissioner, Income Tax, Min. of Fin.; served IDF in var. assignments; p. mbr, Automation C'tee, Isr. Gvt; mbr: I"1a Cl. (p. mbr of direction; ACM; I"1b.
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SHARON, Henry Hanan; Economist and Management Consultant; Ph.D., M.A., B.A.; Dep. Dir., Jewish Agency Companies Bureau; Director of Companies, such as Israel Land Development, Rassco, Sharon and Galei Kineret Hotels, "Mabat Precast Housing Construction Co."; b. Tel-Aviv, 20.10.1929; ed.: Economics and Political Science, Univ. of California, Berkeley, and Univ. of London; m. Hadassa Greengrass; ch.: Eiran, Gil; University lecturer and petroleum company executive in U.S. (50-53); Jewish Agency External Relations Director (56-59); Research Director, Israel Management Centre (59-61); Jewish Agency Econ. Representative in London (63-66); Since 1960 consultant to West European companies in international commerce and finance; articles on international law, development economics, corporate management; Studies on relationship of business and politics and on European Capital Markets; Pioneered analysis of multi-national corporate org. & of the role of directorial brds in modern cos.
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SHARON (Shtrikman) ,Nathan; M.Sc.; Ph. D.; scientist; Prof., Weizmann I. of Science; Chmn, Sci. Cl., Weizmann Inst., 72-; Head, Dpt. Biophysics, 73-; Visit. Prof.: U. of Calif. Berkeley, 70-71; Mary's Hosp. Med. Sch. London, 71; b. Brisk, Pol., 4.11.1925; m. Rachel Itzikson; 2 d.; ed.: H.U.; to Isr., 1934; Agr. Research Station, Rehovot, 49-53; Weizmann Inst., 1954-; Research Fellow, Harvard Medical School, 56-58, 62-63; Visit. Assoc. Prof., Albert Einstein College of Medicine, New York, 63; published, together with Dr. I. Michaeli, "What is New in Science"; Scientific Editor, "Mada".
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SHARON, Shmuel; Assist. Dir., Bank "Tefahot", Israel Mortgage Bank; b. in Lithuania, 1924; acad. ed.; to Israel, 1940; m. Rahel Stock; ch.: Ilana, Sarit, Ben-Zion; p. mbr. I.Z.L. (deported to Kenya); Assist. Dir., Mifalei Tovala, 52-62; Dir. Gl., 62-65; mng. of "Zion" Insurance Ltd., 65-67; publ. "Costing Principles in Transportation"; editor of 'Tahbura" (monthly).
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SHARON, Uzi; M.E.; Mng. Dir., Pan-Engineering Ltd., 69-; b. Jerusalem, 26. 6.1927; ed.: Technion, Isr. Inst. of Technology; advanced electronics in U.S. u-ies; m. Miriam; d. Maya; Head of Research and Development Ordnance Corp, IDF, as Lt. Colonel, -69; mbr, I.E.E.E.; various classified papers on electroptics system; design & construction, Electronic Music Center, Hebrew U.
12, J. Efter St., Ramat-Aviv, Tel Aviv. Tel. 418396.

SHASHOUA Ezra; see AHARON (Shashoua) Ezra.

SHATS, Saul; painter; b. Israel, 30.9. 1944; ed.: "Bezalel" Acad. Jerusalem; Rietveld Acad., Amsterdam; mbr, Isr. Artist Assn; one-man show, Engel Gall., Jer., 68; Combined Arts, group exihb., Jer., 68; Grafics from Israel, Holland, 69-70; "Model + 2", two painters exhib., Tel-Aviv; "4 x 4", group exhib., Engel Gall., Jer.; "Painting in the Street", Jer., 70.
23 Derech Beit-Lechem, Jerusalem.

SHAVIT (Schiglick) Abraham (Buma); mbr, Presidium, Manufacturers Assn; chmn, Admin. & Information C'tee; b. Tel-Aviv, 1927; m. Yaffa Bultinsky; 1 s.; 1 d.; educ.: Technical High School, England; officer, Israel Air Force; owner, P. Shavit Metal Electric & Gas Works; Natl Pres., Ha-Lishka Hatzeira Lodge; mbr, World C'tee, Junior Chamber International.
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SHAVIT (Weissenstern), Mordechai (Mark); eng.; Mng. Dir., Monsel Electronic Instruments Ltd., Haifa (Subs. Monsanto), 70-; b. Jerus. 20.6.1929; ed.: MIT, Boston, Mass., BSEE, 53; MSEE, 56; m. Esther Bogair; s.: David, Gideon; p. V.P., Signetics Corporation, Sunnyvale, Calif., 61-65; mbr, secr. — treasurer, Institute of Electrical and Electronic Engineers (Israel Section), 67-68.
27 Alexander Yanai St., Haifa.

SHAVIT (Warshawsky), Moshe; Dir., Agrexco-Agricultural Export Co. Ltd., 64-; b. Lodz, 1916; m. Ora Goldberg; 1 s.; 1 d.; educ.: Technion, Haifa; p. Manager, f "Nahshon", Histadrut owned Fishing Co.; Dir., Fisheries Dpt, Min. of Agriculture, 53-64; member, Council, Ports Authority; on several committees of FAO. (U.N.); articles in Fishermen's Bulletin, etc.
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SHAZAR, David; Gen. Mng., Lime & Stone Production Co. Ltd.; b. Lithuania, 1926; graduate secondary school & volunteered Hagana; w. IDF, -65 (Signal Corps, rank of Sgan Aluf); graduated university studies (econ. & business adm.) & military & general courses, within the framework of Zahal; manager of private co., 65-70.
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SHAZAR (Rubashow) Shneur Zalman; 3rd President of Israel, 1963-1973; author; journalist; p. member, Jewish Agency Executive & Head, Dpt. of Education and Culture in the Diaspora; b. Mir (Russia), 24.11.1889; m. Rachel Katznelson; 1 d.; educ.: Acad of Jewish Sciences, Leningrad; Freiburg, Strasbourg & Berlin U-ies; to Israel, 1924; editor, "Davar" (daily), 25-48; among organizers of he-Halutz in Europe, Labor Movement in Israel; instrumental in bringing about the merger of Poale Zion, Zeiri Zion and Hitachdut factions; mbr, Zion. delegation, U.N. General Assembly, Lake Success, 1947; Minister of Education, 49-50 (introduced general & compulsory education in Israel); mbr., First, Second & Third Knesset; missions abroad, delegate to Zionist and international labor congresses; mbr., Vaad Leumi Political C'tee; author of the Vaad Leumi Manifesto, regarding the holocaust in Europe, 1943; a great number of scholarly, polemical, ideological essays, research in Jewish mysticism, Hassidism, etc., as well as poems in Hebrew, Yiddish, German & Russian; two books: "Kochvei Boker" (autobiogr. sketches trans. into Eng., French, Yiddish, Spanish); "Or Ishim", biographical essays; "Orei Dorot", historical studies; "Zion ve-Zedek", essays on Jewish Labor Movement, Hon. Degrees by Bar Ilan U., Hebrew U., J. Th. Smny., N.Y., Rio de Janeiro, T.-A., Dropsie & Yeshiva U-ies, Herzlia Coll., H.U.C.
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SHAZAR-KATZNELSON, Rachel; journalist; co-founder and member, Women Workers' Council; founder & editor, "Davar Hapoelet" (weekly); b. Bobroisk, Nov. 1888; m. Zalman Shazar — President of Israel; educ.: University, Petersburg; to Israel, 1912; Kibbutz Kinnereth, 14-17; in various capacities, with the Histadrut; several missions on behalf of Women Workers' Council to U.S.A., Poland, Germany (1946); mbr., Presid. Zionist A.C.; mbr., Educational Advisory Comm., Min. of Educ. and Culture; numerous articles, notably on cultural and labor questions; books: "Masot U-Reshimot"; edited "Divrei Poalot" (39) & "Im Paamei ha-Dor", Anthology of 25 yrs. "Dvar Hapoelet" (64); "Al Admat Haivrit" (1966); Brenner Prize, 1947; Israel Prize, 1958; Greenberg Prize, 1959.
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SHECHTER, Moshe; M.D.; spec. internal diseases, metabolism; mbr., Scientific Council, Central C'tee of the Israel Medical Assn.; chief med. adviser on rehabilitation of Nazi Victims, Min. of Finance; b. Russia, 10.4. 1896; m. Riva Itelson; s. Hanoch; d. Aja; ed.: Rabbinical Seminary, also Kharkov & Berlin U-ies; Assn Charité Med. Clinic. of Berlin, 23-33; res. worker, Biolog. dpt, Kaiser Wilhelm I. Dahlem, Berlin, 1931-1933; editor (together with late Dr. Ravidowitz) of "The Talmud and Medical Sciences", by Buki ben Yogli; author (together with Dr. G. Goldstein) of the medical lexicon "Otzar Ha-Refua veha-Briuth" (two editions); papers on medical topics.
10, Modigliani St., Tel-Aviv & 105, Rothschild Blvd. (Private Clinic).

SHECHTERMAN, Abraham; C.E.; A.I.G.; M.K. (Gahal), 69-; p. mbr., Tel-Aviv Municipal Council; f. Head, Health & Public Works Services, Tel-Aviv Development Authority; member, Board of Governors, Heikhal Hatarbut; f. Dep. Mayor of T.A., in charge of Jaffa, initiator of the develop. of the Old City of Jaffa; f. chmn, Pilots' Club, T.A.; repr. the Knesseth on the Cl. of Europe, as observer; Chmn, Inst. f. Contemp. Soc. & Econ. Res.; b. 3.12.1910, Siniava; m.; 1 s.; 2 d.; ed.: Ghent U.; mbr, Assefat Hanivharim, 39-43; elect., chmn, Knesset's Econ. C'tee, 69-; mbr, brd of dirs, Old City of Jaffa Co. Ltd.; chmn, Fund f. the Advanc. of Medicine, T.A.; chmn, Friends of the Isr. Theatre Scty.
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SHECHTERMAN, (the Hon.) Judith, née Sieff; b. Manchester, England, 1921; m. MK Avraham Shechterman; 1 s.; 2 d.; member, World Wizo Executive.
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SHEFTEL, Arye; Mayor, Rishon Le-Zion, 1965-69; b. Vilna, 3.2.1905; m.: Paula Rabinowitz; 2 d.; educ.: Teachers' College; School

of Polit. Sc., Vilna; p. mbr., Central Historical Council, Poland; delegate, Intl. Congress of Liberated Political Prisoners; to Israel, 1947; M.K., 49-51; mbr., Secretariat, World Federation Poalei Zion; edited "Unser Wort" (Polish-Yiddish periodical); Mayor, Rishon-le-Zion, 51-56; Dir., Information Dpt., Prime Minister's Office, 56-60; mbr., Knesset C'tee, Security & Frgn. Affairs; p. dir., World Hebrew Union (63-65).

5 Hashaked St., Rishon-le-Zion.

SHEIN, Niura; actress; b. Russia; m. Shmuel Rudensky; educ.: university, drama school, conservatory; to Israel, 1926; with "Matate" & "Habimah", 32-; parts in "Dybbuk", "The Death of A Salesman", "Little Foxes", etc.

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SHEK, Y. Zeev; journalist; Pol. Advis. to the Min. f. Frgn Affs, 72-; p. Ambass. to Austria; b. May 13, 1920; m.: Alisa Ehrman; 3 ch.; educ.: Prague U., & Hebrew U.; Dir., Youth Dep., Jew. Community, Prague, 1941; Dir., Office f. Collection of Documents on Jewish Persecutions, 46; to Israel, 1946; joined MFA, Eastern Europe Div., 48; Charge d'Affaires, Prague, 52; political secretary to the Minister, 53-56; Counselor, Israel Embassy, London, 55-60; Minister Plenipotentiary, Israel Embassy, Paris, 60-63; Dir., Western-Europe Div., 67; chairm. Research Comm. on Theresienstadt Ghetto; articles, research work, on persecution of Jews by the Nazis.

Beit Hakerem, Jerusalem.

SHELDON, Leonard; TV film producer, director; Pres., Sheldon Leonard Product.; Off. & Brd of Gvnrs, Directors Guild of Am.; Off., Acad. of TV Arts & Sci.; Visit. Prof., Sch. of Communications, Syracuse U.; b. 22.2.1907, New York City; ed.: Syracuse U., M.A.; m.: Frances Bober; ch.: Andrea, Stephen; 4 nominations, Dirs Guild & 4 nominations, Producers Guild; prod.-creator of 14 TV series - close to 2000 episodes; "Man of the Year": Prof. Mngrs Assn, 65; Scty of TV & Radio Announcers, 68; B'nai B'rith, 68; awards: Christopher, Sylvania, 4 Acad. Awards.

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SHELESNYAK, Moses Chaim; Ph.D.; Prof. Endocrine and Reproduction Physiology; Dir. Interdisciplinary Communications Program, Smithsonian 2I., Washington D.C.; p. head, Dpt. of Biodynamics, Weizmann Institute of Science; b. Chicago, 1909; m. Roslyn Benjamin; 1 s.; 1 d.; educ.: Wisconsin U.. Columbia U.; Columbia College of Physicians & Surgeons; lecturer in Human Growth, New College, N.Y., 36-37; head of Environmental, Physiology and Ecology Branch, U.S. Office of Naval Research, 46-49; lecturer in Ecology, Johns Hopkins U., 49-50; Visit. Prof., College de France, 60; Senior Scientist, Weizmann Inst., 50-; Oliver Bird Prize for Research in Reproduction Physiology, 58; fellow, Am. Assn. f. Advancement of Science; mbr., Am. Socty. f. Study of Sterility, British Glaciological Socty.; fellow, Eugenics Socty (London); Hon. Foreign Corresponding Member, Societe Royale Belge (Gyn. & Obst.); corresp. edit., Journal of Reproduction & Fertility (London); mbr. of many other scientific societies.

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SHEMER, Naomi; lyrics writer; composer; b. Kvutzat Kineret; ed.: Academy of Music, Jerus.; m.; d., Haleli; distinguished songwriter, poet, composing her own poems; won unanimous acclamation and world fame with "Jerusalem of Gold", which became almost a kind of national anthem during the six days' war & the liberation of Jerusalem.

4 Emil Zola St., Tel Aviv.

SHEMESH, Arie; system analyst & systems programmer f. data processing by means of electronic computers, 50-; Dir., M.L.L. Statistics & Office Efficiency Ltd., 63-; b. Iraq, 25.12.1933; ed.: courses in plann. & progr. f. computers; mngmnt course in soc. sci., Eliezer Kaplan Sch. of Econ. & Soc. Sci., H.U. Jer., Bus Adm. Dpt.; training courses in data process. systems & equipment f. electron. compu-

ters in Europe & USA; m. 1958; ch.: Leora, Jacob, Liat, Gai; p. founder & dir., Coop. f. Office Mechan. & Efficiency Ltd.; counsellor & project mng., Counselling Co.; mbr, Cl. f. the Advancement of Educ. of Immigrants from Iraq in Isr.
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SHERMAN, Arnold; author, journalist, public relations; El-Al Co. Spokesman, 65-; b. New-York City, 27.5.1932; to Israel, 1963; ed.: Lasalle U., Asia Inst.; m. Mary Lucille, 1952; d. Michele, Laura; s. Jonathan; p. news editor, Aviation Week; Public Relations, Israel Aircraft Industries, 63-65; books: A Thought in the Night, 50; Impaled on a Cactus Bush, 69; In the Bunkers of Sinai, 71; To the Skies, 72; Lighting in the Skies, 73; Impaled on a Rhino's Horn, 73; regular contributor to Israeli & American periodicals.
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SHERMAN, William: Indust. Designer, Eng.; Co-Manager, K.V. Design International, Tel-Aviv, 71-; b. Chicago, USA, 7.4.1922; to Israel, 1971; ed.: B.Sc. Mech. Eng., Purdue U., 43; B.Sc., Indust. Design, Inst. of Design, Ill. I. of Techn., 51; Sci. Diploma, Riverside Military Acad., USA, 40; m. 1957; 2 d., 1 s.; p. Dir of Design: Western Stickley Div. of Singer Corp., Clock & Radio Div. of Elgin Co.; p. owner Wm Sherman Industrial Design; mbr, Indust. Designers Assn, USA; p. mbr, Brd of Dirs, Elms Club (Social); Grad., US Army Officer Candidate School (Field Artillery) Ft. Sill, Oklahoma, 44; 1st Lt., US Army field Artillery serving in Europe, 44-51; clay sculptures chosen f. Highland Park art exhibit, USA; instructor of indust. design, I. of Design, Ill. I. of Techn., 56, 57; Radio Designs chosen f. the US travelling exhibit. "Design USA", 1965, sponsored by US Dpt. of Commerce.
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SHEROVER, Miles M.; industrialist; philantropist; conceived & contrib. to the building of The Jerusalem Theatre; b. Cracow, Poland, 16.10.1896; ed.: City Coll., New York (Townsend Harris Hall); Columbia U. — Languages; m. Gitta Balson, 1955; d.: Ricky, Leslie; s. Gabriel; freelance journalism, China, Japan, 18-23; Advert. Mng., Transpacific Magazine, Tokyo, 20-21; Vice-Pres., Intl Merchandizing Syndicate, N.Y., 29-32; Pres.: Soviet-American Securities Corp., N.Y., 32-36; Hanover Sales Corp. (Official Purchasing Agcy of the Spanish Rep. Govt.), 36-39; Worth Steamship Co., 37-41; Founder & Dir., General Tire & Rubber Co. of Venezuela, Caracas, 39-; Assist. Mng. Rubber Div., Brd of Econ. Warfare, Washington D.C., 42; Founder & Dir., Siderurgica Venezolana "SIVENSA" S.A. Caracas, 49-; paper on: Organization & Establishment of Semi-Integrated Steel Prod. Plants in Dev. Countries, delivered at UN Second Interregional Symposium On Iron & Steel Ind., Moscow, 68.
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SHERR (GASSMAN), Rosalie; Gen. Secr., Fed. of Women Zionists of Gt. Britain & Ireland; b. 8.11.1912, London; m.: Leonard Sherr; Gen. Secr., F.W.Z. (British Wizo), 40-71; p. Chmn of World WIZO Youth Center.; author: "History of the Federation of Women Zionists", pamphlets,

articles, etc.; recip.: British Empire Medal (World War II) ,40.
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97 Shlomo Hamelech St., Herzliyah B.

SHESHINSKY, Eytan; Prof. of Econ., H.U. Jer.; b. 29.6.1937, Haifa; ed.: H.U. Jer. - B.A. & M.A. (econ. & statist.); Massachusetts Inst. of Technol., Ph.D. (econ.); m.: Ruth Abramovicz; ch.: Yael, Hadar, Michal; Visit. Prof., Harvard, Stanford & Berkeley U-ies; econ. cnslt. of the Knesset on behalf of the H.U.; cnslt., State Income mngmnt.
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SHESTACK, Jerome J.; Mbr. Brd. of Gvnrs., H. U. (Alt.) & p. chmn. of the brd. of Am. Friends of the Hebrew U., Phila. chpt.; lawyer; b. in Atlantic City, N.J., Feb. 11, 1925; U. of Penna., B.A., 44; Harvard Law Sch., LL.B., 49; m.: Marciarose Schleifer, 28.1.1951; ch.: Jonathan, Jennifer; also mbr. brd. of gvrnrs., Jew. Theol. Smnry.; Pres., Jewish Publications Society; Brd of Gvrnrs., Gratz College; p. vice chmn., Am. Jew. League for Israel; p. law teacher at Northwestern Law School & Unif. Pa. Law School, 49-53; 1st Dep. City Solicitor, Philadelphia, 53-55; partner Law firm Schnader, Harrison, Segal & Lewis, Phila., 56-; p. pres., Har Zion Temple, Phila-Pa; Brd of Dirs, Intl Comm. of Jurists (USA Sec.); Brd, Fed. Jew. Agcies, Phila.; Brd of Gvnrs, Am. Jew. Com.; Chmn, Intl League for Rights of Man; House of Delegates, Am. Bar Assn.
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SHICHMAN, Shabtai; founder, mng., "Sela" Housing Corp., Ltd., 1949-; Member of Knesset, 59-65; mbr., exec. c'tee, Histadrut Ovdim Leumit, 1938; mbr., W.Z.O. Actions C'tee; mbr., World Exec. C'tee JNF; p. deleg. to W.Z. congresses; b. in Kolki, Poland, 15; m.: Dina Wolkowitz; 1 s.; 2 d.; to Israel, 1935.
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SHIFF, Chaim; proprietar & manager: Diplomat Hotel Jerusalem, Diplomat Hotel Tel-Aviv, Diplomat Hotel Haifa, President Hotel Jerusalem, Orgil Hotel Jerusalem, Judea Gardens Hotel Jerusalem, Dolphin House Shavei-Zion; "Chen" & "Orgil" cinemas; pres., Hotel Corp., Jer. & vice-pres., Isr. Hotel Corp.; b. 28.2.1924, Poland; to Israel, 1937; w. British Army, 40-45; active in Irgun Zwai Leumi; interned at Acre & Latrun.
President Hotel, Jerusalem.

SHIFF, David; B.A.; Lic. en Droit; corp. exec.; b. 12.10.30 in Poland; to Israel, 1937; m. Semadar Bulhover; grad. Haifa Sec. Vocational School (48); volunteer Palmach "Negba" Group, partic., Southern Divis., Negev battles; co-founder, Kibbutz Baram (49); Hebrew U.: B.A. in Economics & Sociology (51-55; lic. in law, Paris U. (54-57); in cinema & hotel business, 58-; co-founder "Dolfin House", Shavei Zion, cinema halls in Jerusalem, distribution & production of films; founder, Versailles Furniture Co., 1966-.
1 Shderot Um, Tel-Aviv; tel. 260851.

SHIFFMAN, Zvi; Director, Mbr. of Board, Koor Industries & Crafts Co., Ltd.; Administrativ Dir., Koor Industries & Crafts Co. Ltd.; b. Tiberias, 1919; m.: Hemda Lichtental; 2 s.; 1 d.; 39-42, Secretary Hanoar Haoved; 42-48, Mbr. Kibbutz Gesher; 43-49, Military Service: Haganah, Palmach & Israel Air Force.
Mashabim St., Hod Hasharon; Tel. 924163.

SHIFMAN, Mordechai; Spokesman & Manager, Public Relations, "Egged" — Israel Transport Coop. Society Ltd.; b. March, 1923; to Israel, 1924; ed.; relig. school; secondary school; m. Techiah Trakinsky, 1948; d.: Israela, Ilana.
12, Olifant St., Tel-Aviv; Tel. 612723.

SHIFTAN, Zeev; M.Sc.; Chief Hydrogeologist, TAHAL, Cnslt. Eng. (frgn. div.); b. Goerlitz, Germany, June 22, 1920; m.: Judith Eschwege; 2 d.; educ.: Hebrew U.; postgraduate geological studies; spec. tech. adviser, U.N., 63-65; geological studies, groundwater studies, in Israel, Spain, Italy. Iran, Cyprus & Niger; p. dep. dir., Geological Survey of Israel.
6 Katznelson St., Jerusalem.

SHILLONY, Ben-Ami; Ph.D., historian (Japanese history); lctr in Japanese history, H.U. Jer., 71-; b. Poland, 1937; to Israel, 1948; ed.: H.U., Jer.; study & res. in Japan, ICU, Tokyo; Princeton U., USA; m. Lena Kornreich, 1962; d.: Iris, Ruth; p. Visit Assist. Prof., U. of Colorado, US A; co-author of "Crisis Politics in Prewar Japan" (Sophia U., Tokyo, 70), edit. by George Wilson; "Revolt in Japan", Princetown U. Press, 72; book reviews in various prof. journals; partic. in panels on Japan in the annual meeting of the Assn of Asian Studies, Boston, 69; Midwest Japan Seminar, Milwaukee, 71.
4, Bialik St., Jerusalem; Tel. 526734.

SHILOAH, Amnon; Musicologist; Ph.D. (Musicol., Orientalist); snr lectr., Hebrew U.; chief edit. of Folklore, Isr. Brdcast. Serv.; b. in Argentine, 28.9.28; to Israel, 1941; educ.: Hebrew U. (Hebr. Lit., Arabic, Bible), Isr. Music Academy, Jerus. (flute); Ph.D., Sor-

bonne, in Musicology; m.: Anna Haimowitz; ch.: Eldad, Nogah, Abigail; p. w. Kol Israel Orch.; 54-58, studies in Paris, correspondent of Lamerhav, daily; 58-60, programist, Isr. Brdcast. Serv.; 60-65, French Govt. scholarship, doctorate on Arab music; mbr., Natl. res. Centre, France, & teacher at Oriental Lang. Sch.; 65-, program. teacher on Mus.; 68, guest lectr., U. of Illinois, USA; 69-, Dir. of Centre f. Res., Jew. Music; 70-, head, dpt. of Musicol.; mbr, Isr. Musicologists' Union; publ. numerous papers and books on musicological topics; contributor to var. Encyclopaedias (Hebrew, Judaica, Britannica, Dictionnaire des Musiciens, etc.).

1 Shmuel Klein St., Jerusalem.

SHILOAH (Langsam), Zvi; head, Information Dpt., Israel Institute of Productivity, 1954-; editor, "Hamifal"; mbr. central c'tee, Labour Pty.; editor: "Zot Ha'aretz"; "Dvar Hashilton Hamekomi"; b. Borislav (Galicia), March 6, 1911; m.: Sonia Ephrimson; 1 d.; educ.: Tel-Aviv U.; to Israel, 1931; Secretary, Acting Editor, "Hador" (daily), 49-54.

Otzar Hatzmachim St., Herzliya.

SHILOH, Michael; publ. relations off.; Assist. Dir. Gen., Univer. of Haifa, 69-; b. The Hague, Holland, Aug. 1934; to Israel, 1935; educ.: Hebrew U., (B.A. cum laude), 57-61; grad. studies, N.Y.U., 66-68; m.: Ruth Cohen; 2 d.: Avigail, Tamar; w. IDF, 52-55; mbr. Kibbutz Yiftach, 53-57; p. dir. Research & Sci. Instit. "Beth Berl", 61-65; Israel Consul in N. Y. City, M.F.A., 65-69.

7 Nitzanim St., Mount Carmel, Haifa; Tel. 84459.

SHILOH, Isaac Samson; LL.B.; Barrister-at-Law; Judge, District Court, Tel-Aviv, 1952; lecturer, Law Faculty, Hebrew U., Tel-Aviv branch; b. Poland, Aug. 21, 1913; m.: Rachel Shurr; 2 s.; educ.: London School of Economics, London U.; Middle Temple; to Israel, 1926; called to Israel Bar, 1939; magistrate, 45; articles on legal topics.

17 Nezah Israel St., Tel-Aviv.

SHILONI, Adi; lawyer; Dep. Dir. Gen., "Tefahot" Israel Mortgage Bank Ltd.; b. Jerusalem, 24.10.1930; ed.: H.U., Jer. (Law); formerly, in charge of finances in the office of the Israeli Treasury.

17, Ussishkin St., Jerusalem.

SHIMONI, Yaacov; Assist. Dir Gen., Foreign Minister, 1968-; b. Berlin, 1915; married Miriam Shoenbrunn; 3 ch.; educ.: Basle U., Hebrew Teachers' College, Hebrew U.; to Israel, 1936; mbr., Kibbutz Givat Hayim, 36-42; Secr., Arab section, Polit. Dpt, J.A., 41-48; head: Res. Dpt, 46-48; Asian div., MFA, 49-52 & 60-64; couns., Isr. Embassy, Wash., 52-55; Min. to Burma, Ceylon, Laos, The Philippines, 55-57; Ambass. to Sweden, 64-68; author of "The Arabs of Palestine", 1947; "The Arab Minority in Israel", 50; "Contemporary Asia — A political History", 61; "The Arab States — Their Contemporary History & Politics, 1965"; etc.; editor, "The New East" (quarterly), 49-52; editor, (on modern Asia and Middle East), The Hebrew Encyclopaedia; editor & co-author, "Political Dictionary of the Middle East", 71.

17 Radak St., Jerusalem.

SHIMONY, Uri; Snr Lctr, Dpt. of El. Eng., Technion Haifa; b. 13.7.1928, Tel-Aviv; ed.: Herzliah & Tichon Hadash, Tel-Aviv, 42-46; Technion Haifa - B.S., 59; M.S., 61; Mass. Inst. of Techn., Ph.D., 64; m.: Haya Lerman; 4 s.: Jehoshua, Ilan, Yuval & Benjamin; p. Secr., Isr. Laser & Electrooptical Assn.

45a Einstein St., Haifa; tel. 251816.

SHIMRON, Binyamin; Ph.D.; Prof., Dpt. of Classics, Tel-Aviv U., 72-; born, Vienna, 16.2.1913; to Israel, 1938; prim. & scndy (Jewish) school, Vienna; H.U. Jer., 38-42; married, Martha Weisz; 2 ch.; w. Tel-Aviv U., 57-; mbr: Isr. Assn of Classical Studies; Society for Promotion of Roman Studies, London; publ.: articles in learned journals; co-author of "Introduction to Classical Civilization" and "Anthology of Greek Historical Writing" (both in Hebrew, in work); book: "Late Sparta".

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SHIMSHONI (Levin), Daniel; M.Sc., Ph.D.; eng.; Prof., Pub. Admin., Tel-Aviv U.; mbr: City Cl., Herzlia; Supreme Court, Isr. Labour Pty; chmn of brd, Advanced Technology Ltd.; chmn, Tekem (Adv. Tech. Ltd.); chmn, Isr. Found. Trust.; p. Dep. Chmn, Dir. Gen., Natl Council f. Res. & Development; b. Pittsburgh, U.S.A., 1919; m.: Rose Freeman; s.: Jonathan, Isaac-Gideon; d.: Michal, Avigail; educ.: B.A. (Princeton); M.Sc. (Cal. Tech.); Ph.D. (econ. & govt.) Harvard U.; in aerodynamic research, aeropl. design (USA); Colonel, Dir. of Operations, Israel Air Force, -56; p. tutor in Soc. Science (Harvard); publ. classified research, aeronautical science; on science policy & Govt.; econ applic. of nuclear science; on regl. econom. development; on computer applications, pub. admin.

Hanassi St., Herzliya-Pituah.

SHIN (Shmuelevitz-Shifman), Shifra; teacher, editor, translator; b. Israel, 1931; ed.: Teachers Coll.; Baccal. studies; H.U. Jer. (Lit., Jewish Philosophy, Cabbala); m. Matatyahu Shmuelevitz, 1965; publ. poems in literary magazines & literary supplements of Israeli dailies, 53-; books: "Shir Isha" ("A Woman's Song"), Mahbaroth Le'sifruth, 62; "Haza'ad Haba" ("The Next Step"), Mahbaroth Le'sifruth, **68; "Shirei Midbar"** ("Songs from the Desert"), Hakibutz Hameuchad Publ., 71.

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SHINITZKY, Izhac; industrialist; dir. of comm. & industr. enterprises; Gen. Mng. & owner, I. Shinitzky & Co. Ltd.; training in engineering, metallurgy, chemistry; m.: Rivka; 2 s.; 1 d.; p. activ. in electr. networks, later in oil & soap processing, manufacturer & dealer in industr. & agric. equipment; ex-

porter; to Israel, 1922; p. activ. in Haganah; mbr. in prof. bodies; econ. connections in Britain, Austria, USA, Germany, Sweden, Denmark, France, Near East, East & West Africa.
7, Yedidia St., Ramat Gan.

SHINNAR (Schnebalg), Felix (Elieser); chmn., Brd of Dir. "Delek" Israel Fuel Corp.; p. head, Israel Mission in Germany; b. Stuttgart, April 17, 1905; m.: Alisa Bella Oppenheimer; educ.: Heidelberg, Tuebingen, Frankfurt U-ies; to Israel, 1934; Mng. Dir., "Haaretz" (daily), 37-48; Controller of Fuel, 48-49; Economic Conuselor Israel Legation, London, 49-51; head, Israel Mission, Cologne, with personal rank of ambassador, 51-66; mbr., brd. of dirs., Israel Chemicals Ltd.; Chemicals & Phosphates Ltd.
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SHIPPER, Roslyn; President, Women's League for Israel; b. in New York City, 1.12.1922; graduate, Queen College, B.A.; m.: Philip E. Shipper; ch.: Laura, David.
21 Stuyvesant Oval, New York, N.Y. USA.

SHIPTON, Sidney Lawrence; lawyer (solicitor); LL.B.; Gen. Secr. (p. Chmn), Zionist Federation of Gt. Britain & North Ireland; Vice-Chmn, WJC Brit.; mbr, Zion. Gen. Cl.; assoc. mbr, Wld Exec., WJC; mbr, Brd of Deputies of Brit. Jews; b. London, 25.7.1929; private practice, 54-72; p. editor, "The Young Zionist"; p. Chmn, Fed. of Zion Youth; p. Assist. Hon. Secr., Hon. Secr., Treas. & London Vice-Pres., Brit. Zion Fed.; p. Chmn & Hon. Pres. of Young Business & Professional Group, FWZ; p. Vice-Chmn & Hon. Vice-Pres. of Hendon UNA; (candidate f. Hendon & Barnet Borough Cl. on 3 occasions); p. Hon. Secr., Young Members Group of the Law Scty; deleg to the last 3 W.Z. Congresses; mbr, reorganization c'tee, WZO; founder mbr, Liberal Friends of Israel; co-Chmn, Brd of Govnrs, Clapton Jew. Day School; mbr: Brit. Acad of Forensic Science; Royal Institute for International Affairs; Medico-Legal Scty; Law Scty; publ.: booklets on "The Arab Refugee Problem" & "Toward a practical Zionism"; book reviews f. "World Jewry", "Jewish Observer & M.E. Review", "Gates of Zion", etc.; lctr on zionist, Israel & M.E. topics; lctr on criminology.
Rex House, 4/12 Regent St., London SW1, England.

SHITNOVITZER, Shlomo; Zion. youth leader; b. 12.2.16 in Hotin, Bessarabia; mbr. Centr. Comm. Herut; mbr., World Exec. Herut-Hatzoar; mbr., Presidium Brit Rishonim T.A.; mbr. exec. Brit Assirei Zion; p. chief, Betar in Rumania (45-50); p. Vice-Pres. Reviz. Org. in Rum. (46-50); mbr., World Centr. Comm. Betar (62-68); deleg. W.Z. Congresses (46, Basel — 65, 68, Jerus.); editor "Libertatea".
19 Nitzana St., Bat Yam; Tel. 865233.

SHKLARSKY, Elisha; B.Sc.; L.S.; Prof., Highway & Airport Engineering, Technion, 65-; Dean, Arch. Fcty, 67-; Snr V.-Pres., 69; w. the Technion, 37-; b. Isr., 1912; m. Chava Rieber; 2 s.; 1 d.; educ.: Technion; mbr., Eng. & Arch. Assn.; Intl. Assn. of Soil Mechanics; articles to professional journals.
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SHMORAK (Szmaruk), Samuel; Chem. Eng.; Dir., "Sofisyntex S.A. Industrias Quimicas" & "Sivat Industrias de Abrasivos S.A.", Brasil; 71-; b. Rio de Janeiro, 21.11.1939; to Israel, 1950; ed.: Reali HS, Haifa; Technion, grad. 61; m. Tanita Wasserman, 1964; s. Dan Ariel; d. Ronit; Project Eng. in Brasil, f.: "Copebras" — Sulfuric Acid Unit, Superphosphate Un.; I. M.I. patent — Phosphoric Acid Un.; "Dinalube" — Grease & Lube Dils; "Fortebrasil" — Insecticides; "Sivat" — Grinding Wheels & Abrasives in General; "Sofisyntex" — Heparina, Glands & Liver extracts, Pharmaceuticals; Project Eng. (in execution): "Novobras" — Fluoridric Acid, Aluminium Fluoride, Cryolite & Sodium Fluoride Units; "Industria Catarinense de Adubos" — Amonium Phosphates & N.P.K. mixtures Units; mbr: Isr. A.A. A.I., A.I.Ch.E., USA; C.R.E.A., Brasil.
3, Golomb St., Haifa; 1090 Pamplona St., S. Paulo, S.P., Brasil.

SHMUELI, Eliezer; irrigation specialist; plant physiologist; Head, Div. of Environmental Physiology & Irrigation, Volcani I., 60-; b. Bialystok, Poland, 14.6. 1919; to Israel, 1937; ed.: matric. in Poland, 36; H.U. Jer.: 37-42, M.Sc. Botany; 47-52, Ph.D.; m. 1941; 2 s.; 1 d.; in charge of fortifications in Upper Galilee & Jordan Valley, 47-48; Head, Cl. f. Frost Prevention, 58-60; mbr, Min. C'tee, on efficient use of water, 61-68; after 6 Day War, presented plan to Isr. Govt. & USA Atomic Energy Comm., f. desalinization of sea water f. resettlement of refugees within an agric.-indust. framework, 67; presented plan, to Min. of Agric., f. establishment of Regional Agric. Colleges; mbr: Isr. Botany Scty, Isr. Scty of Soil Sci., Intl Scty of Soil Sci., Am. Assn of Plant Physiologists; publ.: 54 papers in Hebrew & 36 papers in English; book: "Reshimot U'mechkarim", Sifriat Hassadeh (on agric. res. in the Jordan Valley), 60; "A General Survey of Citrus Irrigation Research in Israel During the 1960", 71; awards, by Natural Science Assn of T.A. & by Assn of Heb. Students of Manchester, 1942 (f. M.Sc. thesis: "Ecology of Some Dead Sea Shore Plants"); special mention, by Senate of H.U., 1952 (f. Ph.D. thesis: "Irrigation Experiments in the Jordan Valley").
53, Yahalom St., Ramat-Gan; Tel. 724986.

SHOALY, Yoav; painter; b. 3.1.1940, Israel; p. mbr of Kibbutz Ein Shemer; m.: Talila Gazit; 2 s.: Yuval, Assaf; one-man shows: Woodstock Gall., London, 65; Katz Gall., Tel-Aviv, 66, 67; Safrai Gall., Jer.,

66; Mabat Gall., T.A., 69; Riebenfeld Gall., Jaffa, 72; group art exhibs: Tel-Aviv Museum, 65; Katia Granoff, Paris, 72; 1st Prize of Histadruth Natl Post. Contest, 61; scholarships & awards, Sharett Fndn, 62-67.
50 Halamed Hey St., Givataiym.

SHOHAM, David Jacob; M.A.; economist; Managing Director, Israel General Bank Ltd.; b. Tel-Aviv, June 9, 1923; m.: Dina Rezky; 1 s.; 1 d.; educ.: Hebrew U.; in Govt. service, 51-59 (Deputy Controller of Foreign Exchange, Econ. Counselor, London Embassy, etc.); Man. Dir., Foreign Trade Bank Ltd., 59-65.
62, M. Sharet St., Tel-Aviv.

SHOHAM, Shlomo; LL.M., LL.D.; Prof.; Dir., I. of Criminology & Criminal Law, T.A.U.; b. 14.4.29 in Lithuania; ed.: London U., 47; res. student, I. of Criminology, Cambridge U.; LL.D. in Criminal Law, Hebrew U. (60); Research Assoc., Ohio State U. (63), etc.; m.: Ruth; ch.: Gyora, Boaz, Yael; publ. 8 books & 70 papers in his field.
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SHOHAT (Bercovici), Batya; Snr Res., Cancer Research Unit of Clin. Lab., Beilinson Med. Center; b. Iasi, Rumania; 1934; to Israel, 1950; ed.: H.U. Jer., M.Sc. in microbiology; Ph.D. in experimental biology, 65; m. 1955; ch.: Ronit, Michael; p. Head, Experimental Cancer Chemotherapy Sctn, Pharmacological Inst.; mbr: Isr. Assn of Immunology, Isr. Assn f. Cancer Research & Therapy, New-York Acad. of Sci., Europ. Assn f. Cancer Res., Intl Scty of Cell Biology; publ. (jointly with others) about 30 sci. papers on Cancer Chemother, Cancer Immunol., Cytology & Pharmacol.; spec. publ. on Cucurbitacnis, Withaferin A. & Carbobenzony-Phenylalanine.
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SHOMRON, Gideon; Dir., President's Office, 65-71, 73-; b. 30.3.1921, Lodz, Poland; to Israel, 1934; ed.: Reali Sch., Haifa; H.U. Jer.; Am. U., Beirut; Publ. Serv. Coll., Jer.; m.: Hanita Wiseman (widowed, 69); 2 s.: Ari, Avidan; Vice-Consul, New York, 48-50; M.F.A., Jer., 51-55; First Secr., Stockholm, 55-58; First Secr., Moscow, 58-60; Consul Gen., London, 60-63; Head, Dir. Gen. Office, M.F.A., Jer., 63-65; Min. Counselor, Washington, 71-73.
President's Office, Jerusalem.

SHOR, Yehoshua (Eusebe); Prof. of Music & Art; Dir., Prof. Shor's Conservatoire & Academic Institute of Music; Chairman, Israel Assn. of Musicians & Music Teachers; mbr., brd., Natl. Music. Council of Israel, & of Assn. of Musical Youth; Pres., Bnei Brith Lodge, 61-62, 62-63, 66-67, 67-68; music pedagogue, art historian; b. Moscow, 1992; m.: Nadiva Friedlander; ed.: Beethoven's Music. Inst.; Moscow & Freiburg U-ies; p. Prof. & mbr, Art Academy, Moscow.
5 Arlosorov Street, Holon ;tel. 842847, 848064.

SHORE, Amiram; system analyst & system programmer f. data processing by means of electron. computers; Dir., M.L.L. Statistics & Office Efficiency Ltd., 63-; b. Israel, 30.1.1938; ed.: pol. sci., soc. & econ., Tel-Aviv Sch. of Law & Econ. and the Tel-Aviv branch of H.U. Jer.; mngmnt courses in soc. sci., Eliezer Kaplan Sch. of Soc. Sci., H.U. Jer., Bus. Adm. Dpt.; training courses in programm. of automatic data process. syst., Office Mechan. Center, Min. of Fin.; training courses in data process. syst. & equipment, in Europe & USA; m. 1963; ch.: Limor, Ari; p. Captain, IDF; p. Head, Isr. Scouts Assn, Rishon Le-Zion Branch; p. programmer, Office Mechan. Center, Min. of Fin.; founder & p. Dir., Coop. f. Office Mechan. & Efficiency Ltd.; Chmn, Un. of Data Process. Co-ies in Isr.; Dep. Chmn, Un. of Users of IBM Computers in Isr.; mbr, Manpower C'tee by Computer C'tee of the Econ. Convention.
M.L.L. Statistics & Office Efficiency Ltd., Tel-Aviv.

SHORR, Zvi; Painter; Dir., Painting Studio, Petach Tikva; b. in Ukraine, Russia; academic educ.; m.: Rivka Lewin; d. Ruth; s. Avinoam; to Israel, 1921; studied w. Prof. Herman Struck, Haifa, Sculptor Strich, Haifa; 1st exhibits at Migdal David, Old City, 26; 1st One Man show Tel Aviv, 36, 38; studies & exhibs. in Paris; mbr., Sculptors & Painters' Union, Israel; numerous personal & collective exhibitions, here & abroad; distingued, Intl Art Exhib, Nepal, 70; partic., Expressionism Exhib., Israel Museum, 71.
4, Geser St., Tel Aviv; Tel. 228144.

SHOSTAK, Eliezer; M.K. (Free-Centre Pty); Secretary Gen., Histadrut Ovdim Leumit, Israel b.; Poland, Dec. 16, 1911; m.: Mina Burko; 4 d.; educ.: religious schools; to Israel, 1935; p. instructor, Betar; p. mbr., world executive, Zion. Revis. Org.; p. M.K. (Herut), 49-66.
58 Harechasim St., Ramat-Gan.

SHRAGAI, Eliyahu; econ.; teacher; journalist; Mng., Press & Pub. Relations Dpt., Zim, Israel Navigation Co. Ltd., 1954-; b. Jerusalem, 1929; m.: Miriam Armon; 1 s.; 1 d.; educ.: Teachers' Training College, Jerusalem; Geneva U.; p. Parliamentary corresp. "Hatzofe" (daily), 49-51; studies in Switzerland, 51-54.
6, Gilboa St., Neve Shaanan, Haifa.

SHRAGAI, Shlomo Zalman; journalist; p. mbr., Jew. Agcy. Exec.; p. head, Jew. Agcy's Immigration Dpt.; mbr., editorial board, "Hatzofeh" (daily), "Sinai", "Letzte Naies"; b. Poland, Dec. 31, 1899; m.: Miriam Spielberg; 1 d.; 3 s.; educ.: Rabbinical college; to Israel, 1924; mbr., Exec., Vaad Leumi; mbr., World Zionist General Council; co-founder, Hapoel Hamizrahi; mbr., Exec., Hapoel Hamizrahi; p. head, Press & Information Office, Vaad

Leumi; Mayor of Jerusalem, 50-52; author of "Tehumim", "Vision and Fulfilment", "Beit Ushbitza", "Tahaliche Hageulah ve-Hatemurah", "Shaa ve-Netzah", "Peame Hageulah"; articles on current affairs.

8 Keren Kayemeth St., Jerusalem; P.O.B. 7109; tel. 39763.

SHREM, Rosy (Shoshana); Marketing Manager; Mng., D.S. Export Co. Ltd.; b. 1942, Cairo; to Israel, 1949; m. Shlomo Shrem; 3 ch.

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SHREM, Shlomo; economist; found. & owner, D.S. Export Co. Ltd., 66-; b. June 2, 1933, Jerusalem; ed.: Tchrs Smnry 'Mizrahi" Jer., grad. 53; Sch. of Law & Econ. (econ. & statistics) H.U., Tel-Aviv branch, grad. 60; m. Rosy Weizmann; 3 ch.; instr., "Noam" Mizrahi Youth, Jer., 51-53; serv. I.D.F., 53-56; p. teach., elem. sch.; w. Bank Leumi Le'Israel, 57-60; mbr Control. Comm., Students Assn., Sch. of Law & Econ., T.A., 58; econ., Customs Dir., Jer., 60-64; Dir. dpt., Isr. Intl. Transp. Ltd., 65.

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SHTRIKMAN, Shmuel; B.Sc.; D.Sc. (tech.); Prof., Dpt. of Electronics, Weizmann Institute, Rehovot; b. Poland, Oct. 21, 1930; m.: Rachel Chodorovsky; d. Hadas; s. Ilan, Yoram; ed.: Technion; to Israel, 1934; research assist. & associate at Weizmann Inst., 54-60; Visit. Fllw., Imperial College of Science, London (1960) & Senior Staff Physicist, Franklin Institute, Philadelphia; Senior Scientist, Electrn., W.I.O.S., 62-64; Assoc. Prof., 65-67; Visit. Prof. Physics, Pennsylv. U., 64-65; publications on electronics & optics magnetism (English); recip. Weizmann Prize f. Science, Tel Aviv Municip., 1968. Fellow, IEEE.

1 Hasharon St., Rehovot.

SHUBOW, Leo; Rabbi, Temple B'nai B'rith, Somerville, Mass., 46-; mbr: Natl Exec. C'tee, ZOA; Somerville Community Cl.; Gvrnr Cl., New England, AJC; b. 22.7. 1903, Lithuania; ed.: Harvard Coll., B.A., 24; NY U., B.S., 27; Columbia U.,; Jew. I. of Rel. NYC, B.H.L., Rabbi, 32; m.: Pauline Kniznik; ch.: Dorothy, Morris, Charles; mbr: ZOA; AJC; Central Confer., Am. Rabbis; Mass., NY Brds of Rabbis; Am. Jew. Hist. Scty; Advis. C'tee, Boston Latin Sch. Alumni Assn; Chaplain, Norfolk (Mass.) Prison; Mass. Youth Service Brd; p. Pres.: Yunkers (NY) Zion. Distr.; Middleser (Mass.) Zion. Distr.; Constitution Lodge, B.B., Cambridge & Somerville, Mass.; Somerville Ministers Alliance; p. vice-pres.: New England Zion. Reg., Exec. Brd; Chaplain, Henry Price Masonic Lodge, Boston; Rotchester (NY) Fire Dpt; p, Rabbi: Temple Israel, Amsterdam NY; Temple Emanuel, Newton Mass.; Genesis Heb. Center, Tuckanoe, NY; publ. "Israel Lives Again"; "Iceberg Dead Ahead!"; articles & stories; recip.: S. Schechter Award; Boston J. Advocate Carnation Award.

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SHULMAN, Albert M.; Rabbi; M.H.L.; D.D. (hon.); spiritual leader, Temple Beth El, South Bend, 34-; b. 1902, Berditchev, Russia; ed.: South. Calif. U., B.A. & M.A.; HUC, Rabbi; m.: Rose Rosenberg; ch.: Dr. Jeremy, Mrs Allan (Naomi) Eckhaus; active in Bonds f. Israel, UJA; p. Pres.: Z.O., South Bend, Ind.; B.B., S. Bend; Ohio-Indiana-Mich. Rel. Sch. Teachers Assn; Intl Relat. Cl.; St. Joseph Co., Un. Fund; Ministerial Assn; Chmn, C'tee on Family, Marriage & Home, Central Confer., Am. Rabbis; Mbr, Brd of Gvnrs, HUC; Gvnrs Advis. C'tee, Mental Health, Indiana; publ., "Gateway to Judaism"; to appear: "Pathway through Judaism"; "Four Chaplains Award"; aw., Natl Cl. of Christian-Jews.

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SHULOV, Aharon; Prof. of Zoology; Head, Dpt. of Entomology & Venomous Animals, H.U. Jer.; 51-; Dir., Jerusalem Biblical Zoo. Garden; b. Elisavetgrad, Russia, 5.11.1907; to Israel, 1926; ed.: Jerusalem, Padova & Napoli U-ies; D.Sc.; m. Jocheved Pressman, 1930; s. Michael; d. Shlomith; mbr: Isr. Zool. Scty; Isr. Entomological Scty; Zool. Scty of London; Intal Acad. of Zool. (Agra, India); Ecological Scty of Am.; Am. Inst. of Park Executives; Intl Scty of Toxinology; Am. Assn f. Advancement of Sci.; Am. Med. Assn; publ.: 130 sci. papers on zool., entomol. & toxinol. topics; numerous articles in several encyclopaedias & journals; recip. of awards: by Hadassah; by Min. of Health (f. preparation of antiserum); 3 Certificates of Appreciation by USA Govt.)f. research on stored pests products & accoustics of locust.

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SHUNAMI, Shlomo; librarian (ret., 61-); teacher, Jewish Bibliography. Grad. Lib School, H.U.; chmn, Ruth Kahan-Eber Fund f. librarianship sci.; mbr. Lib. Terms Comm., Heb. Language Acad.; b. Hungary, 1897; to Israel, 1921; ed.: Paris Lib. School; m. Alma Lewy, 1930; s. Gideon; d. Nurith; co-founder, 1st Heb. School in C.S.R., 1920; lib., Jew. Natl & U. Lib., Jer., 21-61; guest lib., Heb. Un. Coll., Cincinnatti, 29-30; salv., books looted by the Nazis, 49-62; co-founder, Isr. Lib. Assn, 52; guest lib., Harvard U. Lib., Cambridge Mass., 60-61; Chief Bibliographer, Encycl. Judaica, 68-69; acting lib., Gottesman Lib., Yeshiva U., N.Y., 70-71; editor, Yad la-Kore, lib. magazine, 46-62; author of: Bibliography of Jewish Bibliographies, 2nd ed. 65; About Libraries and Librarianship (Heb.), 69.

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SHUR, Chaim; journalist; Dep. Chief-Editor, "Al Hamishmar", 70-; b. Grodno, Poland; 1926; to Israel, 1935; ed.: High Sch.; Tel-Aviv U.; m. Shulamit Gottlavsky; 3 s. (1 son, fallen in battle against Arab terrorists, 73); p. secr., Kibbutz Shoval; "Hashomer Hatzair" youth movement; Young Guard, Hakibbutz Haaratzi; mbr: Mapam Secretariat & Pol. C'tee; Exec.

C'tee, Hakibbutz Haartzi; articles in "Al Hamishmar" & periodicals.
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SHWINGER, Pinhas; econ.; Assist. Dean, Grad. Sch. of Bus. Adm., Tel-Aviv U.; Div. Head, Am. Israel Paper Co.; Gen. Mng., Clal Mngt & Trust Co.; b. Poland, 19.9.1934; to Isr., 1943; ed.: Georgia Techn. USA - B.S., M.S. (Ind. Mng.); U. of Pittsburgh, Ph.D. (Econ.); m. Aviva Volchoviansky; ch.: Yaron, Enbar, Vered; p. Invest. Anal. & Production Mngment, Ford Motor Co., Detroit USA; mbr: Am. Econ. Assn, Am. Mngmnt Assn, Isr. Mngmnt Center; mbr of the Knesseth Sctn & C.C., Harshima Hamamlachtit Pty; publ.: "The Economies of Information", 68; "Planning Methods in Isr. Industry", 69; "Advanced Management Programs in Israel and Abroad", 69; "The Function of Planning and Forecasting in Modern Management", 69; "The Use of Computers for Production Management in Israel", 70; "Fertility & The Business Cycle", 71; "The Uses of P.E. R.T. in a Developing Economy", 72.
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SIDEMAN, Samuel; Prof., Chem. Eng.; Students' Dean, Technion Haifa, 68-70; B.Sc., M.Ch.E., D.Sc.; b. in Haifa; m. Naomi; ch.: Gil, Anat, Adi; studied Technion Haifa, -53; Polytech. I. Brooklyn, -55; work in develop. engineering, Los Angeles, 55-57; Visit. Prof. Oklahoma State U., 64-65; Visit. Prof., U. of Houston, 70-71; Natl Sci. Foundn. Fellowship; particip., large number of intl sci. meetings; co-founder, pres., Isr. Inst. of Chem. Engs; mbr, Am. I. of Chem. Engs.; Socty. of the Sigma-Xi; chmn., Assn. of Profs. & Lecturers; Arnon Award, by Isr. Assn. of Engs. & Architects, 1968; Citation, Am. I. of Chem. Eng., 65; over 50 publ. in intl. & natl. journals & some 30 techn. reports to Isr. Natl. Council f. Research & Devel., edit. & contrib. to various technical books.
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SIEFF, Edward Joseph; President, Keren Hayessod-Joint Pal. Appeal f. Great Britain & Ireland; Chairman, Marks & Spencer Ltd.; b. in Salford, England, 28.11.1905; att. Manchester U.; m. Lois Ross; ch.: Jane Cahen, Sally Rafles, Jennifer, Adam.
48, Queens Grove, London, N.W.8, U.K.

SIEGLER, Moshe; journalist, writer, lecturer; Off., Min. of Finance; b. Poland, 1914; to Israel, 1948; educ.: HS of commerce, econ. & accountancy, Poland; m. Judith Goltz; from early age, contrib. to several journals in Poland (in Yiddish, Polish); mbr, Merkaz "Gordonia" in Cracow & "Hechalutz"; active in refugees camps in C.S.R., Austria, Germany, Italy; co-founder of GAHAL (Giyus Hutz-Laaretz), 47; organized illegal immigration to Israel; part. in Isr. War of Indep. (dist. w. Ot "Ale"); active in Histadruth, Mapai & **Mifleget Haavoda;** permanent contrib. to Isr. & frgn press. (mainly on Israel-Arab relations, Middle Eastern & economic topics); editor of some Yiddish books; now writes in Yiddish & Hebrew; lctr on various subjects; various public activities.
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SIGAD, Eliahu; painter; b. Lithuania, 1901; to Israel, 1925; ed.: U. of Riga, Arch. Fcty (3 years); Art Academies, Paris, 29-32; 1 s.; art teacher, 34-61; mbr, Exec. C'tee of Artists Assn. 33-58 (Chmn, do., 50-58, with short intervals); mbr: Isr. Paint. & Sculpt. Assn, Intl Assn of Plastic Arts; one-man shows in Israel; group shows in most cities of Europe, N. & S. America, S.A.; part. in 3th Biennale (7 artists), Sao-Paolo, 57, and in most collective & gen. exhibitions in Israel; works acquired by museums & private collections, in Israel & abroad; recip.: Dizengof Prize, 1946; 1st Prize, Tiberias Landscape Exhib., 56; Gen. Art Exhibition, 58.
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SIGMON, Jackson M.; attorney; mbr: brd gvnrs, Penn. Bar Assn; discip. brd, Supr. Court; Spec. Dep. Attorn. Gen., Penn.; State c'teeman, Republican Pty, 56-72; partner, law firm Sigmon, Littner & Ross; b. 15.4.1918, Bethlehem, Pennsylvania; ed.: Pittsburgh U., B.A., 38; Intl Law & diplom.,

Tufts. — M.A., 39; Duke U. — LL.B., 42; attend. Balliol Coll. Oxford U., 45; m.: Ruth Friedman; 6 ch.: Mark, Hilary, Jill, Jan, William, Erica; mbr: Penn. Scty, Am. Judicature Scty, Defense Res. Inst., Moselem Springs Golf Club, granted awards Community Leader of Am., 69, 71, 72.

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SILBERFARB, Shalom; Judge, Munic. Court; Secr. Gen., United Yotzei Rumania Organisation in Israel; member., exec. committee, of Hapoel Hamizrachi & Hamizrachi; b. in Sulita, Botoshani, Rum., 1915; att. religious colleges; to Israel, 1944; married, Deborah Melamed (M.A.); ch.: Benzion, Zalman Iosef, Edna, Yinon-Efraim; p. Haifa Region Off., 48; p. relig. Zion. leader in Rumania, instrumental in rescue work & refugee wlf. work; mbr., Lishkat Bnei Brith; mbr council Hapoel Hamizrachi, Tel Aviv branch; head, Cooperation Center & Rumanian Jews dpt.; Exec. C'tee, Hap. Ham., Isr., mbr, Pres. League f. Isr.-Rumania Friendship; mbr, dir. of Public C'tee f. Soviet Jewry; econ. cnslt to new immigrants & tourists; perm. contrib. to "Hatzofeh", "Gevilim", etc.

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SILBERG, Moshe; Dr. jur.; Judge, Permanent Dep. Pres., Supreme Court of Israel, Jerusalem, 1950-; visit. prof., Personal Status Law, Hebrew U.; b. Skaudvile (Lithuania), Sept. 1900; m.: Pnina Bartfeld; 1 s.; 1 d.; ed.: Religious school; Marburg a/L. and Frankfurt o/M U-ies; to Israel, 1929; private legal practice in Tel-Aviv, 34-48; District Court Judge, 48; Acting Supreme Court Judge, 48; author of "Personal Status in Israel" (Bialik Prize, 1958); "Principia Talmudica"; articles on legal, philosophical and general topics; Israel Prize, 1964; resigned, 1970; visit. lecturer, Jewish Law, U.S.A., 70-.

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SILBERMAN, Curt C.; attorney; pres., Am. Fed. of Jews from Cent. Europe, 62-; trustee, Leo Baeck Inst. NY, 62-; brd dirs, J. Restitution Successor Org., 62-; hon. trustee, J. Counsel. & Serv. Agncy of Essex Co., Newark NJ; b. 23.5.1908, Wuerzburg, Germany; in USA, 38-; ed.: U. of Wuerzburg, D.Jur. (cum laude), 31; Rutgers U., Newark, LL.B., 47; m.: Else Kleeman; private practice, 48-; pres.: J. Philanthropic Fund of 1933 Inc. NY; NY Fndn of Nursing Homes Inc.; mbr presid., Cl. of J. from Germ., 62-; chmn. Comm. on Comparative Jurisprudence, NY State Bar Assn; p. pres., J. Family Serv. Assn; p. vice-pres., NY State AJC; chmn, frat. & Syn. div. UJA, Essex Co.; pres., J. Unity Club, Newark; lctr, articles on: intl, priv. law; ref. problem; contemporary J. scene; problem of pol. ed.

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SILBERSCHLAG, Eisig; Prof. of H.L., Heb. Coll., Brookline; Visit. Prof., Judaic Studies, Emmanuel Coll., Boston; b. 8.1. 1903, Stryj, Austria; ed.: Vienna U., Ph.D., 26; mbr: Natl Cl. f Jew. Educ.; Am. Acad. f. Jew. Res.; Natl Assn, Heb. Profs; Am. Assn, Heb. Profs; Natl Book Cl.; p. Pres.: Heb. Coll., Brookline, Mass.; Assn of Pres. & Deans, Heb. Colls in Am.; Hon. Pres., New England Assn f. Heb. Culture; publ.: 4 poetry books & essays book, Heb.; Heb. Lit.: An Evaluation; Saul Tschernichovsky — Poet of Revolt; From Renaissance To Renaissance: H.L. 1492-1967; recip.: ZOA Price f. "Tehiya U'techiya Beshira" (essays book); Tschernichovsky Price, T.A. Municip., f. transl. of Aristophanes from Greek into Heb.; Kovner Memorial Aw. f. poetry books.

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SILKE, Jonathan Morris; Mbr, Zion. Gen. Cl., W.Z.O., 69- (deleg., Z.A.C., 69, 70); Mbr, Natl Exec., S.A. Fed. of Student Jew Assns, 68- (Natl Dir. of Publications, 68; Vice-Chmn, 69-70; Natl Dir. of Isr. Affairs, 70-71); b. Cape Town, 9.8.1948; ed.: Herzlia Sch., C.T.; Hasmonean Grammar Sch. f. Boys, London; U. of Cape-Town, B.A. (Law); mbr, Exec. Cl., Students Jew. Assn, U. of C.T., 67-68; Chmn, do., 68-69; mbr, Cape Zion. Youth Exec., 67-69; Vice-Chmn, Wld Un. of Jew. Students, 68-69; Vice-Pres., Law Cl., U.C.T.; editor: "Hakinor" & "Ryanot", C.T.

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SILVER, Brian Lionel; Assoc. Prof., Chem. Dpt., Technion Haifa; b. 1930, London; to Israel, 1958; ed.: U. of London - B.Sc. (Special) 1st Class Hons, 54; Ph.D., 63; Pasteur Inst., Paris, 57-58; Weizmann Inst., Rehovoth, 58-66; Cambridge U., 63-64; m.: Esther Eshed; 2 ch.; Dean of Students, Technion, 70-72; Chmn, C'tee f. Advancement of Ed. amongst the Druze Community; publ. numerous papers in learned journals.

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SILVER, Charles H.; Consultant to the Mayor, City of NY; civic leader, philantropist; mbr. natl. brd. of Gvrns., Bonds f. Israel; mbr. natl. exec. brd., Am. Jewish C'tee; f. more than 40 years, member board of trustees Beth Israel Hospital & 24 years its President; app., 52, member board of Education of the City N.Y.; V.P., Alfred E. Smith Mem. Fund. (created by Cardinal Spellman); Trustee, Yeshiva U.; brd. of Overseers, Jw. Theolog. Smny.; mbr. brd. Urban League; dir. & V.P., Feder. Jw. Philantropies & Pres. Amun-Isr. Housing Corp.; p. V.P., Am. Woolen Co. (& dir., 53 yrs.); mbr.

Business Adv. C'tee, Fordham U.; Pres., Congregation Bnai Yeshurun (57-); Pres., Brd. of Education (55-61); exec. asst. to Mayor of NY f. Educ. & Industr. development; Pres. Intl. Synagogue at Intl. NY Airport; U.S. Adv. on Human Rights U.N. Geneva (67); app. by Gov. Rockefeller to the C. on Rehabilitation; Pres., Grand Street Boys' Found.; Vice-Pres., Grand Street Boys' Assn; member, brd of directors, UN Assn of N.Y.; Awards: Dr. of Laws (Hon.) Fordham U.; Awd. of Honor, from Justice Lodge 753, Dr. of Science (Hon.) St. John's U., Star of Italian Solidarity (61); Medal. of the City of NY, 64; Dr. of Pedagogy (Hon.) from Manhattan Coll.; received Papal Knighhood of St. Sylvester, 66; Annual Brotherhood Aw. of Jw. War Veterans US; NY Med. Assn. Citizen's Aw., 68; "Victory Medal" by Abba Eban for "services personally rendered to the cause of Israel"; aw. by the Synag. Council of Am., Conservative Statesman of the Year, 71; m. Hannah Burnstine (dec.); ch.: Robert L., Natalie Moscow, Evelyn Bernstein.

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SILVER, Clinton Vita; exec. Marks & Spencer Ltd.; mbr, JPA campaign exec. c'tee; co-chmn: JPA young leadership, Chelsea, Kensington & Westminster JPA c'tee; trustee, Friends Rebecca Sieff Med. Centre, Zefat; b. 26.9.1929, London; ed.: Southampton U., B.Sc. (Econ.), 47-50; chmn. U. Southampton Scty, 70- (mbr court of the same university).

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SILVER, Daniel Jeremy; Ph.D.; M.H.L.; Rabbi, The Temple, Cleveland; Adj. Prof. (Rel.), Case Western Reserve U.; Chmn, Isr. Task Force, Cleveland Jew. Fed.; Pres. Natl Fndn of Jew. Culture; mbr: Brd of Trustees,Syn. Cl. of Am.; Cleveland Jew. Wlf. Fed.; Inst. f. Jew. Life; Am.-Israel Public Affs C'tee; Am. Friends of H.U.; b. 26.3.1928, Cleveland, Ohio; ed.: Harvard U., B.A., 48; HUC, M.H.L., Rabbi, 52; Chicago U., Ph.D., 62; m.: Adele Frances Zeidman; ch.: Jonathan Moses, Michael Louis, Sarah Jean; p. Snr Edit., Central Confer., Am. Rabbis Journal; p. Pres., Cleveland Zion. Fed.; p. Chmn, Public Wlf. C'tee, Clev. Jew. Fed.; Mayor's Comm., Causes in Wlf.; edit.: Judaism & Ethics; In The Time of Harvest; Essays in Honor of Abba Hillel Silver; contrib. to Jew. Quarterly Review; Judaism; Encycl. Judaica; The Reconstruction; author: Maimonidean Criticism & the Maimonidean Controversy 1180-1240.

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SILVER, Edward Sholom; Lawyer, Chairman N.Y.C. Bonds f. Israel Org.; b. in NYC.; educ.: City Coll. NY (B.S.S.); 1920-Harvard Law School; m.: Regina Bublick, 18.11.1924; ch.: David, Sara (Bunim), Jonathan; mbr. brd. of dirs. in: Am. Financial & Development Corp. f. Isr.; Am. Jew. League f. Israel; Am. Red Mogen David Inc.; Bar Ilan U.; Federated Council of Pal. Insts.; UJA, Gr. NY; Material f. Israel; mbr. sponsoring c'tee, Brklyn Chpt., Am. Friends of Hebrew U.; "Edward S. Silver Chair of Criminal Law and Procedure", in Jerus. (4, 1967); p. chmn., Brooklyn Bonds f. Israel (52-64); hon. dgr. Dr. of Laws, Yeshiva U., 1966; public offices: Judge of the Surrogate's Court, Kings County (69-70); Commissioner N.Y. State Comm. of Investig. (70-); District Attorney, Kings County (54-64); Chief Assistant District Attorney, Kings County (46-53); Assistant US Attorney (S. Dist. NY) (25-29); Chief, Bureau of Indictments (27-29); Spec. Assist. US Att. (29-31); Commissioner, Alien Enemy Hearing Brd., Eastern Distr. NY (42-45); Awards & Honors: 1958, "Award of Merit" (Distr. Atts. Assn. of State of NY); 1959, Scroll f. Practising Law I.; 1961, "Award of Honor"; 1962, "Furtherance of Justice Award"; 1965, "Man of the Year Awrd."; 1965, Citation, by Mayor Wagner, Am. Bill of Rights Day Assn.; membership & offices in most important organizations & groups dealing with problems of law enforcement & crime prevention, also many publications in related fields.

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SILVER, Nathan; Chmn., U.J.A. & Israel Emergency Fund, 1969; Natl. Pres., Zionist Revisionist Org., Canada; Vice-Pres., Zionist Org. of Canada; mbr., Actions C'tee, W.Z.O.; Developer, Builder; 1967, JNF Negev Dinner Honouree of Toronto; b. Warsaw, Poland, March 15, 1915; ed.: Hebrew High School, Warsaw; m.: Lily Anne Cooper, 14.6.1942; ch.: Shoel, Debra, Joseph, Bonnie; delegate to Zionist Congresses; chmn. brd., Associated Hebrew Schools, Toronto; mbr., Beth Tzedec Synagogue, Toronto; mbr. brd., U.I.A. Inc.; to Canada, 1934.

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SILVER, Samuel M.; Rabbi, Temple Sinai, Stamford, Conn.; Exec. Brd, New York Brd of Rabbis; b. Wilmington, Delaware; ed.: Delaware U.; HUC — DHL; m.: Elaine Shapiro; 5 s.; p. pres., Stamford-Darien Clergy Assn; p. chaplain, Jew. War Vet. of USA; publ. a book, Explaining Judaism to Jews & Christians; conducts a program in Stamford "Ask the Clergy".

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Zion; Rel. Zion. of Am.; Am. Friends, Isr. Exploration Scty; Am. Schs, Oriental Res.; Am. Assn, Univ. Profs; Am. Assn f. Higher Educ.; Natl Educ. Assn; Am. & Middle States Assns, Collegiate Registrars.

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SILVERSTONE, Alec Eli; Rabbi (retired) of Southport, England; pres.: Friends of H.U. Jer.; Friends of Jews Coll., London ;Zion. Scty; Mizrachi Scty; b. 9.3.1897, Manchester; ed.: Yeshivah & Central HS, Manchester; Manchester U. — M.A., Ph.D.; m.: Jessie Weitzman; 3 d.; p. Rabbi of Sunderland, Eng. (3 years); Southport (40 years); pres.. Inter-Univ. Jew. Fed. Great Britain & Ireland; publ.: Aquila & Onkelos, The Great Beyond, What I Believe, Marganita Tava (halachic responsa in Heb.); lit. contrib. to various Journals & newspapers.

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SILVERSTONE, Meir; LL.B.; Advocate; Solicitor (England); b. London, 27.3. 1916; m. Rachel Liebling; 1 s.; 1 d.; ed.: London U.; to Israel, 1948; Ministry of Social Welfare, 48-49; Assist. Legal Adviser, Tel-Aviv Municipality ,49-52; Legal Adviser, Ministry of Interior, 52-60; Dir. Gen., Min. of Interior, 60-70; chmn, Natl Planning & Build. Council, 66-71; p. chmn, Hitachdut Olei Britannia, now, mbr. Advisory Council.

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SIMA, Miron; painter; flw., Intl. I. of Arts & Letters; b. in Russia, 1902; studies, Art Acad., Odessa, Dresden; to Israel, first 1925, then 1933; founder, Jerusalem I. of Painting & Sculpture, 1938; published, "Reminiscences of Pogroms", 7 woodcuts, Dresden, 1924; "Journey in the Orient", 10 lithographs, Dresden, 1926; "Hannah Rovina; on Stage and in Life", 10 lithographs, Tel Aviv, 1937; "Jerusalem", 7 woodcuts, Jerusalem, 1952; "Facing the sad Symbol", drawings from the Eichmann trial, Jerusalem, 69; many one-man shows; group shows: 1928, 100 years of painting in Saxonia, Dresden; 1928, German Graphic, Prag; 1929, Saechsischer Kunstverein, Dresden, 1930, Saechsischer Kunstverein, Dresden; 57, Wld Lab. Org., Genéve; 58, Black & White, Lugano; 1958, Biennale Venice; 1959, Gravure, Ljubliana; 1960, Biennal Exhibition of Prints, Tokio; 1961, Israel Art, Musee d'Art Moderne, Paris; 1961, Gravure, Ljubliana; 1962, International Prints, Cincinnati; 1962, Grafic Art, Belgrad; 1962, Grafic Art, Tokio; 1962, Grafic Art, Warsaw; 1969, Mostra Internationale della Grafica, Firenze; 1969, Triennale of colour woodcuts, Carpi, Italy; Biennale Intl della Grafica, Firenze, 70; exhibitions of Israel Art all over the world; awarded, 1932, Prize of the City of Dresden; 1936, Dizengoff Prize, Tel Aviv; 1938, Dizengoff Prize, Tel Aviv; 1957, Prize of the City of Jerusalem; 1969, Medal of the City of Jerusalem; Gold Medal, Biennale Firenze, 70; The Zagagi Aw., T.A., 71; elected hon. mbr. of Accademia Florentina delle Arti del Disegno.

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SIMAN-TOV, Sason; mbr: C.C., Labour Pty; Brd of Dirs., "Gahelet"; mbr, Moetzet Hahistadrut; Assist. Head, Z.A.C.; Chmn, Afghanistan Immigrants Assn & Vice-Chmn, Iran Immigrants Assn; deleg. to Zion. Congr.; Employee of the Isr. Labour Pty, candidate on Pty List to Knesseth, 49-; b. Herat, Afghanistan, Jan. 1929; to Israel, 1936; grad. HS; student 1st year of U., Gen. History; m. Yohevet Shabtay, 1959; 3 d.; 1 s.; visited Iran, 1950 in connection with a historical research on the "Lost Ten Tribes".

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SIMKE, Ernest E.; chairman, co-chairman, Keren Hayessod, UJA; hon. Consul General of Israel, 50-; bus. exec. (ret.); born in Berlin, Germany, June 10, 1908; educ.: High School; Realgymnasium Grunewald; m.: Rita Broniatowski (dec.); ch.: Susan Simke Bilar, Tel Aviv; Jack. G. Simke, Manila; p. pres. Jew. Community, Philippines; now, treasurer; left Germany, 1928, for China; to the Philippines, 1932.

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STEIMATZKY, Jeheskiel; publisher; distributor; b. Kovno (Lithuania), Jan. 16, 1900; m.: Berta Fish; 1 s.; 3 d.; educ.: Commercial Institute, Moscow; U. of Berlin; mbr., Central Committee, Hehalutz, in USSR, 19-21; delegate, 13th Zionist Congress; mbr., Central Comm., Revisionist Pty., 28-33; published Palestine Guide, Hebrew globes, Hebrew Historical Atlas, Hebrew Golden Books, etc.

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STEIN, Gabriel; M.Sc., Ph.D. Grad. I.R.E.; chemist; Prof. of Physical Chemistry, Hebrew U.; b. 24.5.1920, Budapest; educ.: Hebrew U.; King's College; U. of Durham; m.: Pauline D. Epstein; 1 d.; 1 s.; to Israel, 1938; Chmn., Org. of Professional Societies, 61-; Pres., Israel Chemical Society, 59-60; Pres., Israel Assoc. for the Advancement of Science, 67-69; Edit. in Chief, Isr. Journ. of Chem., 67-72; Sci. Adviser, Min. of Development, 68-70; Weizmann Prize, 60; Nordau Prize, 66.

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STEIN, Hanna; Exec. Dir., Natl Cl. of Jewish Women (NCJW), 59-; Chmn UJA Soc. Serv. Div., 73; p. mbr.: Secr., World Confederation of Gen. Zion.; Exec. Cl., Zion. Fed. of Gt. Britain; p. Assist. Dir., (mbr Natl Exec. Cl.) ZOA & Natl Dir., Am. Zion. Fund; b. Berlin; ed.: Ravensfield Coll. & Pittman Bus. & Adm. Training Coll., London; Ecole Benedict, Neuchatel, Switzerland; Andrew Coll. in Gt. Brit. — B.A. (journalism, soc. & pol. sci.); Dr. of Humanities, Philathea Coll.; co-founder, Cherev Le'et, village in Israel; established, Council Center f. Res. in Educ. f. the Disadvantaged, H.U. Jer.; after world war, covered intl & european confs as corresp.; repres. of NCJW, White House Confer. on Children & Youth, 59; White House Confer. on Aging, 61; Presidents Confer. of Major Am. Jew. Orgs.; Natl Cl. on Soc. Wlfr; Natl Confer. of Jew. Communal Serv., etc.; mbr, brd of dirs: Am. Immigration Citizenship Confer.; Women in Community Serv., Inc.; Natl Fndn f. Jew. Culture; Cl. Soc. Planning & Program Dev. of the Natl Assbly f. Soc. Pol. & Dev.; Presidents C'tee on Employment of the Handicapped; Exec. C'tee, Natl Community Relations Advis. Cl.; Off., Soc. Serv. Div., UJA N.Y.; edit. adv. brd, Jewish Digest; life mbr: NCJW, ZOA; mbr: Publ. Scty of Am.; Am. Jew. P.R. Scty; Intl Platform Assn; B'nai Jeshurun Temple; Lincoln Square Synagogue & Lincoln Square Neighborhood Center; Jew. Reconstruction Fndn, Hadassa USA, Natl Conf. of Soc. Wlfr., etc.

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STEIN, Israel C.; Rabbi, Jew. Center Bayside Hills; trust., Heller Heb. Acad.; b. 3.10.1937, Hartford, Conn.; ed.: Trinity Coll., B.A., 59; J.T.S. of Am.: Sch. of Judaica, M.H.L., 62; ordained Rabbi, 64; m.: Roslyn Berkowitz; ch.: Jeremy Dov, Jay Michael, Eli Judah, Sem David; p. vice-pres., Rochester Brd of Rabbis; p. Hillel Advis. Cl., U. of Rochester; p. dir., Hillel Acad., Rochester NY; active in: Rabbin. Assembly; admiss. c'tee, Rabin. Sch. of J.T.S.; Syn. Cl. of Am.; New York Brd of Rabbis; articles in "The Jew. Spectator"; recip.: Phi Beta Kappa — Trin. Coll., 59; Homiletics award, J.I.S., 64; citation f. the Natl Jew. Wlfr Brd f. disting. service as USA Army chaplain, 64-66.

48-40 Oceania St., Bayside, N.Y. 11364, USA.

STEIN, Yechezkiel; physician; M.D.; Prof. of Med.; Head, Dpt. Medicine "B", 69- & Lipid Research Lab. Hadassah U. Hospital, Jerusalem, 65-; b. Crakov, Poland, 1926; ed.: Hadassah Med. School, Hebrew U.; m. Assoc. Prof. Olga Stein; to Israel, 1941; Snr Physician, Dpt. of Med., Hadassah U. Hospital, 61-63; Assoc. Prof., 63-; Head, Dpt. of Med. "B", Hadassah U. Hospital, 69-; mbr. Edit. Brd., Israel Journal of Medical Sciences; mbr, Edit. Brd, Biochimica et Biophysica Acta (Amsterdam); Edit. Brd., Artherosclerosis; over 100 sci. publ.

Hadassah University Hospital, Jerusalem.

STEINBERG, Paul M.; Rabbi, M.H.L., M.S., Ed. D.; Dean, Prof. of Human Relations & Educ., New York School; Exec. Dean, Jer. School. H.U. Coll.; b. N.Y., 29.1.1926; ed.: City Coll., N.Y.; Heb. Un. Coll., Jew. Inst. of Religion; Columbia U.; m. Trudy Strudler, 1947; ch.: Alana Beth, Alan Lloyd; Certified Psychologist, State of N.Y.; Fllw, Am. Assn f. the Advancement of Sci.; affiliated to: Central Confer. of Am.. Rabbies, Am. Psychol. Assn, Am. Personnel & Guidance Assn, Am. Assn of U. Professors; Phi Delta Kappa & Kappa Delta Pi.

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STEINBERG, Uziel; C.P.A. (Israel); economist; Ing. Com.; b. Czechoslovakia, Aug. 15, 1924; m.: Irene Klein; 2 s.; 1 d.; educ.: Commercial and Economic High School, Prague; to Israel, 1949; Govt. officer, 50-67; Dep. Commissioner of Income Tax, 60-62; Commissioner of Income Tax, 62-65; Controler, Foreign Exchange, Dir., Investment Authority, 66-67; partner in U. Steinberg & Co. C.P.A. (Isr.) T.A., 67-.

22, Yair St., Ramat Chen, Ramat Gan.

STEINBERGER, Itzhak T.; physicist; M.Sc.; Ph.D.; Assoc. Prof., Physics, Hebrew U., 68-; b. in Miskolc, Hungary, 13.3.1928; educ.: elem. & high school in Hungary; acad. degrees, Hebrew U., Jerusalem; m.: Dr. Hava Gyorgy; 2 ch.; to Israel, 1946; 51, junior assist., Hebrew U., 52, M.Sc.; 57, Ph.D.; post-dr. Sir Simon Marks Flwship., Hull U., England, 57-58; lctr., H.U. 58; snr. lctr., 61; visit. fcty. mbr., U. of So. Calif., Los Angeles, 66-68; research in several branches of solid state physics; papers, articles in his field.

3b, Neve Granot, Jerusalem; Tel. 61670.

STEINMAN, Gary D.; Mng. Dir., Ames-Yissum Ltd., Jer. 68-73; b. Detroit Mich., USA, 6.1.1941; to Israel, 1968; ed.: Mich. State U. — B.S. (Chem.), 63; M.S. (Biochem.), 63; U. of Calif., Ph.D. (Biophysics), 66; m. Judith Messer, 1963; 1 d.; scholarships: Elks Natl Fndn, 59-60; Distinguished Alumni, 59-63; fllwships: Wheeler Fndn, 63-64; Natl Sci. Fndn, 64-66; Res. Assist.: Dpt. of Food Sci., Mich. State U., 59-63; Biochem. Dpt., Tel Hashomer Hosp., 61; Exobiology Div., NASA-Ames Res. Center, 63; Lawrence Radiation Lab., 64-65; Assist. Prof., Dpt. of Biochem., Penn. State U., 66-68; awards: Westinghouse Sci., Merit Scholarship, Natl Sci. Fair; honors: Valedictorian, Natl Honor Ccty, University Scholar, Sigma Xi, Phi Kappa Phi, Phi Eta Sigma, Honors Coll., Summa Cum Laude (M.S.U.), NASA Sci.-Astronaut Candidate; publ. on: biochem. pharm., peptide synthesis, radiotracer techn., organic biochem., primitive metabolism; book: "Biochemical Predestination" (w. Kenyon D.H.), 69; patent: Polypeptide Synthesis (w. Calvin M. & Kenyon D.H.).

Ames-Yissum Ltd., Jerusalem.

STEINMAN, Joseph; City Treasurer, Tel-Aviv—Jaffo Municip., 71-; b. Israel, 16.2.1938; ed.: Heb. U., Jer., M.A. (Bus. Adm.); m. Ilana Galili, 1965; s.: Amir, Ran; p. Econ. Cnslt, Business Mng., Head of the Budgeting Dpt., Municipality of Tel-Aviv—Jaffo; mbr, Mun. Finance Officers Assn, USA & Canada; Brd of Dirs: Mifal Hapayis, Tel-Aviv Bank f. Mortgage & Devel., etc.; Eisenhower Exchange Fllship, USA, 72.

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STEINMANN, Karl; chairman, Keren Hayessod-UIA; director of Coys; b. in Oslo, Norway, 29.12.1914; Commercial student; m.: Paula Seiden, 28.2.1919; ch.: Monica, Jan, Harry.

18, Radmansgatan, Stockholm, Sweden.

STEINWEG, Walter; Gen. Mng., Misrah Ins. Serv., Treu & Steinweg Co. Ltd.; b. in Rheda, Westfalia, Germany, 8.11.1904; educ.: U. of Kceln, Germany; m.: Margot Regensburger; active in banking, industry & comm. in Germany, co-founder of such enterprises here, also activ. within the Assn. of Lloyd's coverholders in Israel.

11, Rupin St., Tel Aviv; Tel. 226298.

STEN, Ephraim Frederic; Stage & Radio dir.; chief drama producer, Isr. Brdcstng. Auth.; b. in Zloczov, Poland, 20.2.28; m.: Tamar Kaplan; ch.: Hagith, Oded; 46, started technological studies; switch over to theatre, 48; first play staged, 50; 1st prize f. direction, 52; 1st prize for satir radio progr., graduation from school, 53; app. Art Director of the theatre in Gdansk; to Israel, 1957; starting work on the Cameri stage ,actor, w. Kol Israel, 59; app. chief stage dir., producer, Broadcast. Serv., 63; awards, 65, 67, 68; assignments ,T.V., 68-; publ.: satirical works short stories radio plays & sketches, etc.

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STERN, David; Eng., Building Contractor; Dir., Merkaz Avoda Ltd.; b. Poland, 29.3.1910; to Israel, 1935; ed.: Inst. of Techn., Berno, CSR; m. Sperling, 1935; 1 s.; 1 d.; Pres., Fed. of Contractors & Builders Assn in Israel; Dir. & Treas. of Lishkat Hatiyum; mbr, Tel-Aviv Municipality Council, 1969; mbr, Central C'tee (Merkaz) Tnuat Ha'Herut.

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STERN, Hans Chanan; B.Sc.; Mng. Dir., "Isafos" Engineering Co. Ltd. & Pernix Enthone (Isr.) Ltd., 1961; mbr, Metal Finishing Instit., London; b. 22.10.24, in Germany (Zwickau); educ.: Haifa Technion & London University; to Israel, 1939; married: G. Baar; ch.: Dan, Dorit; p. Hagana off., 39-48; British Army, R.E. 42-45; IDF, major, 48-49; Dir. Metal Finishing Sect., Ministry of Industry and Comm., 49-59; private consultant, 59-61; 1st Vice-Pres., "Lions Club", Ramat Gan, 1967-68; Pres., "Lions Club", Ramat Gan, 68-69.

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STERN, Harry Joshua; Dr.; Rabbi Em., Temple Emanu-El; Hon. Life Mbr, Central Confer., Am. Rabbis; Dominion Exec., Canadian J.C.; b. 24.4.1897, Lithuania; ed.: Cincinnati U., B.A., 20; HUC, B.H.L., 19, Rabbi, 22; Chicago U., post-grad., 26; mbr: Un., Am. Heb. Cngrn; Biblical Scty, Canada; B.B.; ZO; Am. Acad., Polit & Soc. Sci.; Royal Empire Scty; Jew. Chautauqua Scty, Am. (life); Brd of Dirs, Canadian Fndn f. Jew. Cuulture; overseer, HUC; found., Temple Emanu-El Inst., Judaism, 41; co-found., Brd, Jew. Ministers, Gt. Montreal; secr. & mbr, Admin. C'tee, 1st WJC, 36; Contrib. editor, Canadian Jew. Chronicle; author: "Jew & Christian"; "Judaism In The War Of Ideas" etc.; Hon. LL.D., McGill U., 38; Hon. D.D., HUC, 47; Coronation Medal, King George VI; B.B. Humanitarian Aw., 67; Hon. D. Litt., Steubenville Coll., 70; Legion of Hon., Kiwanis Intl.

3238 The Blvd, Montreal 217, Quebec, Canada.

STERN, Isaac; celebrated Am. violinist; b. Kriminiesz, Russia, July 21, 1920; to San Francisco, by parents, when less than one-year-old; studied in San Francisco, notably with Naoum Blinder; debut, San Francisco Symphony, 1935; debut New York, 1937; world tours every year, since 1947; appearances with major orchestras; extensive recordings Columbia Records; frequent appearances major festivals — Edinburgh, Casals, Berkshire, etc.; Pres., Carnegie Hall; chmn brd, Am.-Isr. Cultural Foundation; p. mbr, National Arts Council; m.: Vera Lindenblitt, Nov .1951; ch.: Shira, May 10, 1956; Michael, Dec. 17, 1959; David, May 21, 1963; one of the greatest friends of Israel, promoter of Israeli talent; highpoint: Concert, with Leonard Bernstein, in reunited city of Jerusalem, on Mount Scopus, shortly after the Six Days' War.

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STERN, Jack; banker (ret.); Chmn., State of Isr. Bonds, Paterson; mbr. natl. cabinet (55-64); b in Paterson, N.J., 15.9.1900; local elemnt. & High School; m.: Doris B. Baver, 6.2.1924; ch.: Barbara, Joan, William; p. pres., Jew. Comm. Council, Y.M. & Y.W.H.A., Barnert Mem. Hospital; p. chm.n, UJA Campgn. (51-55); p. chmn., State of Israel Bonds s. inception — Paterson Area; p. Pres. brd. of educ. (48-47); mbr., Police & Fire Comm., Paterson (42-51); pres., Am. Cancer Socty. (48-52) N.J.; v.p. Am. Red. Cross, Passil City area (53-58); Chmn., Pateron Citizens Gr. f. a Comm. State of N.J. (56-62).

44, Overlook Ave., Paterson, N.J., USA.

STERN, Kurt; Prof., Dpt. Life Sci., Bar-Ilan U.; b. 3.4.1909, Vienna; to Israel, 1969; ed.: Gymn., Brno, 18-27; U. of Vienna, Fcty of Med., 27-33, M.D.; m.: Florence S. Sherman; d.: Elsa (Braha) Libby; 2 s.: Josef Judah, David Michael; Prof. Em. of Pathol., U. of Ill. Coll. of Med., Chicago; p. Assoc. Prof., Chicago Med. Sch.; p. Dir. Blood Center & p. Assoc. Dir. of Res., Mount Sinai, Chgo; p. Pres.: Relig. Zion. of Chgo; Chgo Sctn of Am. Assn of Cancer Res.; Chgo Pathol. Scty; Dipl., Am. Brd of Pathol.; fllw: N.Y. Acad. of Sci.; Am. Scty of Clin. Pathol.; Am. Assn f. Advancement of Sci.; mbr, Edit. Brd, Am. Journal of Clin. Pathol.; co-auth., Biochemistry of Malignant Tumors; auth. of over 130 sci. papers on experim. cancer res., immunohematol., physiopathol. of reticuloendothelial system; awards: Parker, Chgo Med. Sch., 60; Disting. Serv., 69, & John Elliot Memorial, 72, by Am. Assn of Blood Banks.

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STERN, Mordechai Chaim (Martin); M.K. (Liberal Pty), 65-69; Chmn, Jew. Bible Home, Tel-Aviv; b. 16.10.1914, Vienna; m.: Inge Kronheim; s. Azgad (1 s., Yaari, fallen in Yom Kippur War, 73); ed.: Vienna University; London School Acc.; Bar-Ilan U. (M.A.); p. mbr, management of "Haavara" Ltd., 35-39; Gen.Mng., Off. Anglo-Palestine Bank Ltd., 40-42; Chief Account., War Risks Insurance Brd, Inspect., Income Tax, Govt. of Palestine, 42-45; p. Mng. Dir., Rassco (45-66); mbr., council WJC; Board of Trustees, Bar Ilan U.; mbr. brd. of dirs., Yerid Hamizrach; mbr, brd, Indep. Mortgage & & Dev. Bank; chmn., C., Intl. Scty. f. Rehabilitation of the Disabled; founder & chmn., "Forum for Jewish Thought"; mbr., brd. dirs., K'far Hamaccabia; brd. of Gvrns., Shaarei Zedek Hosp., Hechal Shlomo; Yad Maimon, Bible Res. Scty, Jerusalem; Kennedy Foundation, Rehovot; Municipal Cl., Tel-Aviv, 59-63, 65-67; elected Knesset, 65; writer on educ., econ. current affairs; political lctr; book: The Influence of the first Kingdom of Israel on the Economic Life of its People and State, 73.

38 Brandeis St., Tel-Aviv.

STERNBERG, Erich Walter; composer; b. Berlin, 31.5.1891; to Israel, 1932; m. Ella Thal; 2 s.; 3 d.; ed.: pupil of Leichtentritt, Prof. Aber Berlin; p., w. Berlin & Warsaw Philharm. Orchestras; Kopenhagen State Orch.; Sud-West, Nord-West funk; assisted Br. Huberman in found. I.P.O.; assoc. w. Orchestras: B.B.C., I.P.O., P.B.S., etc.; p. Pres., ISCM — Intl Scty f. Contemp. Music (f. 15 years); composed: "Dr. Dolittle"; "The Gallant Soldier"; "The Story of David and Goliath"; "The Story of Joseph"; "The 12 Tribes of Israel"; "Study f. Orchestra"; "My People" (Else Lasker-Schueler); "The Raven" (E.A.Poe) — Engel Prize; "Praised" (Jehuda Halevy) — Engel Prize; "The 146th Sonett" (Shakespeare); "My Brother Jonathan"; "The Resurrection of Israel", Oratorio; "Inferno" f. mixed choir & percussion instruments; "Love Songs" f. Choir & Orch.; chamber music, etc.

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STERNBERG, Rudy; President, Keren Hayessod-UIA, Luxemburg; merchant; b. in Luxemburg, 15.8.1918; m.: Colette Levy; ch.: Eliane, Claude; mbr. of the Consistoire Israelite du Grand Duche du Luxembourg; p. pres., Bnai Brith, Luxembourg.

Luxembourg.

STERNLICHT, Beno; Ph.D. Eng.; Techn. Dir. & Brd Chmn, MIT; Techn. Dir., Hydronautics Israel; Chmn, NASA C'tee on Energy Conversion & Propulsion; mbr, Natl Acad. of Sci.; b. 1928, Poland; ed.: Union Coll., BSEE, 50; Columbia U. - M.S., 51, Ph.D., 54; ch.: Mark David, Eric Alan; G.E.Co. Staff Eng., 51-54; Spec. Appl. Mech., 54-58; Cnslt Eng., 58-61; co-found., MIT, 61; Pres., 97 Fort Wash. Corp. NYC, 61-; Huben Assoc. Corp. NYC, 59-; Secr. Treas., Ameast Distbrs Corp. NYC, 49-; Starlight Holding Corp. NYC, 49-; 172 E. 4th St. Corp. NYC, 49-; Div. Small Diesels Ltd. India; New East. India Ltd.; Chmn, NASA C'tee on Power & El. Propulsion, 69-72; mbr: Brd VITA - Volunt. f. Techn. Assist. (Pres., 65-72; Chmn, 70-72); ASME; ASLE; AIAA; Navy League US; Sigma Xi; Tau Beta Pi; Hon. D.Sc., Un. Coll., 70; recip. ASME Mach. Design Award, 66; publ.: techn books on "Theory of Hydrodynamic Lubrication" & "Machinery Dynamics"; contrib. of chapter in "Machine Design & Mechanical System Handbook" & "Gas Turbine Handbook"; co-edit., 1963 Symposium on Lubrication & Wear; over 100 techn. papers & reports; 11 patents granted, 20 patents pending.

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STEUERMAN, Ben Hagai Benjamin; Chmn Brd & Pres.: Town & Country Travel Bus., Inc.; Savyon Tours, Inc.; M. Eng., B.S., B.N.S.; Ben Hagai Associates, Ltd.; b. 30.6.1921, USA; to Israel, 1971; ed.: H.U. w. post-grad. studies; U.S. Merch. Marine Acad. "Kings Point" (Marine Eng.); m.: Miriam Eisenstein; ch.: Gilia, Shelly, Amiel; taught Haganah, I.Z.L., Lehi sabotage tactics by sea; deported by British C.I.D.; served with Mahal; Advis. to Israel Navy, 48-49, First Israel Navy Academy, 49; p. Exec. Dir.: ZOA Wash., D.C.; p. Dir., Isr. Bonds Upper New England; p. advis. Young Judea, Boy Scouts of America; N.A.A.C.P.; Natl lctr. f. UJA, Isr. Bonds.

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STIER, Dov Joseph; advertis. & marketing exec.; Gen. Mng., D.I. Stier Advertising Ltd.; b. 15.5.1946, Bucharest; to Israel, 1950; ed.: Gymn. Herzliya, T.A.; H.U. Jer.; m. Israela Shifman; 1 ch., Gil; p. teacher; p. account exec.; p. Controller of mobilisation, Isr. Army; mbr, Stamp Collectors Assn in Isr.; res. in Mediaeval Jew. History; publ.: book on advanced math., in Heb.; Research on Israeli Postage Stamps; composed songs f. radio; exhibitions of paint.

29 Ben Zion Blvd., Tel-Aviv; tel. 280617.

STITSKIN, Leon D.; Prof. of Jewish Philosophy; dir. & dean, West Coast Teach. Coll.; b. 1910; Crakow, Poland; ed.: Hiram Coll., Yeshiva U. Dr. of Heb. Letters; m.: Dorothy; ch.: Rochelle, Debra, Miriam; active in: ZOA; Mizrachi; A.J.C.; B'nai B'rith; New York State brd of quality in education; Am. Acad. f. Jew. Res.; Am. Philos. Scty; Record. Secr., Rabbin. Cl. of America, 57; publ.: Judaism as a Religion; Judaism as a Philosophy; The Philosophy of Bar Hiyya; co-edit., Tradition; edit., Studies in Torah Judaism.

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STOCK, Ernest; writer, acad. teacher; dir., Jacob Hiatt Inst. of the Brandeis U. in Jerus.; Ph.D.; M.A.; Phi Beta Kappa (Princeton); Ford Foundation Res. Fellowship, in Israel; b. Frankfurt, 6.8.24; educ.: Columbia U., Doctorate in pol. sc.; B.A., Princeton (Wilson School of Publ & Intl. Affairs); m.: Bracha Irit Heiblum; s. Adlai; with U.S. army in European theater, World War II; in Israel for first time, June 1949; U.P. corresp. in Jerusalem & foreign news editor, Jerusalem Post; Assist. to National Director of B'nai Brith Hillel Foundations, 50-52; Ford Foundation research fellow in Israel, 53-54; Consultant on Overseas Studies, Council of Jewish Federations and Welfare Funds (New York), 55-61; Resident Representative in Jerusalem of United Israel Appeal Inc., 61-65; present position, 1966-; taught at Brandeis U.. Waltham, Mass., spring 1967; mbr., brd. of dirs., YM & YWHA, Jerus.; publ.: "Israel on the Road to Sinai", Cornell Univ. Press, 67; "From Conflict to Understanding"; "Jews & Arabs in Israel", Human relations Press, A.J.C., New York, 1969.

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STOCK, Sigmund; manufacturer; Fed. Pres., Revisionist Movt., Australia; b. 7.1. 1897, Deutschkreutz, Austria; ed.: High Sch.; m.: Helene Koppel; d.: Ilse Lamm; 2 s.: Eric, Gary; mbr, Wrld Exec. Heruth-Hazohar; dep. mbr, Actions C'tee; treas., Fed. of KH Australia; mbr, Brd of Dep., Exec. Zion. Cl., Victoria; life-mbr, Zion. Fed. of Australia; gvrnr, Mount Scopus Coll., Melbourne; chmn, Manufacturer Chamber, Victoria.

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STONE, Dewey D.; Mbr., Am. Friends of Hebrew University; Chmn., Brd. of Gvrnrs., Weizmann I.; b. 31.8.1900, son of Mr. & Mrs. Morris Stone, Brockton, Mass.; m.: 28.6.1923, Anne Abrams; educ.: Boston U., College of Business Adm., 20; Hon. Dgr. Dr. of Humanities, Boston U., 50; idem, Dr. of Laws, Stonehill Coll., 58; Hon. Fellowship, Weizmann I. Mbr. brd. of Trustees of: Boston U. & Hebrew Teachers Coll. (Boston, Mass.); Natl. Chmn., U.J.A.; Hon. Chmn., U.J.A.; Assoc. Founder, Boston; Incorporator & Trustee, Cardinal Cushing General Hospital; Mbr., Brd. of Dirs. of: Council of Jewish Federations & Wlf. Funds; Am.-Isr. Cultural Foundation; Am. "Technion" Society; Zionist House (Boston, Mass.); Camp Young Judea; Trustee, Truman Library, Independence, Missouri; Mbr. of American Legion; Jewish War Veterans (Certificate of Merit Award, 1952); B'nai B'rith; 32nd degree Mason; Y.M.H.A.; Congregation "Agudas Achim" of Brockton; Temple "Israel" of Brockton; Temple "Beth Emunah" of Brockton; Zeta Beta Tau Fraternity (recipient Zeta Beta Tau Award in 1947 as "Man of the Year"); in honor of being principal benefactors, science building at Boston U. named "Dewey D. and Harry K. Stone Science Building"; New Admin. Building, Weizmann I. of Science, dedicated April 1966 as "Anne and Dewey D. Stone Administration Building"; w. U.S. Army during 1st World War.

Brockton, Mass., U.S.A.

STONE, Michael Edward; Snr Lctr, Jewish Hellenism & Armenian Studies; Chmn, Dpt. of Iranian & Armenian Studies, H.U. Jer.; b. 1938, Leeds, U.K.; to Israel, 1966; ed.: U. of Melbourne, 56-59, B.A. (Hons); H.U. Jer., 60-61; Harvard U., 61-65, Ph.D.; m.: Nira Weintraub; d. Aurit; Assist Prof., U. of Calif., Santa Barbara, 65-66; Visit. Res. Fllw in Armenian Studies, Harvard U., 71-72; mbr: steering c'tee, Pseudepigraph Seminar, Soc. Biblical Lit. USA, 70-; edit. brd, Texts and Translations: Pseudepigraphe Smnr; other learned societies & sci. projects; books: The Testament of Levi, 69; Concordance and Texts of Armenian IV Ezra, 71; The Testament of Abraham, 72.

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STRAUSS, Israel; cert. public acc.; freelance, C.P.A's Office, 62-; b. Haifa, 7.4. 1930; ed.: Inst. of Accountancy, School of Law, H.U.; m. Amalia Ben-Yaacov, 1953; 2 s.; Chief Inspector, assesing off. f. big enterprises, 54-57; Invest. Mng., Migdal Insurance Co., 58-62; Vice-Pres., I. of C.P.A., Isr. (mbr., C.C., 64-73; Hon. Secr. & mbr of Exec. C'tee, 70-); author, lctr & examiner in Taxes & Insurance; mbr, Isr. Mngmnt Center; publ.: Key to Income Tax Cases; Manuals of Approved Insurance Schemes for Income Tax Purposes; articles & booklets concerning Income Tax, Estate Duty, Provident Funds, Insurance Schemes, etc.

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STRAUSS, Richard; Dr. rer. pol.; owner, Nahariya Dairy Strauss Ltd. and Glidath Strauss Ltd., Acco; co-owner, Strauss Marketing Co. Ltd., Tel-Aviv, Jerusalem, Haifa, Beer-Sheva; b. Germany, 14.9.1909; to Israel, 1936; ed.: Tuebingen, Frankfurt, Berlin U-ies; m. Hilde Bach; 1 s.; 1 d.; author of "Das Arbeitende Kind in der Unfall-Versicherung", 1932; award: Bundesverdienstkreuz 1 Klasse, by German Gov. (f. furthering Israel-German relations).

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STRAUSS, Walter; M.D.; Prof. (Emeritus) of Hygiene and Preventive Medicine, Hebrew U.; expert on industrial hygiene; b. Berlin, Jan. 11, 1895; m. Anni Freudenthal; 1 s.; educ.: Berlin U.; Prof. of Hygiene Berlin U., 1931; past expert, Ministry of Mines, Prussia; to Israel, 1934; p. Director, Hadassah Health Centre, Jer.; p. head, Dpt. of pbl. health, Min .of Health; adviser to State Comptroller in pbl. health matters; publ papers, articles, on climate and work; work and fatigue, rural hygiene, etc.

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STREIFLER, Max; M.D.; M.Sc; Prof., Neurology, Tel-Aviv U. Med. Sch. & Postgrad. Med. Sch., 56-; Head, Dpt. of Neurology, Tel-Aviv Govt & Munic. Med. Center (Ichilov); b. Jazlowice (Austria), 2.5. 1915; m. Blanka Redner; 1 d.; 1 s.; ed.: Vienna U., Beirut U., H.U. Jer.; training at Hadassa Med. Center, Jer., & USA, 44-56; mbr of several sci. societies; studies, papers in neurology, psychiatry, neurophysiology, electro-encephalography.

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STRELITZ, Joseph H.; member of the key Exec. C'tee of the UJA & member of the UJA Natl Campaign Cabinet; p. Chairman of several campaigns for the Norfolk Jewish Community Cl.; p. Initial Gifts Division Chairman of the Council's campaign; recip., "Young Man of the Year" award in his community and has served as Vice-Pres. of the Jewish Community Council, as Dir. of the Jewish Community Center and of Temple Ohef Sholom and as Secr. of Am. Jewish Committee; Secr.-Treasurer of the Haynes Furniture Company; member of every UJA Study Mission for the past several years.

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STREM, Steve E.; businessman, intl trade; Mng. Overseas Operations, Wilson Paper Co.; mbr, brd of direction, California-Israel Chamber of Commerce; b. May, 1925, Paris; ed.: Coll. in France; grad. Am. Electron Inst. of N.Y.; add. courses in Bus. & Mngmnt; m.: Henni; 3 ch.: Renée, Robert, Kenneth; found. & Vice-Pres., Technion Publishing Scty, Calif.; p. mbr, Am. Scty of Motion Picture & T.V. Engs; in charge of importing from Isr. plastic bags

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active in post war Germany on behalf of G.Z. Youth Mov., delegated to 22nd WZC, Basle (46); mbr. CM of liberated Jews in Gny., 47; to Israel, 1948; Scry., KMK (Gen. Zion. Fund.), mbr. brd. Haoved Hazioni, 49; app. Secr. Gl. Isr. Office of Wrld. Confed. Gen. Zionists, 50; app. Exec. Dir. Wrld. Conf. of General Zionists, N.Y. (53-); elected to WZO's A.C. (s. 60); publ.: on Zion. topics; hobby: art coll.

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TAGGER, Ziona; painter; b. 1900, Jaffa (her parents were among the founders of Tel-Aviv); ed.: Bezalel Art Sch., Jer.; Acad. André Lot. Paris; s.: Avraham Katz; co-found., Isr. Paint. & Sculpt. Assn; w. A.T.S. in Brit. Army; p. w. Hagana forces; 35 one-man shows in Isr.; exhibs in Paris, 30, 50; in Egypt, 34, 36; partic. in Venice Biennale, 48; retrospective exhibition, Mus. Rubinstein Tel-Aviv, 60; recip. Dizengoff award, 37; Ziona's canvasses reflect the influence of life in the Near East & South. Europe while remaining faithful to French techniques & artistic traditions.
32 Shimon Hatarsi St., Tel-Aviv; tel. 257563. Artists Colony, Safed.

TAGLIACOZZO, Carlo; chairman, Keren Hayessod-UIA, Rome; consulting eng.; prof. of struct. engineering, U. of Rome; Ph.D. (Math.); b. 21.5.1904, Rome; m. Lida Aelion, 23.5. 1945; prof., Sao Paolo Polytechnical School, 41-42; prof., U. of Sao Paolo, Brazil, 44-46; various scient. papers; treatise on Structural Engineering & Mathematical Theory of Elasticity.
7, Lungotevere Mellini, Rome, Italy.

TAHORI, Alexander Shalom; entomologist; Visit. Prof. of Insect Toxicology, H. U., Fcty of Agric.; Head, Insect Toxicol., Israel I. f. Biol. Res., Ness-Ziona, 57-; editor, Isr. Journal of Entomol.; b. Memel, 18.1.1919; to Israel, 1937; ed.: H.U. Jer.; U. of Calif., Berkeley — M.Sc., 49; Ph.D., 51; m. Eva Turk, 1955; s.: Michael. Dan; **editor, The Intl IUPAC** Symposium on Pesticide Terminal Residue, 71; Sci. Secr., 2nd Intl Congress of Pesticide Chem.; mbr: Isr. Entomol. Scty, Entomol. Scty of America, Sigma Xi; numerous publications in the intl sci. lit. in the field of insect toxicol.
50, Hazayit St., Ramat Hasharon; Tel. 771572.

TAIBER, Abraham R.; Licencie en Droit; General Manager, Zion Insurance Co. Ltd., Tel Aviv, 1965-; b. Tel Aviv, March 5, 1927; m.: Ada Hamburger; 2 s.; 1 d.; educ.: Geneva U. (Law School); snr. asst. dir. of development, 52; repres. of the Min. of Defence for Western Europe, Paris, 53-55; Director, Industry Div., Ministry of Commerce & Industry, 56-58; Deputy Mng. Dir., The Israel Central Trade & Investment Co. Ltd., 59-61; Am. Director, Investment Authority (New York), 62-64.
17 Hayothman St., Tel-Aviv; tel. 444553.

TAIBER, Haim; businessman; director of companies; Mng. Dir., Zion Insurance Co. Ltd., Judea Ins. Co. Ltd.; Dir., Taiber Bros.; b. Russia, Oct. 3, 1897; w.; 1 s.; 1 d.; educ.: Technical College, Odessa; to Israel, 1920.
76, M. Sharet St., Tel-Aviv.

TAIBER, Moshe; B.Sc.; D.I.C.; eng.; Director of Building and Development companies; m.: Shoshana Aharonson; 1 s.; educ.: Chicago & London U-ies; to Israel, 1921.
28, Hamigdal St., Givat Rambam; Tel. 250778; Office: 3, Hashfela St., Tel-Aviv; Tel. 30144.

TAKSERMAN-KROZER, Rachel; physicist; Dr.; Prof., Dpt. of Mechanics, Technion; b. Vynnitza, USSR, 31.12.1921; to Israel, 1968; ed.: Fcty of Theor. Physics, Tashkent U., M.Sc. (Physics), 47; Inst. of Gen. Chem., Warsaw, Dr. Sc. (Math.

& Physical Sci.), 61; Techn. U., Lodz, "Docent", 66; m. Simon Krozer, 1946; s.: Anatol, George, Viktor; p. Assist., Snr Assist., Tech. U., Tashkent, 47-48; Snr Assist., Lctr, U. of Leningrad, Petrosavodsk, 48-49; Snr Res. Fllw, Inst. of Gen. Chem., Warsaw, 59-66; Assoc. Prof., Inst. of Fundamental Problems, Warsaw, 66-68 (do., Prof., 68-); visit.-professorships: Leningrad & Moscow, 62; Prague, 65; sci. awards by the Polish Chem. Scty, 63; & by Direction of the Inst. of Gen. Chem., Poland, 64; mbr: Polish Chem. Sci. Scty & Polish Physical Sci. Scty, 59-68; publ. a book, as well as res. work; 1) Behaviour of Polymer Solutions in Velocity Fields; 2) Rheological Properties of Polymer Solutions & Melts (Structure Theories); 3) Theory of Spinnability; 4) Investigations of some Problems of Phenomenological Rheology.
116a, 18 Um Blvd., Haifa; Tel. 528316.

TAL, Ada; actress; b. Russia, 1925; m.; to Israel, 1925; educ.: "Habima" Drama School; played in "The Taming of the Shrew", "Anna Frank", etc. aw., Gnessin Prize, 1957.
Habima Theatre, Tel-Aviv.

TAL, Alexander; violinist; leader; Israel Chamber Orch., -66; & Israel String Quartet, -57; b. Rumania, 21.10.1932; to Israel, 1952; ed.: Israel Academy of Music; divorced; d., Michal; p. mbr, I.P.O.; recip. 1st Prize f. young violonists, at Israel's Tenth Anniversary.
13, Onkelos St., Tel-Aviv; Tel. 410911.

TAL, Chloe; immunolog; Snr Investigator, Dpt. of Oncology, Hadassa U. Hosp., Jer., 69-; working on Immun. Diagnostic test f. Cancer; b. Jerusalem, 24.5.1920; ed.: Heb. Gymn., Jer.; H.U. Jer. — M.Sc., 43; Ph.D. (Biochem., Protozool. & Bacteriol.), 46; Postdoctoral Fellow, Daisan Fndn f. Med. Res., Rockefeller I., N.Y., 48-49; m.; 1 d.; 1 s.; worked in Hadassa Hosp., Med. Diagnostic Lab., Jer., 46-47, & Kupat Holim Clin. Lab., Tel-Aviv, 47-48; Visit. Investig., Rockefeller I. & Postodct. Fllw, Natl I. of Mental Health, Public Service, 49-52; continued res., in problems of Experimental Allergic Encephalomyelitis, N.Y. State Psychiatric I., 53; Snr Investig., Lab. of Experim. Neurology, Rothschild-Hadassa U. Hosp., Jer., 55; Chief Lctr in Immum., Hadassa U. Med. School, 64; Guest Investig.: lab. of Dr. W. F. Goebel, Rockefeller I., N.Y., 65; Dpt. of Chem., Tokyo U., 66 (Symposium on autoimmune processes); presented a paper at the 9th Intl Cancer Congr., Tokyo, 66; visit. (upon invitation), Labs. of Rockefeller U. & A. Einstein Coll. of Med., N.Y., 66-67; mbr: Scty of Am. Bacteriologists, Scty of Experim. Biol & Med., Assn of Allergology; 27 sci. publ. in her field.
16, Hameyassdim St., Beith Hakerem, Jerusalem; Tel. 525972.

TAL, Elijahu; advertising consultant; President, Israel Chapter of the Intl Advertising Association; past Chairman, Israel Advertising Assn.; born Berlin, Aug. 1, 1912; m.: Ruth Glassberg; 1 d.; 2 s.; educ., Teachers' Seminary, Jerusalem; Leeds U., U.K.; lectured on advertising, Hebrew U.; with British Army, world war II (Major) & comm. off. IDF (Sgan Aluf).
10 Ehud St., Zahala.

TAL, Israel; Major General, Dep. Chief of Staff, 73-; Ch. of Operations Branch, General Staff, IDF; assigned, Defence Development and Production Matters, Ministry of Defence; p. Armoured Corps Commander; b. Machanaim, 1924; 1 s.; 1 d.; educ.: Philosophy and Political Science, Hebrew University; General Staff College, England; awarded Israel Defence Prize, 1961; w. Brit. Army & Jew. Brig., 42-46 (active service in Italy, 45); course Hagana, 1946; Trained Palmach Units; served w. Ghivati & Oded Brigades, partic. in liberation of Nazareth & Galilee during Indep. War; various capacities IDF; C/O Infantry School, 51 & Head of Training Branch, HQ, 52; C/O Infantry Brig., Abu Ageila, during Sinai Campaign; C/O Armoured Troups wich faught in Rafiah & Suez Canal, during 6 Days War.
IDF.

TAL (Gruenthal), Josef; Snr. Lecturer (in musicology), Hebrew University, 1951-; b. Pinne, Sept. 18, 1910; m.: Pola Pfeffer; 2 s.; educ.: State Academy of Music, Berlin; Dir., Academy of Music, Jerusalem, 48; UNESCO fellowship, for research studies in electronic music (Europe, U.S.A., Canada); Dir., Centre of Electronic Music, Jerusalem, 1961; composed operas, symphonies, chamber music; two books on musical theoretical issues; 71 — world premiere of opera "Ashmedai", Hamburg.
3 Debora Haneviya St., Jerusalem; Tel. 28736.

TAL, Uriel; Prof. of Jew. History, Tel-Aviv U.; b. 23.12.1926, Vienna; to Israel, 1940; ed.: H.U. Jer. - B.A., M.A., Ph.D.; m.: Miriam Shoshani; s.: Yizhar; d.: Judith; Visit. Prof.: JTS New York, 62; HUC Cincinnati Ohio, 71, 72 (S. Falk Disting. Prof. of Jew. Hist., 72); Acting Chmn, Dpt. of Hist. of Jew. Thought, H.U., 69; partic. & lctrs: Wld Congr. of Jew. Studies, Jer., 65, 69, 73; Am. Inst. f. Holy Land Studies, post-grad. course f. Christ. students, Jer., 66; Ecumen. Inst., Chateau de Bossey, Switz., 67, 72; Am. Acad. of Jew. Res., N.Y., 72; Interfaith Confer. f. Jew.-Christ. Understanding, Cambridge, Geneve, Rome, USA, 66-; Scholars Confer. on German Church Struggle & the Holocaust, Wayne State U., 72; guest lctr, Northwest. U., USA, Dpt. of Hist. of Religs, 72, 73; contr. & publ.: Christians and Jews in the Second Reich (1870-1914) - A Study in the Rise of German Totalitarianism, 69; Patterns in the Contemporary Jewish-Christian Dialogue, 69; "Introduction" to The Grey Book - A Collection of Protests against Anti-Semitism, 69; Religious and Anti-Religious Roots of Modern Anti-Semitism, 71; articles & essays mainly on Modern Jewish Intellectual History and on the History of Christian-Jewish relationship; recip.: Anna Frank Award on the Study

of Antisemitism, 60-61; Warburg Award f. Judaic Studies, 59-62; Memorial Found. Fellowship f. the Study of "Christianity and Judaism in Germany - from Weimar to Wannsee".
38 Shevet Menashe St., Herzlia Pituach.

TALMI, Ephraim; journ., poet; p. ed., "Davar Leyeladim"; mbr., editorial staff, "Davar"; b. Poland, 1905; m.: Shifra Apter; ch.: Menachem, Doron; att. Teachers' Smny., Poland; to Isr., 25; p. military corresp., "Davar"; Sokolov Prize, for "From Dan to Eilat" (Hebrew); author of "New Israel Guide" (Hebrew, English); several books on the War of Liberation; books of verses; collection of songs for children, stories & sketches; aw. Lamdan Prize f. Children & Youth Literature, by Ramat-Gan Munic. for "Ta'alulim Bapardess".
33, Bezalel St., Tel-Aviv; Tel. 226703.

TALMI, Igal; D.Sc. Nat.; M.Sc.; Prof., Head, Dpt., Nuclear Physics, Weizmann I. of Science, 54-; Dean, Fcty of Physics, 70-; b. 3.11. 1925, Kiev; m. Chana Kivelewitz; 1 s.; 1 d.; educ.: Hebrew University, Jerusalem; Swiss Federal Inst. of Technology; Research Fellow, Princeton U.; visit. assoc. prof., Princeton U., 56-57; visit. professor, 61-62, 66-67; papers on theoretical nuclear physics; author of "Nuclear Shell Theory" (with Prof. A. Shalit); mbr, Israel Academy of Sciences & Humanities; Israel Prize, Exact Sciences, 65 (with Prof. A. de Shalit); Rothschild Prize, 72.
Neve Weizmann, Rehovot.

TALMI, Menahem; journalist, writer; b. Israel, 19.9.1926; ed.: secondary school; m. Daliah Spilberg, 1955; 2 s.; 1 d.; publ.: short stories, on Isr. Indep. War; 16 books f. children & youth; boks on Isr. geograph. subjects; literary anthologies; recip.: Lamdan Prize f. Children Lit.; Walter Schwimmer Prize f. Journ.
10, Aharon David (Gordon) St., Tel-Aviv; Tel. 236111.

TALMON, Jacob Leib; M.A.; Ph.D.; prof., Modern General History, Hebrew U.; visit. fllo, St. Catherine's College, Oxford; Inst. of Advanced Study, Princeton; Netherlands I. f. Advanced Study; M.I.T.; b. Poland, June 14, 1916; educ.: Hebrew U.; Sorbonne U.; London School of Economics; to Israel, 1934; awarded, Israel Prize (1956) of Social Sciences for "The Origins of Totalitarian Democracy"; mbr, Israel Natl Acad. of Sc. & Humanities; author of "Political Messianism: The Romantic Phase"; "The Unique and the Universal"; "Romanticism & Revolt"; "Israel among the Nations".
25, Ben-Maimon Ave., Jerusalem; Tel. 33476.

TAMARI, Amiram; artist-painter; art teacher, Levinsky Teach. Smny, Tel-Aviv; b. Hadera, March 22, 1913; m.: Hannah Schlisselberg; 1 d.; educ.: Paris Art Academy; permanent exhibs., Tel Aviv Museum; won prizes by Tel Aviv Municipality, 43, 44; mbr, local c'tee, T.-A. & Central C'tee, Painters & Sculptors Assn, Isr.
8 Zidon St., Tel-Aviv; Tel. 447896.

TAMARI (Teitelman), Moshe; writer, editor; mbr., Control Comm., Hebrew Writers' Assn., 1954-55, 1958-62; mbr., Judges Comm., "Acum", 58-63; b. Warcowicze (Volhynia), May 20, 1910; m.: Miriam Gefel; s. Amnon; d. Ziva; educ.: "Tarbuth", High School, Rovno; to Israel, 1933; publ.: "Voice of Life", 41; "In Vain", 44; "From Scene to Scene", 51; "Two Brazilian Books", 63 (Engl.); "Blossoming Orange Groves", 68; "Days Gone By", Bible Miniatures, 71; more short stories, essays, in literary periodicals; translations: S. Maugham ("Rain"); Jack London; Brazilian Epic, "Os Sertoes"; R. Kipling, "Banquet Night", poem; edited, books of Medicine; also Memorial Books of Jew. destroyed communities: Zamosc, Lenin, Vengrov; on cultural mission to Jewish communities, Brazil, 63-65.
4 Pineles St., Tel-Aviv; Tel. 442505.

TAMIR, Joseph; M.K. (Gahal), 65-69; journalist; mbr. Central C'tee, & p. Scr. Gen., Liberal Pty.; p. Munic. Councilor, Tel Aviv-Jaffa; b. Berditchev (Russia), March 5, 1915; m.: Naomi Manevitz; 1 d.; 1 s.; educ.: Tel Aviv U.; London School of Economics; Corresp., "Haaretz" (daily), 3-40; on the editorial staff of "Maariv" (daily); delegate to Maccabi Congress, Prague, 1933; delegate to several Zionist congresses; chmn, Knesset C'tee f. Ecology; founder, Isr. Beautification Natl Council; Head, Gahal Information Dpt.
24, Hé Bé iyar St., Tel Aviv; Tel. 265181.

TAMIR, Peleg; LL.B., M.B.A.; Col. (Res.); Dir. Gen., Isr. Manufact. Association; born 18.1.1928; educ.: Reali Haifa; Law & Econ. School, T.-A.; G. Washington U. (Bus. Adm.); m.: Hassia Hazan; ch.: Ofrit, Yaara, Semadar, Avivit; p. activ. IZL & jailed 2 yrs. in Acre; escaped, joined IDF, first in Air Force, later in various instr. & org. assignments; mbr., Brd. of Dirs., Industrial Develop. Bank of Isr. Ltd.
17 Shderot Ben Zvi, Ramat Gan; Tel. 744315.

TAMIR, Pinchas; Ph.D.; Lctr, Sci. Educ.; b. 6.6.1928, T.A.; ed.: H.U., M.Sc. (Agric. Sci.), 51; Cornell U., N.Y., Ph.D. (Educ.), 68; m.: Ruth Shomroni; ch.: Hagit, Yuval; lctr: H.U., Sch. of Educ.; Negev U.; Act. Dir., Sci. Teaching Sct, H.U.; Dir., Isr. BSCS Adaptation Projekt, Amos De Shalit Sci. Teaching Centre; mbr: Natl C'tee f. Biology Teaching, Educ. Min.; Isr. deleg., UNESCO Intl Confer. of Sci., 72; Area Mng, Mehadrim Ltd., 51-52; Head Teacher, Biology & Agric. & Dir., Fruit Farm, Agric. Scndy Sch., Pardes Hana, 52-66; w., Jew. Brigade, British Army, 45-46; Hagana & IDF, Jerus. & Gush-Ezion, 47-49 (Cpt rsv); Publ. 30 res. papers; contrib. to Journal of Res., Sci. Teaching; Sci. Educ.; Sch. Sci. Review; Journal of Biological Educ.; Australian Sci. Teach. Journal, BSCS Newsletter; co-auth.: Res. chpt, Natural Sci., 2nd Handbook of Teach. Res., 73; awarded: 2 year scholarship, Natl Cl., Jew. Women,

N.Y., 66; E. Laurence Palmer Aw., Cornell U.
22 Hagdood Ha'ivri St., Jerusalem; tel. 61774.

TAMIR (Katzenelson), Shmuel Moshe; M.K. (Free Centre, 65-69); adv. in private practice; b. Jerusalem, March 10, 1923; m. Ruth Gurevitch; 2 s.; 2 d.; educ.: Law Classes, Jerusalem; p. acting Commander of IZL, Jerusalem; deported to Kenya; founder & exec. chmn., Free Centre Movement; articles, lectures; re-elected, M.K., 69.
139, Haeshel St., Herzliya.

TAMIR (Stupensky), Yehuda; Manag. Dir., Azorim Investment & Devel. Co. Ltd., 69-; p. Gen. Mng., Ashdod Co. Ltd.; b. Jerus., 1926; m.: Ada Borodovsky; 2 d.; rank of Sgan Aluf; f. Battalion Com. IDF, joined Housing Dpt., Min. of Labor, 1950; in 1962 elected member of U.N. int'l comm. for housing and town planning.
75, Einstein St., Ramat Aviv.

TAMIR, Zvi; Mng. Dir., Ready Mixed Concrete (Israel) Ltd., 1965-; b. Vienna, 1922; to Israel, 1938; British Army, 40-46; secretary of ex-servicemen; commands in Haganah, IDF.; Dir. of Supply, IDF, 60-64 (rank of Col.).
Office: 34 Yitzhak Sadeh St., Tel-Aviv.

TAMMUZ, Benjamin; author, novelist; Cultural Attaché, Isr. Embassy, London; Chief editor, Literary Suppl. "Haaretz"; born 11.7.19, in Russia; education: "Herzlia" College (Tel Aviv), Sorbonne (Paris); m.: Miriam Solberg; 2 s.; On, Yonathan; p. dep.-editor "Yom-Yom" (daily); designed, monument for Israeli pilots, Independence Park, Tel Aviv; p. Liaison-Officer, World War II; novels: "The Life of Elyakum"; "Castle in Spain"; "Elyakum: The Book of Hallucinations"; "Jacob"; The Orchard"; stories: "Sands of Gold"; "Closed Garden"; "Anton, the Armenian"; "Art in Israel"; numerous articles, essays, literary & art criticism.
13 Levi Itzhak St., Tel Aviv; Tel. 221594.
Israel Embassy, London.

TANKUS (Tenne), Shmuel; Dir., Israel Nautical College, Acre; b. Israel, Nov. 1914; m.: Yafa Grobstein; 1 d.; educ.: Hebrew U. (2 years' at Faculty of Biology); formerly in marine training, 'Hapoel" Sports Org.; Officer Commanding, Israel Navy, (rank of Commodore), 54-60.
15 Shoshanat Hacarmel St., Haifa.

TANNY (Tanai), Shlomo; poet; journalist; Head, Histadruth Information Dpt.; Adviser, Israel Foundation for Cultural Relations with World Jewry; b. Poland, Nov. 27, 1919; m.: Tirzah Brandstaeter; d. Mihal; s. Joseph; p. mbr., edit. brd., "Haaretz"; mbr., Central C'tee, Hebrew Writers' Assn.; studies in France, 47; USA, 52; editor, "Bamahaneh", 50-54; editor, "Davar Leyeladim", 54-56; author of "Eretz ha-Haim"; "Kokhvei Derekh"; "Lifnei Yamim Hadashim"; "Haverim"; "Pegishat Haohavim"; "Searching" & "Collected Poems", 72; "Wonder Man" (f. ch.), 72; "The Legend of the Laughing House", 62; co-edited, "Yalkut Ha'reyim" (w. M. Shamir); "Daf Hadash" (w. Shamir & Glickstein); "Dor Baaretz" (w. Uchmani) & "Ma'assef" (w. Dov Sadan); various translations.
9 Derekh Haifa, Tel-Aviv.

TAN PAI, Yoshua; poet; journalist; editor, head, Jerusalem Branch, "Haaretz" (daily); pres., Israel Writers' Assn., Literary Council; b. Kishinev, 2.7.1914; m.: Alisa Mautner; s., Shaul, fell in battle, 1969; 2 d.; educ.: religious school; to Israel, 1934; w. "Haaretz", 1941-; author of: "Me-Alef ad Tav"; "Variatziot al Heaviv"; "Shirey Hachosheh We-ha'reut"; "Aose Ba'nfashot"; "Kol Ha-Adam" (all poetry); numerous poems in Hebrew dailies & periodicals; compiler of Dictionnaire Francais-Hebreu; several anthologies of poetry; translations from Baudelaire, Balzac, Pushkin, Chekhov, Eminescu, Rimbault, Tolstoi, Maupassant, Cervantes, etc.; aw., P.M.'s Prize f. Lit.
3, Schatz St., Jerusalem.

TARG, Max; LL.B.; founder, Pres., AMLI-Americans f. a Music Library in Israel, 50; Hon.-mbr. Brd of Rubin Acad. of Music, Jer. & Tel-Aviv; life-time mbr of ZOA; active in: JNF, Friends of H.U.; Am. Technion Scty; Israel Bonds, Histadruth, Poale Zion; on Brd of Dirs & Gvnrs in most orgs; b. Zawiercie, Poland, 10.9. 1895; m. Fannie Wexler, 1920; d. Bernice; diligent student of Tanach, Talmud; in wholesale music business, f. 50 years (ret. 1969); held highest offices in the music industry nationally; elected to the Hall of Fame, Chicago, f. contrib. to music life in Israel, 70; established music libraries in Tel-Aviv, Jerusalem, Haifa & Beer-Sheva, Beit Shean Reg., Ramat Aviv and supplied musical instruments valued over $ 2 million, instrumental in setting up many new orchestras, bands, ensembles, etc., in Israel; contrib. to building a music conserv., in Beit Shean Valley; mbr, Simfonia Fraternity; establ. an endowment fund of $ 50.000 f. maintenance of F. & M. Targ Music Center in Ein Karem; also $ 50.000 f. Music Scholarships & other music promotional projects; named a street (Amli) & a square (Targ) in Beer-Sheva; cit.: Natl Assn of Musical Merchandise Wholesalers Inc., Am. Music Conference, Music War Cl. of Am., War Production Board; do, from Ben-Gurion, f. State of Israel Bonds; do. from Tel-Aviv, Jerusalem & Haifa Municipalities.
2400, Lakeview, Chicago Ill. 60614, USA.

TARNOWSKI, Bernard; bus. exec.; chmn, Tarnowski & Co., 51-; nalt pres., ORT Belgium; pres.: Memorial aux Martyrs Juifs de Belgique; Comité de Direction de la Centrale d'Oeuvres Sociales Juives; Commn de Construction de l'École Israélite; Comité d'Aide aux Réfugiés d'Afrique du Nord; campaign, 64, 65; b. 31.7.1910, Hannover; ed.: Talmud Thora, Hamburg; 1. d. (living in Isr.); p. vice-pres., B'nai B'rith; found. mbr, Solidarity funds f. Isr.; mbr: Exec.,

K.H.; Belgian Friends of H.U. Jer.; Belgian League f. Human Rights; honors: Chevalier de l'Ordre de Leopold II; Palmes d'Or de l'Ordre de la Couronne; citation by Emerg. Campaign f. Isr., 67.

163 Orban Ave, Brussels 1150; office: 2/4 Rue des Colonies, Brussels, Belgium.

TARSHISH, Abraham; journalist; head, Sociology Section, Hakibbutz Hameuchad Publishing House; b. Bobruisk (Russia), Sept. 1900; m.: Jocheved Bath-Rachel; 1 d., Rachel; to Israel, 1920; co-founder of Ein-Harod; p. mbr. political c'tee, Ahdut Avoda Poalei Zion; mbr. exec. c'tee, Histadrut; co-foundr, "Gdud Haavoda" & Kibbutz Ein Harod; mbr exec. c'tee: Hakibbutz Hameuchad, Wld Zion. Labour Mov.; mbr C.C., Lab. Pty; co-founder "Lamerhav"; articles in "Davar", "Mibifnim", "Al-Hamishmar"; publ. collections of essays on various topics.

Kibbutz Ein Harod.

TARSKI, Alexander; M.A.; pianist, composer; conductor, Israel National Opera, Kol Israel Orchestra and Hed Arzi; b. Lodz, Nov. 10, 1921; m.: Irena Shultz; 1 d.; educ.: Hebrew College, Lodz; att. conservatoires in Minsk, Leningrad, Moscow, Lodz; Conductor, Musical Theatre, Opera and Philharmonic, Minsk; Uzbek Opera, Tashkent; Philharmonic, Lodz; Warsaw State Opera, etc.

5 Slonimski St., Bitsaron A, Tel-Aviv; Tel. 33809.

TARTAKOWER, Arie; Dr. jur., Dr. rer. pol.; Chmn., Wrld. Assn. f. Hebrew Language (Brit Ivrit Olamit); p. Prof. & Head, Dpt. of Sociology of Jews, H.U. Jer.; p. Chmn, Isr. Exec., WJC; Chmn, Cultural Dpt., WJC; b. Brody (Poland), Sept. 24, 1897; educ.: Vienna U.; Chmn. of Hitahdut, Zionist Labor Party, Poland, 22-39; lecturer, Institute of Jewish Sciences, Warsaw, 32-39; Director, Dpt. of Relief & Rehabilitation of the World Jewish Congress (USA), 39-46; co-founder & p. President, Israel Assoc. for the U.N.; author of "History of the Jewish Labour Movement"; "The Jewish Refugee"; "Jewish Wanderings in the World"; "The Jewish Society"; "The Israeli Society"; "Historv of Colonization"; "The Tribes of Israel" & numerous articles in Hebrew, Yiddish, English, German, Polish, French and Spanish periodicals.

1 Ben Yehuda Rd., Jerusalem.

TATZ, Gershon; Mayor of Nahariya, 1947-69; mbr, Central C'tee, Labor Pty; b. 10.9.1914, Lithuania; m. Ida Friedman; 1 s.; 1 d.; educ.: religious college; rabbinical seminary, Kovno; to Israel, 1935; p. secr., Labor Council, Nahariya, 35-47; Dep. Mayor, Nahariya, 41-47.

Nahariya Municipality.

TAUB, Ariel; Prof. of Metallurgy, Middle East Technical University, 63-65; Technion, 53-68; Ministry of Education & Culture, 68-; m.: Batia Cohen; 2 d.; to Israel, 1939; recip.: Arnon Prize, 62.

37 Disraeli St., Haifa; tel. 242125.

TAUB, Yitzhak Julius; M. Jur.; B.A. economist; Secr. Gen. & Assist. to the Governor, Bank of Israel; b. Bratislava, C.S.R., 16.1.1927; educ.: Hebrew U. (economics and law); m.: Marit; 2 ch.: Gad, Hagar; to Israel, 1939; chmn., Brd. of Dir., The Jerusalem "Khan" Theatre.

7, Neveh Shaanan, Jerusalem; Tel. 34247.

TAUBENHAUS, Ephraim; author, journalist; liter. critic; b. Safad, May 25, 1905; m.: Leah Rosenberg; 2 d.: Shulamit Kaplansky; Tamar Or-Sinai; educ.: Rabbinical Coll.; mbr, Central C'tee Mizrahi Org.; res. in Kaballa, hassidim, rabbin. literature, Bible, etc.; mbr., brd. & treasurer, Scty. f. Bible Research, Israel (52-); hon. secr., Far Eastern Studies Scty.; publ.: "Zaharurim" (49); "Rashy, Life & Work" (57); "Geoney Israel" (58); "One Man's Way" (59); "On the Altar of Science" (62); "Shining Profiles in the Chassidic World", 68; "Life of Maimonides"; "Jerusalem, City of Eternity", 69; contrib. to Encyclopaedia Hebr., frgn. & local periodicals, of which he is regular correspondent; lecturer in chassidism & Kabbala; most works have been issued in several printings, translated in English & other languages.

11 Pevsner St., POB 4938, Haifa; tel. 664034.

TAUBER, Gerald E.; B.A., M.A., Ph.D.; Visit. Prof. of Physics, Tel Aviv U., 65-67; Prof. of Physics & Astronomy, Tel Aviv U., 67-; b. Oct. 31, 1922, in Austria; educ.: B.A. (1st class hons.), U. of Toronto; M.A., U. of Minnessota, 1947; Ph.D., U. of Minn., 1951; to Israel, 1965; m.: Lydia Rudoler; ch.: Peter, Robert, Chanan; p. Instructor in Math., ORT School, Saint Paul, Quebec, 41-42; Instructor in Physics, Bishop Strachan School, Toronto, 44-45; Teaching Assist., U. of Minnesota, 46-50; Sessional Lect., Hamilton College, McMaster U., 50-52; Postdoctoral Fellow, National Research Council, Canada, 52-54; Assist. Prof., Western Reserve U., 54-58 & Assoc. Prof., 58-61; Visit. Prof., Israel Institute of Technology, 59-60; Chmn Dpt. of Physics, Western Reserve U., 60-61; Prof., 1961- & Chairman Dpt. of Physics, Western Reserve U., 64-65.

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TAUCHNER, Maximilian; lawyer, journalist; Law. office for Germ. restitutions, 52-; b. 7.5.1917, Vienna; ed.: Cracow & Lwow U., M.A., 40; Graz & Munich U., Dr.Jur., 57; m.: Henriette Salamon; s.: Paul; corresp. Jew. Journals in Munich, 50-; Pres., KKL, Munich; Vice-Pres., Jew. Community, Munich; exec. mbr, Jew. Community, Bavaria; Europ. exec. mbr, Indep. Lib. Zion. Party; mbr, Central Cl., Hanoar Hazioni; Vice-Pres.: Isr. Bonds; Heb. U. Friends, Munich; p. chmn: Ichud Poland; Cl. Polish Jews; mbr deleg., Pol. J., Pol.-Isr. negotiations, 49-50.

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TAUMAN, Eliahu; architect; Visit. Lectr., Technion, Haifa; b. in Lodz, Poland, 34; to Israel, 1950; studies, B.Sc., 57; M.Sc., 63 (Ar-

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TAVIN, Yaacov Eliezer; dir. of companies; b. Poland, 10.5.1919; to Israel, 1938; ed.: H.U. Jer., M.A., Ph.D.; m. Miriam Adler, 1961, ch.: Benjamin, Vered; mbr of Exec., Herut Movt. in Israel & mbr, Brd of Gvnrs, Isr. Brdcst Auth.; lecturer & writer; Vice Chairman of Wld. Exec., Herut-Hatzohar; Director, Tel-Hai Fund; p. teacher, bus. mng., builder; p. mbr, High Command of IZL & Shilton Betar; research papers: "The Self Defence of the Jews in Russia (1880-1906)", H.U. Jer.; The Political and Military Struggle of the Irgun Tzwai Leumi in Europe (Jan. 1946 — Jan. 1949), H.U. Jer.; presentation — "How to organize an Unterground and run it", Center f. Intl Affairs, Harward U.; publ.: The Second Front, Ron, 73.

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TAVOR, Moshe; Dr. Jur.; journalist; Isr. coresp. of "Frankfurter Allgemeine Zeitung", 60-; b. Olomouc, C.S.R. (Olmuetz, Austria), 29.6.1903; to Israel, 1939; ed.: Law Fcty, Prague; m. Nora Heller, 1952; mbr, edit. brd, "Selbstwehr", Zion. weekly, Prague, -23; lawyer mbr of C.C. of the Z.O. in CSR, p. Head, Hon. Court of Jewish Pty, CSR; editor, Jewish weekly & K.H. Bulletin, Prague, -39; Heb. editor of CETEKA (CSR Press Ag.), Jer., 41-48; mbr, edit brd "Hador", Haifa, 48-50; parliam. & pol. corresp., head of Jerusalem branch, "Davar", -66; in the meantime, Press-Attaché of the Israel Mission & Israel Embassy, Cologne (57-60, 63-66); retired from "Davar", 66; mbr, Journalist Assn & his Court of Hon., Jer. (p. Hon. Secr., 47-48); publ. "Jerusalem Album" (German); transl. books by Ben-Gurion into German; award.: German Bundesverdienstkreuz, 1 Klasse.

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TAVORY, Oded; chem. eng.; Vice-Mng. Dir., Israel Chemicals Ltd., 71-; b. Jerusalem, 16.4.1928; ed.: Tri State Coll., Indiana, B.Sc.; M.I.T., Mass. USA, M.Sc.; m. Maya Dotan, 1950; s. Doron; d. Sharon; p. Dep. Dir. Gen. & Dir Gen., Chemicals & Phosphates Ltd., Haifa, mbr: Inst. of Chem. Eng., London; Am. Chem. Scty; Am. Inst. of Chem. Eng.; Inst. of Chem. Eng., Israel.

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TEKOAH, Ruth; Mbr., WIZO World Exec., 65-; b. in Rumania, 23; m.: Josef Tekoah, Isr. Ambass., UN; 3 s.; 1 d.; p.w. Isr. Legation in Netherlands, 50-52; p. off. of the Public Relations Dept., Ministry of Foreign Affairs, Jer., 52-54; Wld WIZO Public Relat., 54-58, 65-68; Mission f. WIZO: S. Africa, Brazil; f. U.J.A. Isr. Bonds: USA.

Israeli U.N. Delegation, New York, N.Y., USA.

TEKOAH, Yosef; Ambas.; Permanent Repres. to the UN, 68-; b. 1925; m. Ruth Weidenfel; 1 d.; 2 s.; ed.: Harvard U.; dep. legal adviser, MFA, 49-53; Dir., Armistice Affairs Dpt. 54-58; Dep. & Acting Perm. Repres. of Israel, UN, 58-60; Ambassador to Brasil, 60-62; Ambassador to USSR, 62-65; Assist. Dir. Gen., MFA, 65-67.

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TEL-NIR (Landesberg), Nathan; Secretary General, National Council for Prevention of Accidents; b. Brno (C.S.R.), July 9, 1917; m.: Haya Vishnitzky; 3 s.; educ.: Command & Staff College (IDF); to Israel, 1934; in Hagana and IDF in various staff and command capacities (rank of Lt. Col.); p. Pres., Lyons Club, Tel-Aviv, Dan; mbr., Public Relations Assn., Tel Aviv; mbr., Assn. of Retired Officers and NCO's; articles in local press.

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TELS, Martinus; chem. eng.; Prof. of Physical Technology, U. of Amsterdam, 67-; chmn, Dutch League of Friends (69-) & mbr, Brd of Govnrs, Tel-Aviv U., 71-; chmn, Dutch Solidarity C'tee f. Russian Jews, 71-; b. Roterdam, 16.8.1926; ed.: Delft Techn. U., Netherlands; m. Dr. Leontine L. de Jong; s. Harry Herbert; d. Anneke Lucy Josine; Westerbork concentration camp, 43-44; Theresienstadt, 44-45; assist. Chem. Eng. Dpt., Delft Techn.

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TENE, Benjamin; author; editor, Mishmar Le-Yeladim, 1948-; b. Warsaw, Dec. 10, 1914; m.: Sara Chapnick; s. Abraham; d. Yael; to Israel, 1937; poems & translations (over 40 books); mbr. PEN Club, Israel.
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TENZER, Herbert; attorney; served two terms in the House of Representatives, as a member of the Judiciary Committee; Chairman American Israel Friendship Committee; Member Advis. Council, New York Board of Rabbis; Exec. Committee & Co-Chairman Natl Committee, American Israel Public Affairs Committee; Mbr of Board of Beth Israel Med. Center; b. 1905, New York; ed.: New York U., Law Sch.; senior partner in the law firm of Tenzer, Greenblatt, Fallon & Kaploan; p. Director in the New York County Lawyers Assn; mbr of the American, New York State and Nassau County Bar Associations; served as Chairman of the Board of Bartons' Candy Corp., 40-60; gen. counsel to the Natl Code Authority for the Wholesale Confectionery Industry, which administered the industry code of fair practics, 33-35; p. counsel to the Bureau of Soc. Welfare of the New York City Patrolman's Benevolent Assn; Pres. of the Natl Council to Combat Blindness, Inc. (Fight for Sight); Voting Member of the New York City Div. of the Am. Cancer Scty; Chairman of the South Shore Div. A. Einstein Coll. of Med. & Chairman of MIND (Maimonides Institute for New Development), a school for exceptional children; p. Divisional Chairman, Fed. of Jewish Philanthropies; trustee of Yeshiva U.; recip. Man of the Year Award by the Natl Confer. of Christians and Jews, Long Island Chapter, 67; one of his most notable accomplishments was his organization and handling of the Rescue Children, Inc.; p. Pres. of the Yeshiva of Crown Heights in Brooklyn from 1932 to 1949 (now Hon. Pres.); Pres., Congregation Beth Sholom of Lawrence, New York, 52-56; in 1962 he was honored by being given the Synagogue Statesman Award of the Synagogue Council of America, and has served as Natl Secr. of the organization; Chairman of the Board of Overseers of the Hillel School in Lawrence, New York; recently appoint. by County Executive Eugene Nickerson to serve as a member of the Nassau County Board of Ethics.
Cedarhurst, N.Y., USA.

TEOMI, Oded; actor; b. Tel-Aviv, 1937; educ. Actor's Studio, N.Y.; Peter Frye Drama Studio; m.: Hava Eisenbach; 2 d.: Einat, Amira; free lance actor; performed principal parts, Habima, Ohel, Cameri, Bimot, Zavit & Haifa Municip. Theatre; awarded Milo Prize, as best actor, 1966; "Kinor David" award., best actor, 1968, 1969; in several Israeli movies.
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work on Valley of Jezreel, "MeEretz Kishon", 67.
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TERLO, Zvi; adv.; M. Juris.; Dir. Gen., Ministry of Justice; b. Kracow, Poland, 16.11.1932; to Israel, 1935; educ.: Hebrew U.; m.: Malca Glassberg; p. Assist. State Attorney, 56-59; Dep. State Att., 59-66; snr. counsel. to the Minister, 66-69; Dir. Gen., 69-; visit. teacher, Fcty. of Law, Hebrew U., Jerusalem.
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THAU, Avshalom; architect (in priv. practice); Assoc. Prof., Fcty of Arch. & Town Planning, Technion, Haifa; b. Kosice, CSR, 18.6.16; m.: Leah Baum, July, 1939; d.: Shulamit Spitz; stud.: element. & sec., Lwow, 22-34; B. (Arch.), Ing. (Archit.), Technion, 34-38; mbr. undergr. Haganah, jailed, courtmartialed (The "43 Group") Life, amnesty, 41; joined Jew. Agcy. Mission f. the war effort; w. Solel Boneh, 45-48; IDF, Off., Infntry, later Eng. Corps., 48-67; projects: Lowdermilk Fcty. of Agric. Eng., Technion City; Cent. Teleph. Exch. Building, Nazareth, etc.; publ. :Archit. Integration of Eng. Services in Resid. Buildings, 3 vols., by Technion Res. & Dev. Foundation, 64-68; many articles on archit. topics; patent appl. filed in London, 1959, "Supercorrugation Space Enclos. System".
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THURMAN, Harold; Cert. Management Cnslt, dir. several concerns; found. mbr, Am.-Isr. Chmbr of Comm., Miami; trustee: Gt. Miami Jew. Fed.; Temple Israel (p. Pres.); YMHA Miami; Jew. Family Serv.; Hon. Pres., Jew. Big Brother, Boston; b. 4.5.1904, Boston Mass.; ed.: Boston Latin Sch.; Harvard Coll., A.B.; Harvard Bus. Sch., A.M.P.; m.: Melanie; 2 d.: Jane Sharon, Debby; p. Chmn, Miami Bonds f. Isr.; p. co-Chmn, Combined Jew. Appeal, Miami; p. Vice-Chmn, Large City Budgeting Confer.; p. Vice Pres.: Gt. Miami Fed.; Hillel Fndn Miami U.; Big Brother Assn of Am.; Friends of H.U., Miami; Brandeis U. Campaign, Miami; p. secr., Cedars of Lebanon Hosp. U.; active in: Standard Club, Harvard Club, Masons, B'nai B'rith, A.J.C., Am. Jew. C'tee.
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TOLKOWSKY, Dan; B.Sc. (Eng.) A.C.G.I., A.M.B.I.M.; Managing Director, Discount Bank Investment Corp. Ltd.; b. Tel-Aviv, Jan. 27, 1921; m.:; 3 ch.; educ.: Imperial College of Science & Technology, London; served R.A.F. during world war II; Chief of Staff, later Commander, Israel Air Force, -1958 (rank of Brig. General).
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TORCZYNER, Jacques; U.S., business exec.; b. Antwerp, July 8, 1914; Ing. Commercial, Brussels U., Solvay I., 35; m.: Berthe Pintel, s. Robert; in USA since 1940; mbr, Exec. Brd, WZO, 72; found. & Co-pres. World Union Gen. Zion., 72; Gen. Mng., Rassco Isr. Corp., 67-69; Gen. Mng. Real Estate Participations in Isr., 69-72; Dir. of Devel. Rassco Israel Co. 61-67; in diamond trade, 40-59; Pres. ZOA, 65-70; member Presid. World Zion. A.C., 56-72; found., Vice Pres. American Israel Chamber of Commerce, 52- ;delegate, World Zionist Congresses, 1946, 51, 56, 60, 64, 68, 72.
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TOURY, Jacob; Prof., Dpt. of Jewish History, Tel-Aviv U., 62-; b. Germany, 1915; to Israel, 1935; ed.: H.U. Jer., M.A., Ph.D.; m. Eva Aron, 1941; 2 ch.; p Teacher & Acting Principal, Instructor, in teachers' training programm, Technion; do. & in History at Haifa U. & H.U. Jer.; author of: Die politischen Orientierungen der Juden in Deutchland, Tuebingen 66; Turmoil and Confusion in the Revolution of 1848 (Hebrew), Merhavia 68; The Entrance of Jews into German Citizenry, Prolegomena & Documentation, 2 vols., Tel Aviv, 72; textbooks in Gen. & Jew. History (jointly with others) & numerous contributions to Encyclopaedias & learned periodicals (in Heb., English & German).
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TOUVAL, Saadia; Assoc. Prof. of Pol. Sci., Tel-Aviv U.; b. 1932, Zagreb, Yugoslavia; to Israel, 1939; ed.: Harvard U., B.A., 57; Ph.D., 60; m.: Ayana Horovic; 3 s.: Ithiel, Amitai, Jonathan; publ.: Somali Nationalism, 63; The Boundary Politics of Independent Africa, 72; both edit. by Harvard U. Press; articles in prof. journals.
76 Hamarganit St., Ramat Gan.

TRAININ, Nathan; Assoc. Prof., Cancer Research, Dpt. of Experimental Biology, Weizmann I., 55-; b. Mendoza, Argentina, 1.1.1922; to Israel, 1949; ed.: Cordova U., M.D., 46; m. 1948; 4 d.; 1 s.; Medical Adviser, Isr. Cancer Assn; mbr: Health Cl., Min. of Health; edit. board, Israel Journal of Med. Sci.; Cl. of Intl Un. Against Cancer; Cl. of European Assn f. Cancer Res.; Intl Reference Center on Evaluation Methods of Diagnosis & Treatment of Breast Cancer (WHO); publ.: over 50 papers on mechanism of cancer induction, leukemogenesis, physiology of the thymus, influence of immunological factors in carcinogenesis.
Meonot Wolfson A, Rehovot.

TRAMER, Hans; Ph.D.; Rabbi; Gen. Secr., Irgun Olei Merkaz Europa, in Israel; editor, "M.B." of Irgun Olei Merkaz Europa; editor, Bulletin of Leo Baeck Institute; b. Germany; educ.: Jewish Theological Seminary and University, Germany.
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TRAUB, Wolfie; M.Sc.; Ph.D.; Prof. Struct., Chem. Dpt., Weizmann I. of Sci., 1960; X-ray crystallographer; ed. Capetown U. & London U.; b. 6.9.27, in Libau (Latvia); to Israel, 1960; m.: Gladys Sigman; 1 d.; 1 s.; res. assoc., Columbia U., 57-60; Visit. Prof.: Harvard Med. Sch., 68-69; H.U. Jer., 73; sci. contrib., concerning X-ray structure analysis of various biological compounds.
Weizmann Institute, Rehovot.

TREUMANN, Otto Heinrich; graphic designer, GVN, AGI; mbr: Netherlands C'tee, KKL; Acad. Cl. & advis., graphic design dpt, Bezalel Acad., Jer.; jury f. biannual Intl Art Book Prize, Isr. Mus., Jer.; b. 28.3.1919, Fuerth, Bavaria; ed.: Amsterdam Graphic. Sch., 35-36; Ams. New Art Sch., 36-40; m.: Jettie van de Velde Olivier; ch.: René, Babette Mireille Mirjam; p. mbr: Netherl. C'tee f. Hachsharah & Aliyah; Ams. Municipal Art Cl.; p. Chmn, Netherl. Scty, graphic designers; w. Resistance Mov., during German occup.; numerous design works f. indust. concerns, fairs, Netherl. P.O. (stamps design), El Al (house style), Ams. Jew. Hist. Mus. & f. many Jew. activities, Netherl.; one-man shows: Jerusalem, London, Ams.; gen. exhib., Ams. Munic. Mus., 70; recip: 5 Netherl. Poster awards; Vienna Poster Prize, 49; Ams. City, Werkman Pr., 47 & Duwaer Pr., 57; D.A. Thieme Pr., 60; Kalender Pr., Calcutta; David Roell Pr., 70; Knight, Order of Oranje-Nassau.
144 Vondelstraat, Amsterdam, Netherlands.

TRIFON, Raphael; Prof. of Econ. & Mngmnt, Technion Haifa (p. Dean, Fcty of Indus. & Mngmnt Eng.); Chmn, Govt. Comm. on Employment of Acad. Manpower, Isr.; b. 17.10.1928, Israel; ed.: H.U. Jer., 51-54, B.A. (Econ. & Statist.); London Sch. of Econ., London U., 54-57, Ph.D. (Econ.); m.: Tzeira Kashtan; s.: Joab; d.: Tamar; p. Head: Dpt. of Econ., Haifa U.; Econ. of Technol. Res. Centre, Technion; p. mbr of brd: Isr. Productivity Inst.; Haifa Munic. Theatre; p. mbr, Cl. f. Incomes & Productivity, Isr.; U.N. cnslt on indus. devel., Thailand & India; Sci. Dir., Eng. Econs Res. Inst., Isr.; Visit. Sci., M.I.T. Mass.; Visit. Prof.: U. of Newcastle, Australia; U. of Manitoba, Canada; mbr: Royal Econ. Scty, U.K.; Am. Econ. Assn; Inst. of Mngmnt Sci., USA; Operations Res. Scty of Isr.; publ. on choice of locations f. publ. amenities; models of wage bargaining; econ. theory of coop. enterprises; productivity & wages; town plann. techniques; transport. plann.; indus. integration.
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TROPE, Harry; Chemist (ret.); Pres., U.I.A. f. South Africa; b. in Lithuania, 6.1.1892; m.: Florrie Jacobs, May 1944; Vice Pres., S.A. Zionist Federation, Treasurer (hon.) S.A. Z.F.; chmn., gen. purposes & finance Comm. (52-68); p. acting chmn., JNF, 49; mbr. exec. comm. S.A. Z.F. & Poale Zion (37-); Pres., Poalei Zion South Africa; Mbr. A. C'tee of the WZO; dir., JNF charitable Trust, S.A.; Mbr., Transvaal Automobile Spares Clb.
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TROY, Abe; Eng. (ret.); p. bus. proprietor; Pres.: State Zion. Cl., 58-; W. A. Zion. Assn, 55-; Chmn, Keren Hayessod, 60-; Life Pres. & current. Vice-Pres. & Treas. of JNF (Pres., 45-60); mbr, W.A. Jew. Brd of Dep. (Pres., 60-62); b. 19.9. 1904, Riga, Latvia; in Australia, since 27;

ed.: scndry sch., Riga, 16-22; Eng. course, Arnstadt, Germany, 23-26; U. of West Austral. - Econ. & French, 64-67, B.A. (majoring French), 67; M.A. Thesis, 68-70; current Ph.D. Thesis on French Lit. (Zola & his Imagery), 70-; m.: Lina Leventhal; 2 d.; Pres., Perth Heb. Cngrn, 58-61; articles in local Jew. month. newspaper.
50 Carnarvon Crescent, Mount Lawley 6050, Western Australia.

TSANIN, Yeshayahu Mordekhai; editor-in-chief, "Letzte Nyess" (daily) & "Illustrirte Weltwoch" (weekly); writer; journalist; vice-pres., Jewish Writers' Assn.; mbr. Exec., Intl. Jewish Journalists' Assn.; Mbr., C'tee of Editors, Israel; mbr., P.E.N. Club; b. in Sokolow (Poland), April 1, 1906; m.: Debora Alter; 1 s.; to Israel, 1940; publ. novels: "Vivat Leben!" (1933); "Oyf Zumpiker Erd" (1936); "Artapanos Kumt Tsurik Aheim" (1966) also in Hebrew; "Fremde Himlen" (1968); "Complete Hebrew-Yiddish Dictionary" (1960); "Iber Shtain un Stock" (1952); "Tel Olam" (1964); "Vuhin Gait Japan" (1943); "Tsvishn Felker un Geter" (1964); Essays: "Shabesdike Shmuessn" (1957); "Oyf di Wegn Fun Yiddishn Goyrl" (1966); "Decadence Fun A Moshiah" (1967); "Darquey Hagoral Hayehudi" (1967); edited literary almanacs, etc.
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TSIDON-CHATTO, Joash; Mng. Dir & partner, Cyclone Aviation Products Ltd., 69-; b. Rumania, 28.11.1926; to Israel, '41; grad., Ecole Sup. de Guerre aer., Paris, 62; Haifa Nautical School, Technion (partly); mbr, scty of experim. test pilots; officers course, Hagana, 44; pilots course, I.A.F.; m. Raissa Shrira; ch.: Orna, Daniel, Ram; with Palmach marine unit, spec. mis. f. Alia B.; intell., sabotage, signals, etc. in Europe, Egypt, Cyprus, 45-47; 3 "illegal" immigrants' sailings (incl., "Tel-Hai," "Knesseth Israel"); c/o, Hagana, Cyprus camps, 47; entered industry, Mng. Dir., E. W. Bliss (Israel) Ltd., 66-68; publ.: Principles of electronics navig., 58; 15 papers on aviation matters & planning (classified) & many other articles on aviation & industry.
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TSOREF, Ephraim; writer, author; teacher (ret.); b. Poland, 1903; to Israel, 1925; ed.: Teachers' Coll.; m. Jaffa Zemach, 1925; d. Edna; p. dir., "Binor" — Institute f. Audio-Visual Aid-Films; publisher, "Binor" books; author of biblical commentaries to Joshua, Amos, Jeremia, Ezekiel; biographies: Ha'Baal Shem Tov; Hose Medinat Israel — Herzl; Rabbi Cook; Bialik; Tchernikovsky; Shai Agnon — The Man and his Work; stories f. children: Hatishbi, Roei Israel, Anshei Mofet, Gaviei Zahav, Gan Eden, Hasus Ve'rochbo, Megilat Juval, Mafteach Hapele; f. adults: Beacon in the Clouds (Bar Kochba story); Beshulei Syporet Ve'shira; Literature Prize, by Givatayim Munic.: mbr, Teachers' Un., Histadrut.
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TSUR (Tchernowitz), Jacob; Chairman, Brd. of Directors, Jewish National Fund, Head Office, Jerusalem, 1960-; b. Vilna, 1906; m.: Vera Gotlieb; 1 d.; 1 s.; educ.: Florence U., Sorbonne U.; mbr., editorial board, Zionist weekly "Ha'Olam", 29-48; Dir., French Dpt., later Information Dpt., Head Office, JNF; missions to Belgium, Greece, Bulgaria; representative of Jew. Agcy. in Egypt, 43-45; head, Relief Mission to Greece, 49; first Israel Minister to Argentine, Uruguay, Paraguay, Chile, -1953; Israel Ambassador to France, 54-59; Acting Dir. Gen., Ministry for Foreign Affairs, 59-60; mbr., Jew. Agcy. Exec. C'tee, head, Information Dpt., 60-61; Chmn., Zionist General Council (Actions Committee); Pres., Ibero-American Institute; published: "Shaharit shel Etmol" (Am Hasefer, Tel Aviv, 1965) also French edition, "Priere du Matin", Plon, Paris, 1967; "Sunrise in Zion" (Allen & Unwin, London, 68); "Ambassador's Diary in Paris" (Hebrew, Am Oved, 67); "Prelude a Suez" (Les Presses de la Cite, Paris, 68); "La révolte juive" (Plon, Paris, 70).
5 Mevo Yoram, Jerusalem.

TSUR, Zeev; farmer; mbr: brd of dirs, Isr. Electric. Corp. Ltd.; Isr. Lands Directorate; Directorate K.K.L.; secretariat of Hakibbutz Hameuchad & Haavodah Pty; Exec. of Histadruth Haovdim; b. 1911, Krinky, Poland; to Israel, 1931; ed.: Technion, Vilna; m.: Leah Hakhmi; 2 d.: Zafrira, Ivriya; co-found., mbr of Kibbutz Sdeh-Nahum, 37-; p. mbr of 3rd & 6th Knesseth (mbr of Finance & Frgn Security C'tees); Dep. Min. of Agric., 55-59; Pol. Secr., Achdut-Haavodah Pty, 62-67; deleg. to Zion. Congresses; p. mbr, edit. brd "Lamerchav" daily; articles in Lamerchav, Al Hamishmar, Davar, Mibifnim, Ot, Molad, Econ. Quarterly.
Sdeh Nahum, Mobile Post Gilboa.

TUBIN, Jehuda; mbr, kibbutz Beit-Zera, 31-; journalist, author; mbr of leading bodies, Mapam; dep.-mbr, Exec. of Z.O.; b. Kaunos, Lithuania, 5.8.1908; to Israel, 1931; ed.: Heb. HS in Kovno, U. in France; m. Shlomit Vulkan, 1935; 3 ch.; contrib. to "Al Hamishmar", "Davar", "Haaretz", "Betfutzot Hagola", "Hedim" (Hakibutz Haartzi), etc.; books: The Fathers of Marxism and the Jewish Problem, 54; On the Jewish Problem in the Sixties, 68; On the Jewish Problem on the Threshold of the Seventies, 70; Antisemitism — Factors and Forms, 71.
Kibbutz Beit-Zera, Doar Na Emek Hajarden.

TULCHINSKY, Samuel; First Dep. Gen. Manager, Bank Leumi Leisrael B.M., 72- (General Manager's Assistant, 64-65; Assist. Gen. Mng., 65-70; Dep. Gen. Mng., 70-72); b. 2.10.1911, Petach Tikvah; ed.: grad. Herzliah Gymn., Tel-Aviv, 29; m.: Hadassa Ostreicher; 1 s.; 1 d.; w. Jew. Brigade, 40-46; w. I.D.F., 48-50; recip.: Kaplan Prize, 70.
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TULIN, Anna Johanna von Lepel; communal worker; b. Berlin, 15.12.1903; ed.: publ. schools, Germany; m. Abraham Tulin, 1936; to USA, 1932; Vice-Pres., Lepel High Frequency Labs., 32-36; Chmn, Purchassing & Shipping of Hadassa, 41-46; Natl Treas. of Hadassa & Repres. of the Cl. of Voluntary Agencies under UNRRA, 46-50; Chmn, Natl Youth Aliyah, 50-53; Chmn, Natl Vice-Pres., Hadassa Med. Org. & mbr, Brd of Govnrs of the H.U., 53-57; Chmn, Natl Med. Center, 57-62 — Chmn of Finance & Budget, 63-66; Chmn of Wills & Bequests, 66-70.

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TUNICK, Stanley B.; Prof. Em., Accountancy, City Coll., City U., NY; CPA; lawyer; partner, Tunick & Platkin, CPAs; Dir. & V. Chmn, UJA, Gt. NY; Mbr, Natl C., JDC; ed.: City Coll., B.A., 19, M.B.A., 23; NY U., Ph.D., 38; St. Lawrence U., J.D., 28; m.: Mildred P. Superior; ch.: Andrew J., Richard D.; Chmn, Accountants' Div., UJA, 63 & Guest of Hon., 64; Isr. Bonds, 58 & G. of Hon., 59; G. of Hon., Fed. of Jew. Philanth., Acc. Div., 67 & Town Club Div., 71; Acc. Div., Einstein Sch. of Med., 72; Dir., Camp Loyaltown Inc.; Wallace S. Whittaker Found. Inc.; City Coll. Fund; Hon. Dir., Assoc. Alumni, C. Coll.; mbr: Natl Panel of Arbitrators, Am. Arb. Assn; Am. Acc. Assn; NY State, CPAs Scty (p. Dir., Treas. & V.P.); life trustee, Scty's Disability Insurance Trust; Chmn, C'tee f. Coop. w. Investment Bankers; co-auth.: Fundamental Acc. Theory & Practice; Accounting, 1-3; Cnslt Edit., Federal Tax Course; Collab. Edit., NY tax Course; aw., NY St., CPAs Scty, annual aw., 65; Commendation Medal, U.S. Army, 46; Distinguished Service Cross, NY State; City Coll., Phi Beta Kappa; Alumni Serv. Medal, 40; Townsend Harris Medal, Cl. Coll. Alumni; Bernard M. Baruch Alumni Medallion, 68; Beta Alpha Psi; Beta Gamma Sigma.

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TURETSKY, Morris; Rabbi, Western Synagogue, London W1; b. 22.1.1926, Manchester, England; ed.: Manchester - Jew. Sch., Central Gramm. Sch., Talmud. Coll.; Manchester U. & Leeds U. - M.A., Ph.D.; m.: Rachel Yodaiken; 5 ch.; Min., Sunderland Heb. Cong., 51-59; Rabbi, New Central Vilna Syn., Leeds, 59-70; Dayan, Leeds Beth-Din, 59-70.

49 Berkeley Court, Baker St., London N.W.1, England.

TURETZ, Moshe Yoachim; architect; Dep. Chief Arch., Public Works Dpt., in charge of govtl. hospitals planning, 65-; b. Berlin, 10.6.1925; to Israel, 1934; grad., Technion Haifa, 49; advanced studies — M.I.T., 53; Pratt Inst., Brooklyn (arch. & philosophy of art), 57-58; course of design & art, A.S.L., New-York, 57-58; m. Tzila Tzipkin; ch.: Joseph, Amir; member of kibbutz & "gafir" (Jewish Settlements Police), 1943-44; served IDF (Seren), 48-50; w. various archit. offices in Tel-Aviv; arch. S. Klein, New York; arch., central office, Public Works Dpt., -58; in charge of Terminal planning, Lod Airport, 1958-1962; chief of supervision team of Court of Law Building, T.A., 1962-65; mbr.: Ing. & Arch. Assn., Eng. Assn. Intl. Fed. of Hosps.; co-founder, M.I.T. Alumni Club in Isr.; profession tours (68, 71) sponsored by W.H.O. & Govts. of Germany & England; articles in profes. press; publ. (w. his late wife) a children book "Hidot Ve'shaashuim" & editor of permanent column, "Davar Le'eladim", 54-62; stories & articles in various weeklies; graphical works; part. in Arch. Drawings Exhibition, 59; Prize of aquisition, competition Zohara & Immanuel Memorial Bldg., Jer., 54; sec. Prize, compet. "Yad Le'banim" Bldg., T.A., 60.

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TURIN, Amos; Vice President El-Al (Admin. & Finance); b. in Warsaw, 1920; att. Technion, Isr. Ins. of Technology, joined the Air Force July 1940, serving 6 yrs; m.: Rachel; ch.: Erez, Ruth; 46, Secry., Haifa Bay Water Supply Co.; joined Israel Air Force (to Colonel) & then V.P. El Al (Operations); s. 1963, V.P.-Adm. & Fin.

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TURNER, Gabriel; Dir., "Tour Ve'Aleh — The Tourists Settlement Bureau, 68-; b. Israel, 9.9.1926; acad. & military educ.; m. Beky Lalo, 1954; 2 d.; 1 s.; cert. acc. Russel C., 1942-1946; Secretary, Lod Airport, in charge of security on behalf Hagana, 46-48; w. IDF, 48-62 (in various capacities, on behalf Min of Def., 51-62: Air Attaché in Western Europe, Israel Embassy in Paris, 58-62); worked f. various banks. i.a. Foreign Trade Bank, Discount Bank, International Credit Bank of Genève, 62-67; Dir. Gen., I.R.D. Comp.; mbr brd of dirs., Food Business Group, 68-70; missions — on behalf Prime-Min. Office, 62-67; Jewish Agency, 68-70; specialized & active in all branches of production & marketing; publ., on military topics; award. Officer de la Legion d'Honneur, by French Govt.

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TUVIN (Zarwitz), Sarah; mbr, Natl Brd of Hadassa (p. Pres. of Baltimore Chapter & p. Pres. of Seaboard Region); b: Baltimore, Maryland, 15.9.1908; ed.: Publ. School; grad. Eastern HS; m. Alfred L. Tuvin, 1931 (dec. 1966); s.: James H., Carl N.; before marriage, dpt. store exec., traveled extensively in US, Orient, S. America, North Cape, incl. Norway, Sweden, Denmark, Finland; 9 trips to Israel; active within the Jewish Community, Women Div. of U.J.A., Beth Tfilah Sisterhood, etc.; past National Chmn. of Hadassa Winter Residents Program, Miami Beach, Fla., etc.

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Technion Haifa, B.S. (El. Eng.), 55; Weizmann Inst. of Sci., Feinberg Grad. Sch., Ph.D. (Physics), 66; m.: Lisette Schapira; d.: Vered; post-doctoral fllw, Harvard U., Cambridge Mass., 67-69; 23 publ. in sci. journals on phys. & chem. phys.
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TZOUR (Lieberman), Michael; Chairman. Brd. of Dirs.. Zim Israel Navigation Company Ltd., 65-69; Mng. Dir., The Israel Corporation Ltd.. 1969-; b. Germany, May 1, 1923: m. Ruth Beinhaker; 1 s.: 1 d.: educ.: T.-A. U. (Law): to Israel. 1934; w. Ministry of Commerce & Industrv. 51-53; Dep. Controller of Foreign Exchange. & in charge of financing imports and exports. Ministry of Finance, 53-55; Director of Foreign Trade, Min. of Com. and Ind., 55-58; Director General Ministry of Commerce and Industry. 58-65.
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UCKO, Sinai; M.A.; Ph.D.; Prof., Dpt. of Education, Tel-Aviv U.; mbr., editorial board, "Iyun" (philosophical quarterly); b. Germany, 1905; 1st marriage: Ruth Loew (dec.); 2 d.; remarried Renate Ullman; ed.: Vienna, Breslau & Koenigsberg U-ies; Hochschule fuer die Wissenschaft des Judentums, Berlin; p. principal, Eliezer Shein's Teachers' & Kindergarten seminary; Henrietta Szold Price, Jerus., 68; Educ. Price, T.-A., 71.

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UDELL, Jerome I.; mergers & acquisitions specialist, self employed; b. 23.1.1898, N.Y.C.; ed.: City Coll., B.A. (Cum Laude), 1918; Phi Beta Kappa; Trustee: Beth Israel Med. Center, 31-; Fed. of Jew. Philanthropies; Vice Pres. & Trust., U.J.A., 58- (Gen. Chmn, UJA of N.Y., 48-54); Dir.: Un. Serv. f. New Americans; Am. Jew. Joint Disstrib. C'tee; Pres., City Coll. Fund, 62-63; m.: Sophie Spector; 2 d.: Edith Fierst, Helen Lowenstein; recip.: Alumni Serv. Medal from Assoc. Alumni of the City Coll., 47; Townsend Harris Aw. from City Coll., 54; Phi Epsilon Pi Alumni Award, 58; City Coll. Centennial Medal, 64.

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ULLENDORF, Edward; Prof. of Ethiopian Studies, London U., 64-; b. 25.1.1920; ed.: H.U. Jer. & Manchester U., M.A.; Oxford U., D. Phil.; Fllw, Brit. Acad.; m. Dina Noack; served Brit. Mil. Govt., Eritrea & Ethiopia, 42-46; Assist. Secr., Palestine Govt., 47-48; reader in Semitic Lang., St. Andrews U., 50-59; Prof. of Semitic Lang. & Lit., Manchester U., 59-64; Schweich Lctr., Brit. Acad., 67; Chmn: Assn of Brit. Orientalists, 63-64; Anglo-Ethiopian Scty, 65-68 (Vice-Pres., 69-); Pres., Scty. f. Old Testament Study, 71; Joint Edit.: Studies in hon. of G.R. Driver; Ethiopian Studies; Journal of Semitic Studies, etc.; publ.: many books & articles in Semitic Lang. & Ethiopian Studies, i.a. The Semitic Languages of Ethiopia, The Ethiopians, etc.; recip.: Imperial Ethiopian Gold Medal, 60; Haile Selassie Int. Prize f. Ethiopian Studies, 72; Hon. D. Lit., St. Andrews, 72.

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ULLMAN, Irma; Governor: Technion, Israel Institute of Technology, Haifa; Weizmann Institute of Science, Rehovot; Oversser, Albert Einstein College of Medecine, New-York; b. Hamburg, Germany, 1905; married, Siegfried Ullman, 1926.

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ULLMAN, Jacob W.; Pres., Am. Technion Scty, 69-71; mbr, Brd of Dirs: America-Israel Cultural Fndn, Haifa U. Fndns; mbr, Brd of Govnrs, Weizmann I.; b. New-York City, 12.8.1927; ed.: New-York U., B. Ch. E.; U. of Michigan, M.S.E.; Technical Assist. to Vice-Pres., Union Carbide Corp., 67- (Asst. to Vice-Pres., 50-); w. Oak Ridge Natl Lab., 50-66.

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ULLMAN, Theodor David; M.D.; Prof. of Med.; Head, Nephrological Service, Hadassah-University-Hospital; b. Wuerzburg (Germany), April 28, 1908; married: Lisa Findler; 1 s.; 1 d.; to Israel, 1934; postgraduate studies in New York (Montefiore

Hosp. & Mount Sinai Hosp.), 49-50; research activities mainly in kidney and electrolyte physiology, hypertension, metabolic disorders, etc.
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UNGAR, Benjamin; Chief Cantor, Great Synagogue, T.-A., -71; Pres., Cantors Org. in Israel (66-); born Yaslo, Austria, Sept. 24, 1907; relig. & secondary & musical educ.; to Israel, 1938; m.: Henni Handler; 2 d.: Miriam (Tauber), Varda; att. Magdeburg Conservatory. 1926; was active in local Zion. life & for Aliat Hanoar; p. mbr. Hagannah, serv. IDF,; several concert tours abroad; recordings; recitals over Kol Israel, etc.
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UNGERFELD, Moshe; author, journalist; Dir., Bialik House, Tel-Aviv; b. Poland, 10.3.1898; to Israel, 1938; ed.: relig. school; Teachers' Training Coll. & Rabbinical Smnry, Vienna; Vienna U. (phil., lit. & semitic languages); p. Officer, Austrian Army (POW in Russia, 1st World war); books: "Vienna"; "Shir Hashirim al Bialik"; "Haim Nachman Bialik"; articles & essays, monographs, on prominent Jewish & non-Jewish personalities; p. leader, "Hitachdut", zion. movt. in Vienna, f. 50 years; served as corresp. f. many papers & periodicals in Eretz-Israel, USA & Poland: "Hajom", "Hazefirah", "Hed Lita", "Baderech", "Haint", "Lemberger Tagblat", "Der Morgen", "Hadoar", "Haolam", "Wiener Morgenzeitung", "Die Stimme", "Die Neue Welt"; "Haaretz", "Davar", "Haboker", "Hamashkif", "Herut", "Lamerchav", "Al Hamishmar", "Hapoel Hatzair", "Giljonot", "Moznaim", "Hajom", "Gazitt", "Hazofe", "Zmanim", "Hasifruit", "Maasef", "Genazim"; from early age active in zion. orgs & promoting Heb. language study; partic. at World Zion. Congresses.
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UNNA, Moshe; p. M.K. (Natl. Rel. Pty.); agriculturalist; b. Mannheim, Germany, Nov. 22, 1902; m. Sabina Guttmann; 2 s.; 5 d.; educ.: Agricultural Coll., Berlin; Hildesheimer Theological Seminary, Berlin; to Israel, 1927; delegate to World Zionist congresses and foreign missions; mbr., exec. c'tee, Hapoel Hamizrahi, 42-49; mbr. of 1st, 2nd, 3rd, 4th, 5th & 6th Knesset; chmn., Legal C'tee of the Knesset, 52-56, 61-69; Chmn, Cl. f. State Rel. Ed., 55-56, 67-; member, board of dirs, JNF, 70-; articles in various periodicals & relig. press; publ.: "Bishvilei Hamachshava Vehama'ase"; "Shutafut Shel Emet"; "Bisde Hachinuch Ha'Dati"; "Israel Ba'Umoth".
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UNTERMAN, Issar Yehuda; p. Isr. Chief Rabbi; b. Brisk, Lith., 1886; s. Eliahu and Sheine (Fisher); attended; Brisk, Mir, Meltch Yeshivas; ordained Rabbi, Rabbi Volozin Yeshiva; m. Rachel L. Yellin; children: Avraham, Yaacov, Mordechai, Baruch, Elhanan, Zvi, Ester; settled in Pal., 1947. Chief Rabbi (Ashkenazi) of Israel, since 1964, Chief Rabbi, Tel Aviv-Jaffa and Dist., 47-64 and pres. of the Rabbinical Courts in Tel Aviv, since 1955; member, Chief Rabbinate Council; headmaster, Vishonova Yeshiva, 1930. Member: World Mizrachi; central comm., formerly: pres., JNF and Keren Hayesod, Liverpool, Eng., vice-pres., Gt. Brit.; member, Jewish-Christian anti-anti Semitism Comm. in pro-Nazi Germany; author: "Shevet Meyehuda", 1955; contributor to Heb., Yiddish and Eng. press.
Home: 21, Keren Hayesod St., Jerusalem. Office: Chief Rabbinate, Jerusalem.

URBACH, Ephraim Elimelech; Ph.D.; educator, author; head, Instit. f. the Science of Judaism; mbr, Natl Academy of Israel; mbr, Academy of the Hebrew Language; Prof., Talmud, Midrash; b. Wloclawek (Poland), May 26, 1912; educ.: Rabbinical smnry; Breslau U., Rome U.; to Israel, 1938; p. teacher, Hebrew College, Jerusalem; army chplain, 42-45; principal, Maale High School, high school supervisor, Ministry of Education, 55-56; author of "Etudes sur la litterature polemique au Moyen-Age"; "Die Staatsauffassung des Don Isaak Abarbanel"; "Baale Hatossafot" etc.; award, Israel Prize, 1956.
22 Hativonim St., Jerusalem, Tel. 32874.

URIEL, Gila; Dir., Org. & Training Divis., Tel Aviv Municipality; b .23.1.1913, in Cracov; to Isr., 1924; grad., Herzlia Coll.; High School of Law & Econ, T.A.; Lond. School of Economics, Oriel Coll., Oxford and Cambridge; fllw, UNPA, RIRA, London; mbr, Poetry Assn; p. Secry to the Mayor of Tel-Aviv (late M. Dizengoff), 32-36; Secry, Mayors' Off. (late I. Rockach), 36-53; p. chief-instr., Institute f. Pbl Administration, 46-56; co-edit., "Hamin'hal" quarterly, 50-60; mbr., edit. brd., "Netivey Irgun Umin'hal", 60-; mbr., Intl I. of Adm. Sciences, Brussels; lecturer on problems of admin. & human relations; publ.: "The Secretary", 42; "Office Administration", 59, 62, 63; also poetry translations (Heine, etc.) & broadcasts on poetry in Kol Israel, BBC., etc.; co-ordinator, 1st joint Efficiency Board, Council of Local Govt., Israel.
9, Prague St., Tel Aviv; tel. 242717.

USSOSKIN, Moshe; p. Dir. Gen. & Treasurer, Keren Hayesod; mbr, Brd of Dirs, Hevrat Hachsharat Hayishuv; Jerusalem Economic Corp.; Tel-Aviv Development Co., etc.; b Mohilev (Russia), March 8, 1899; m. Miriam Griner; 1 d.; educ.: Cernauti (Bukovina) U.; co-founder, mbr, Presidium Zeirei Zion, Soroki District, Bessarabia, 1917; representative J.D.C. and J.C.A. in the Balkans, Turkey, Hungary, & dir. of Central Bank for Jewish Co-operative Societies in Rumania, 28-41; organized relief work for refugees, in Rumania & other countries; to Israel, 1941; articles on co-operative credit & on general economic & Jewish topics.
16 Arlosoroff St., Jerusalem.

UZAN, Aharon; Gen. Secr., Tnuat Hamoshavim, 70-; b. Tunisia; m. Jenny; ch.: Shlomo (fallen at Suez Canal, 71), Amos Yo'av, Iron, Rumia; to Israel, 1949; worked as jeweller in his home town; co-founder,

settler, Moshav Ghilat in Negev, 1949; labourer, building work; app. secr. of the Moshav, later prom. to head the supply network ("Irgun Ha'knyiot") f. the Negev; M.K. (Labour), 65-69; Dep. Min. of Agric., 66-69; mbr, Secr. & C.C., Labour Pty; Pres.: "Irgun Hakeniot", Negev Settl. Dev. Corp., Negev Econ. Club; mbr brd, Bank of Agriculture.

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UZIEL, Baruch; advocate; p. M.K., 5th & 6th Knesseth; p. mbr, Educ. & Services C'tees, 61-65; Chmn, Cl., Recanati Parents' Home; b. Salonica, 1901; m. Medy Semo; 1 s.; 1 d.; educ.: Teachers' Training Smnry; p. active in immigration of Saloniki seamen to Haifa; p. member of Vaad Leumi publ.: "The Periphery Alliance", a study on the possibilities of an Israeli alliance with non-Arab nations in the M.E. area; research in Sephardic folklore; particip., Madrid congress, on ancient Spanish language; p. Dep. Grand Pres. B'nai Brith; Pres. Greece Immigrants' Org.

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VADNAI, Georges Joseph; Chief Rabbi, Lausanne, Switz.; b. 23.7.1915, Goedoelloe, Hungary; Isr. Theol. Lehranstalt, Vienna; Fcty of Phil., Vienna; École Rabbinique, Paris, 39-42; ordained Rabbi; 42; Sorbonne, Paris, Ph.D., 51; m.: Anne-Laure Braunschweig; 2 s.: Gabriel, Raphael; secr. gen., Wld Un. of Jew. Students, Paris, 46-48; p. mbr C.C.: Zion, Youth of France; Zion. Fed. of Switz.; p. Rabbi, Lyon, France.
2 Chemin de Lucinge, Lausanne, Switz.

VAGO, Tibor; M.D., obstetrician & ginecologist; Head, Dpt. of Obstet. & Ginec., Ashkelon Govt. Hosp., 61-; b. Uzhorod, C.S.R.; to Israel 1949; ed.: Charles U., Prague; m. Stephania Hendel, M.D., M.P.H., 1949; p., Dpt. of Ob-Gyne, Scottish Hosp., Tiberias; p. Assist. Head, Ob-Gyne Dpt., Assaf Harofeh Govt. Hosp., Zrifin; mbr: Isr. Med. Assn, Isr. Scty of Obstetrics & Ginecology, Isr. Assn f. Research in Fertility; Intl Scty f. Clin. & Experim. Hypnosis, Intl Coll. of Surgeons; 17 sci. articles in his field publ. in med. journals: Gynaecologia (Basle), British Journal of Nutrition, Obstetrics & Gynecology, Harefuah, Journal of Obst. & Gynec. of the British C'Wealth.
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VAINSTEIN, Yaacov; Rabbi; M.A., Ph.D.; Chmn, Relig. Cl., Jer., 68-; b. Vitebsk, 15.12.1915; to Israel, 1948; ed.: Yeshiva, Jer.; U. Glasgow; m. Ziporah Groskopf, 1942; s. Dov; d.: Beila, Nava; Chmn: Ramot Shapira World Youth Acad.; Relig. Olim Assn; mbr: ed. c'tee, Isr. Zion. Cl.; C.C., Natl Relig. Pty; p.: Rabbi, Glasgow; p. Principal Rabbi, Port Elizabeth, S.A.; p. w. J.A., Jer.: Dep. Dir., Dpt. of Immigration; Dir., Dpt of Torah Educ.; p. Vice-Pres.: Mizrachi Fed., J.N.F. & Natl Vice Pres., Standing Confer. Jew. Youth — all in U.K.; p. Pres., Hapoel Hamizrachi, S.A.; p. mbr, "Beth Din," Johannesburg; p. mbr, Zion. Cl., S.A.; p. w. Chaiplaincy Dpt., IDF; publ.: "Cycle of the Jewish Year", book on Jew. prayers & festivals; contrib. to "Rebirth of Israel"; articles on educ., youth, Zion & gen. Jewish subjects, in periodicals in various languages.
5, Keren Hayesod St., Jerusalem; Tel. 228514.

VALERO, Aaron; M.D.; Prof. A. Khoushy Sch. of Med. in Haifa, Isr. Inst. of Technol., 72-; Chmn., Isr. Scty. of Internal Med., 73-; spec. in Internal Med., Cardiology Respiratory Physiology; Head, Dpt. of Med. & Cardiorespiratory Res. Lab., Rambam U. Hosp. Haifa, 57-; b. Jer 13; ed.: Heb. Gymn., Jer.; Birmingham Med. Sch., M.B., Ch.B., 38; m. Miriam Shaposhnik, 1941; s. Ron; d. Amira; served in RAMC, 41-46; w. IDF, 48-49; specialised in England & USA; Chairman Curriculum Committee, A. Khoushy School of Med., Haifa, 69-; publ.: Introduction to Clin. Med. Handbook of Med. Students, 69; Fundamentals of Electrocardiography, Handbook for Med. Students, 71; 65 papers & sci. works, in med. journals in Israel & abroad.
3, Yair Katz St., Haifa; Tel. 81580.

VALERO, Haim Aron; LL.B.; M.A.; advocate; Barr. at Law; member, C.C. Israel Bar Assn, 60-69; mbr, Isr. Govt. Civil Serv. Comm., 68-71, Govt Tribunal & C'tees; Chmn, Landlords Assn, Jerus.; p. mbr Ha-

gannah Command, and Millit. Gov. Cl., Jerus., 48; Distr. Gov., Lions International, 64-65; Pres., Lions International Club, Jerus.; mbr, Central C'tee, Israel-Am Socty; p. Pres., Hagannah Lodge, Bnei Brith; b. Jerusalem, Aug. 3, 1914; m. Atara Golombek; 2 d.; 1 s.; educ.: Perse School, Cambridge; St. John's College, Cambridge U.
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VALEVICI, Abraham; bus. exec. (construction); pres., B'nai B'rith "Oriental", Montevideo; mbr, various Zion. & local public orgs.; vice-treas., Old Aged Home; b. 7.9.1911, Edinti, Bessaraby; **ed.: Yeshiva** & HS; m.: Rita Kirmayer-Gottesmann (1st vice-pres. of "Hatikva" B.B., Uruguay); s.: Harry David, Ing.; d.: Melly, B.A. Med.; pres., Jew. Community & Zion. Org., Bolivia, **-53; pres.,** B'nai B'rith, Uruguay, 71-73; p. bus. in industry & import.
2780/8 Bulevar Espana, Montevideo, Uruguay.

VAN DEN BERGH, Sidney James; industrialist; Chmn, Netherlands Cl. f. Trade Promotion, 68-; Hon. mbr, Netherlands Liberal Pty; b. 25.10.1898, Rotterdam; ed.: grad. Rotterdam Sch. of Econ.; Dir., Unilever N.V. and Ltd., 29-59 (Vice Pres., 54-59, 59-63); served Royal Netherlands Army (as Major General), 43-45; Netherlands Min. of Def., 59; mbr, Netherlands Senate, 62-71; leader, Netherlands deleg. to Isr. P.M.'s 3rd Econ. Confer., 73.
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VAN DER HAL, S. J.; Physician; Chmn, Dutch Zionist Org.; mbr brd, Jewish Community; b. 3.11.1911, Netherlands; att. U. of Amsterdam (MD); Secr., Confederation of Gen. Zionists; mbr Brd of Deputies, Netherlands; mbr brd, Jewish Social Work.
96, Sarphati Straat, Amsterdam.

VARDI, Arie; LL.B.; pianist; Vice Dir., Rubin Music Acad., T.-A. U.; b. Tel-Aviv, 1937; educ.: Tel-Aviv Music Academy & Hebrew U.; winner of Israel Chopin Competition, 1959; Enescu Intl Competition, Bucharest, 1961; granted Solistendiplom (Switzerland's highest musical honor); many concerts in Europe and in Israel.
6, Urim St., Neot-Rachel, Holon.

VARDY, Itzhak; Eng. C.I.; p. Dir. of Lod Airport, 70-71; b. Kiev, 19.2.1919; to Israel, 1943; ed.: Technion, Haifa; Ecole Nationale d'Aviation Civile, Paris; m.; p. Chief Eng. of Airports, Min. of Transports; mbr, C.C. of Labour Pty; 71: app. snr off., Civil Aviation, Minister of Transports.
8, Dror St., Jaffa.

VARDY, Peter A.: pediatrician; M.B., B.S. (London), 49; D.C.H. (London), 53; Head, Dpt. of Pediatrics, Ashkelon Govt. Hosp., 61-; b. London, 24.9.1926; to Israel 1953; 4 ch.; mbr: Scientific Council of I. M.A., Clinical Pediatric Club.
33, Ha'atzmaut St., Ashkelon.

VARDY-ZER, Uzi; economist; Mng. Dir., Carmel Mortgage & Investment Bank Ltd.; Dep. Director General & Secretary Gen., "Tefahot" Israel Mortgage Bank Ltd., 69-; b. Haifa, 1.11.1938; ed.: H.U. Jer., grad. Econ., Intl Rel. Bus. Mngmnt; qualified as Costing Accounting, Isr. Inst. of Productivity; m. Ayalah; d. Smadar; s. Saar; p. Inspector, Bank Leumi; p. economist, development Office; p. w. State Comptroller Office, in charge of the Govt. Corp. Dpt.
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VARZAGUER, Jaime; educator, journalist, author; headmaster, Shalom Aleichem Sch., Montevideo (gen. secr.); mbr: secr. of Zion. Labor Movt.; Cult. C'tee of Jew. Commty (Ashkenazim), Montevideo; Zion. Executive, Jerusalem; b. 20.4.1911, Chelm, Poland; ed.: Cheder; Yeshiva (Lublin); Teachers Smnry, Vilna; m.: Esther Szroit; 1 d.; p. secr., Polish Jew. Assn; p. gen. secr.: Achdut Haavodah; Mutualista Israelita del Uruguay; counsel Kehila, f. 12 years; deleg., WZC's; lctrs on Jew. lit., hist. of Zion. Labor Movt. & Poalei Zion; mbr, Circulo de la prensa del Uruguay; author: Sixty Days in Medinat Israel, 65; contrib. to "Haint", Montevideo; "Undzer Wort", Buenos-Aires; "Naje Welt" & „Folksblatt", Israel; articles in "Hachinuch", Isr. hons: from Educ. C'tee, Uruguay, 54; "Golden Book" of KKL, 55.
2548/3 Dr. Martin C. Martinez, Montevideo, Uruguay.

VENEZKY, Julian B.; Attorney; Natl Chairman for Regions, State of Israel Bonds; b.: Bridgeton, New Jersey, May 16, 1909; educ.: U. of Maryland; George Washington U., Law School; m.: Madelynn Levinson, November 9, 1942; ch.: Gail, Linda; Secretary-Treasurer, Capital for Israel; Secretary-Treasurer, Israel Investors Corporation; Brd of Governors, Hebrew University of Jerusalem; Chmn of Brd., Am. Friends of H. U.; Secretary-Treasurer, Am Friends of Israel; Chmn., Finance Committee, Board of Governors of Hebrew U.; President, St. Francis Hospital of Peoria; Chairman, Peoria Citizens' Committee for Quality Education; First Chairman, National Campaign Cabinet, United Jewish Appeal; First Chairman, National Executive Committee, State of Israel Bonds.
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VERED-WEISS, Yaacov; mech. eng.; Technical Mng, Timna Cooper Mines Ltd.; b.: 23.12.1911, in Germany; educ.: Manheim Techn. Sch., Heidelberg U.; to Israel, 1933; in charge equip. maintenance, coop. publ. transport, 34-41; w. British Army, captain REME, 42-46; on mission in Europe, Hagannah, 47-48; IDF Ordnance Corps, Lieut.-Col., 48-54; mng phosphate mines Oron, Neghev, 54-59; studies in USA, 59; eng. Timna, 59-60; head, Israel Mines div., Tel Aviv, 61-63; techn. mng. Timna, 63-71; Chief Eng. & Mng. Dir. Designate, Water Resources Develop. Intl Ltd., Kampala, Uganda, 71-.
Batey Berman, Eilath.

VERHAGE, A.J.; Dr.; Chmn, Gen. Mng. C'tee of Cooperative Centrale Raiffeisen-Boerenleenbank G.A. (top-org. of about 1200 local coop. mbr banks), 70-; b. 23.12. 1908, Vlissingen (Flushing); ed.: scndry sch., Vlissingen; Sch. of Econ., Rotterdam; m.: W.J. Kruymel; 1 d.; Assist. Secr., Royal Gen. Netherlands Bulb Growers Scty, Haarlem, 31-35 (Chmn, 36-46); p. Chmn: Flower Bulb Surplus Fund; Commodity Brd f. Flower Bulbs, Cut Flowers & Nursery Stock; Nether. Flowers Growers Cl.; Nether. Hortic. Cl.; mbr, Cl. Intl Assn of Hortic. Producers; Cooperative Centrale Raiffeisen-Bank - mbr of Supervising Cl., 48-62; mbr of Brd, 62-70; Pres., 63-70; awarded: Knight Order Netherlands Lion, Off. Order of "Oranje Nassau", Off. Order of the Crown of Belgium, Off. Order of Vasa (Sweden), Off. "Merite Agricole", Gold Nicolaas Dames Medal.
33 Beneluxlaan, Utrecht, Holland.

VERNIER von MEISSNER, Rose Eva; designer, Royal milliner; b. 13.11.1902, Ludenburg, Austria (mained name: Verner); m.: F. von Meissner (dec.); owner, leading fashion house, Vernier Modelhats, London; active f. H.U. Jer., Ort Israel, etc.; broadcast. & TV, on fashion.
33 Great Cumberland Place, London W1, England.

VIGEE, Claude A.S.; B.A., M.A., Ph.D.; Chevalier de l'Ordre National de Merite; Palmes Academiques; Fellow J.S. Guggenheim Foundation, N.Y.; prof., Modern French Literature, Hebrew U. 1961-; b. 3.1.21, France; m.: Evelyn Meyer; 1 s.; 1 d.; educ.: Strassbourg, Caen, Toulouse & Ohio State U-ies · Asst. Prof. of French, Ohio State U.; Lecturer in French Lit., Wellesley College; Prof. Brandeis U.; visiting Prof., Hebr. U., 60-61; author of "La Lutte avec l'Ange"; "La Corne du Grand Pardon"; "L'Ete Indien"; "Canaan d'Exil"; "Le Poeme du Retour"; "Les Artistes de la Faim" (studies); "Revolte et Louanges" (essays); "Moisson de Canaan", 67; "La Lune d'Hiver"; "Le Soleil sous la mer", 71.
27 Ben Maimon Blvd., Jerusalem.

VILENTCHUK, Lydia; Dipl. Ing.; Head, Div. of Training and Publications, Center of Sci. & Tech. Information, Natl Cl. f. Res. & Dev.; b. Moscow, 1907; m. Isaac Vilentchuk; 1 s.; ed.: Technische Universitaet, Berlin-Charlottenburg; London U. Coll.; to Israel, 1933; Civ. Eng., 33-46, with interruption 40-45, Officer in A.T.S.; Inform. Officer & Head of Lib., Assn. of Engrs. & Arch. in Israel, 46-61; Head, Div. of Documentation, Center of Sci. & Technol. Information NCRD, 60-71; Lctr. Grad. Lib. School, H.U., 56-69; Adv. & Lctr., Technion Foundation Extension Courses in Librarianship, 59-; Program Dir., Grad. Course in Information Sci., CSTI and Weizmann Inst., 70-; Chmn, Examination C'tee, Israel Lib. Assn. 63-69; Examiner, Israel Lib. Assn. professional examinations, 65-; Chmn, Israel Scty of Special Libraries & Information Centers — ISLIC, 66-; publ.: articles, papers on documentation topics, in local and foreign periodicals.
19, Ha-zayit St., Tel-Aviv.

VILNER, (Kowner), Meir (Ber); M.K. (Communist Party of Israel — Election List: Rakach), General Secretary; b. Vilnius, 23.10.1918; educ.: Hebrew High School, Vilnius; Hebrew U., Jerusalem.
12, Geula St., Tel-Aviv.

VINCZE (Kraus), Ilona; pianist; teacher, practical & theoretical pedagogy; mbr., acad. council & pedag. comm., Isr. Acad. of Music Prof. of Music, Fcty of Arts & Comm. (Tel Aviv U.); soloist, I.P.O.; b. Budapest, 14.12.02; m. Dr. L. Vincze; 1 s.; educ.: high school, Budapest; Royal Hungarian State Academy of Music, Budapest; Asst. teacher, Royal Academy of Music, Budapest, 24-36; to Israel, 1936; awarded Liszt Prize, 1922; Senn Prize, 24; Herzl Prize, 73.
5, Hakidmah St., Nof Yam, Herzlia.

VINCZE, Laszlo; Dr. Jur.; cellist; teacher; retired; free lance soloist; member of the academic council, Israel Academy of Music, Tel Aviv U.; p. director & member of board, Isr. Conservatoire of Music, Tel-Aviv; co-founder, Isr. Phil. Orchestra; b. Budapest, May 23, 1904; m. Ilona Kraus; 1 s.; educ.: Budapest U., Acad. of Music, Budapest; law practice, Budapest; concert tours; to Israel, 1935; mbr Isr. Phil. Orch., 36-; mbr, Isr. Acad. of Music, 45-.
5, Hakidmah St., Nof Yam, Herzlia.

VINEBERG, Philip Fischel; Q.C.; lawyer, Phillips & Vineberg; Dir.: Multiple Access Ltd.; Fairview Corp.; Bruck Mills Ltd.; Supersol Ltd.; Montreal Isr. Bond C'tee; Canadian Friends of Technion; U.S.-Isr. Tax Fndn; Vice-Pres., Can. Friends, Alliance Israélite Universelle; Chmn, Can. Brd of Overseers, Bar-Ilan U.; Gvnr, YM-YWHA; Trustee Jew. Gen. Hosp., Montreal; Pres., Can. Chptr of Intl Fiscal Assn; b. 21.7.1914, Mattawa, Ont.; ed.: Strathcona Acad.; Mc Gill U., B.A., M.A., B.C.L.; École Libre des Sci. Pol., Paris; m.: Miriam Schachter; ch.: Robert S., Michael D.; Econ. Cnslt, W.P. T.B., Ottawa, 42-46; lctr: Sir G. Williams Coll., 36-39; McGill U., 39-67; mbr: Fed. Conciliation Brds, 58 & 60; Batonnier Montreal Bar, 69-70; Chmn, Can. Tax Fndn, 66-67; V. Chmn, Exec. C'tee, Province of Quebec Bar, 67-70; p. Fllw, Brandeis U.; Fllw, Bar-Ilan U.; auth., "The French Franc & the Gold Standard"; chpts in, F.C. James' "Money Credit & Banking", "Studies in Canadian Company Law"; co-author, Report on Taxation & the Arts f. Canada Cl.; articles in legal & financial journals.
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VINOGRADOW (Miller), Eugenia; LL. M.; Judge, District Court, Haifa, s. 70 Relieving Pres.; b. Lithuania, 27.11.1910; m. to Daniel Vinogradow; 1 d.; Raya; education: Law Faculty, Krakow University, Poland; to Israel, 1935; passed frgn adv.

exams, Jerusalem, 37; received licence, 39; private practice, Tel Aviv, -48; app. first woman magistrate in Israel, 48-; Chief Magis., 53-; District Court Judge, since 1.5.53.
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VIRSHUBSKI, Mordechai; lawyer; City Attorney of Tel-Aviv, 66-; b. Leipzig, 10.5.1930; ed.: Herzlia HS; H.U., Jer.; m. Viola Israel; s.: Gavriel, Rafael; p. Legal Advisor, Isr. Water Commission; mbr: Isr. Water Board; Adv., Brd of Am. Israel Cultural Fndn; p. adv. on water legislation & administration, to Peru, Columbia, Brazil, Nicaragua, Iran.
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VITAL, David; Prof. of Pol. Sci., U. of Haifa; b. 10.4.1927, London; to Israel, 1934; ed.: New Coll. & St. Antony's Coll., Oxford; m.: Alisa Waxman; 2 d.: Tamar, Ruth; 1 s.: Adam-Elie; served in Min. of Frgn Affs & P.M.'s Office, 54-65; lctr, Intl Relat., U. of Sussex, 66-68; Prof. of Pol. Studies, Bar-Ilan U., 68-72; Visit. Prof.: U. of Calif., L.A., 69; H.U. Jer., 69-70; auth.: "The Inequality of States", 67; "The Making of British Foreign Policy", 68; "The Survival of Small States", 71; "Medinot Ketanot be'Mivkhan Hakiyum", 72; etc.; recip.: De Osma Studentship, Oxford U., 52.
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VITALE, Reuven; Mng. Dir., Vitalgo Ltd.; mbr, Exec. Cl. of Manufacturers' Assn of Isr.; b. 5.3.1939, Italy; to Israel, 1950; ed.: H.U. Jer., B.A. (Soc. Sci.); m.: Carmela; 2 ch.; mbr: C.C., Liberal Party (Gahal); brd of dirs, "Merkazei Tayarut Le'Israel"; publ. repr. at Courts f. Lab. problems & Natl Water Cl.
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VITERBO, Carlo Alberto; Dr. Jur.; edit. & dir., Italian weekly "Israel", 44-; Hon. Pres.: Ital. Zion. Fed.; Ital. Keren Hayessod; b. 23.1.1889, Firenze; m.: Nella Uzielli; s.: Guiseppe; auth.: Elef Milim - Ital.-Heb. Dictionary; Una via verso l'ebraico (Heb. lessons).
1 Largo Don G. Mozosini, Rome, Italy.

VOET, Joseph; Honorary Consul of the Nettherlands at Tel-Aviv; p. Secr. Gen. (69-70), Isr. Natl. C'tee of the Intl. Chamber of Commerce; b. Amsterdam, 16.4.1909; m. Geirda Haalman; 2 s., d.; Gen. Man., Union Bank of Israel, 61-68.
13 Motsa St., Ramat-Gan.

VOFSI, David; Prof. of Chem.; Head, Dpt. f. Plastics Res., Weizman I., 60-; b. Dwinsk, Latvia, 1919; to Israel, 1938, ed.: H.U. Jer., Ph.D.; m. Clara May; s.: Menachem, Oded; p. snr res. position, Min. of Def.; mbr: Isr. Petroleum Inst.; Advisory Board: Koor Industries, The Negev Research Inst.
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VOLCANI, Raanan; B.Sc.; Ph.D.; Prof., Dpt., of Animal Husbandry, Faculty of Agric., Hebrew U.; Head, Dpt. of Dairy Husb. of Agric. Research Organization, Volcani Center Bet-Dagan, Ministry of Agric.; b. Yaffo, 10.11.1910; m.: Drora Becker; 3 s.; educ.: California U., 34; lecturer, 52-, Prof., 60-; research in animal feeding, breeding & animal physiology.
13 Hankin St., Rehovot.

VOLINI-GRUIA, Clara; dancer; character dancer, Israeli National Opera; b. in Rumania, 16.11.1922; studied Lyceum & Ballet School, Bucharest (with Elena Penescu-Liciu, Anton Romanovsky, Vera Karolli); m.: Abraham Gruia; p. soloist dancer at Opera & Ballet Theatre, Bucharest; p. teacher, character dance, Choreogr. State School, 47-66; solo-parts in Aida, Carmen, Nutcracker, Swan Lake, Copellia, etc.; recitals & television appearances — all in Rumania; in Israel — solo-parts in "Straus Evening", "Offenbach Melodies", Coppelia, Peer Gynt (Aase), Carmen, Fledermaus, etc.; guest-teacher, character dance, at Rubin Academy, Jerus., & Petach Tikva Ballet Studio; published poetry, children poems, in periodicals.
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W

WACHENHAUSER, Arie: painter; b. Poland, 12.6.1917; to Israel, 1938; ed.: Applied Art School, Warsaw, 37; Painting Teachers' Acad., Tel-Aviv, 51; m. 1942; d. Cameret; mbr: Paint. & Sculpt. Assn, Moadon "Milo"; part. in.: Natl Exhib., Poznan, Poland, 30; Exhib. of Kibbutz Artists, 40,43; Decade Exhib., Ramat Gan, 58; Museum of Modern Art, Haifa, 70; Musee Marmottan, Academie des Beaux Arts — Concours pour le Prix de portrait Paul-Louis Weiller, 71; BatYam Museum, 71; Gen. Exhibitions, Paint. & Sculpt. Assn; one-man shows: youth group, Borochov Quarter, 41; Katz Gall., Tel-Aviv, 45, 54; Chemerinsky Gall., Tel-Aviv, 62, 63; Senta's Taft Center, Sydney, 64; Rina Gall., Jer., 65; Murray S. Greenfield Gall., New-York, 65; Chagall House, Haifa, 68; Israel Gall., Amsterdam, 68; Gall. Wijngaard, Groningen, Holland, 70.
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WACHTEL, Helena; Chairman, Danish Zionist Federation; Ph.D.; b. in Kyjov, Czechoslovakia; educ.: Prague, Paris & Vienna Uies; m.: Hajek; p. Chmn, WIZO, Danemark (58-63).
14 Maltenvangen, 2820 Gentofte, Copenhagen, Denmark.

WAGNER, Eli; bus. adm.; Dir., "Isralum" in U.S.A. & Canada; Dep. Director, "Tour Vealeh", 70-71; b. Tel-Aviv, 10.8.40; ed.: H.U. Jer., 62-66; Tel-Aviv U., 66-68; Boston U., USA, 68-70; m. Dassi Navon, 1966; d. Zohar; p. Dir.: C'tee of Manpower Opportunities in Israel; Accad. graduates dpt., J.A.; Israel Aliyah Center, New-England, Boston USA; mbr, Am. Marketing Assn; publ. 3 papers in marketing research (Boston U.).
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WAHRMAN, Jacob; Prof. of Genetics, H.U. Jer.; b. 1924, Frankfurt a. M.; to Israel, 1933; ed.: H.U. Jer. - M.Sc., 51; Ph.D., 55; m.: Batya; 2 ch.; mbr of var. sci. societies in Isr. & abroad; articles on cytology & genetics.
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WALDMAN, Zwi; Chem. Eng.; Mng. Dir., Dead Sea Bromine & Bromine Compounds Ltd., 71-; b. Stanislawow, Poland, 25.10.1928; to Israel, 1948 (as Machal volunteer); education: Tecnicum, Prague, 47; Technion Haifa — B.Sc., 52; Dipl. Ing., 53; M.Sc. (Chem. Eng. Indust. Mngmnt); MIT, U.S.A., 57; m.: Rina Shoub, 1959; 2 d.; 1 s.; w. Isr. Air Force, 48-49 (training course, A.F., C.S.R., 48); w. Min of Defence (in var. capacities), 53-61; Tirkovet Brom Ltd., Beer-Sheva (first as Dir. of planning projects & later as Plant Mng.), 61-66; Badger International Chem. Eng. Co., Dir. of Belgian branch, 66-70.
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WALIN, Moshe; impresario, theatrical mngr & producer, pioneer of theatrical life in Israel; b. Swencian, Poland, 7.5. 1906; to Israel, 1926; gen. ed., Yeshiva (ordained Rabbi), Dramatic School; s. Daniel; co-founder, kibbutz "Hakovesh', 26; discoverer of several Israeli "stars" (Bracha Zefira, Hanna Aharonni, Shoshana Damari, etc.); founder & Gen Mng., Li-

La-Lo Theatre, 44; w. IDF as Educ. Officer, 48-49; active in show-business; mbr: I.T.I., Assn of Producers & Impresarios of Israel; author of "A Diary of an Impresario", 43; toured the world w. Israeli singer stars discovered by him (such as Sarah Osnat Halevi, Hanna Aharoni, etc.).
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WALLACH, Jehuda; Assoc. Prof., Military History, Tel-Aviv U., 72-; Colonel (Res.); b. Germany, 12.3.1921; to Israel, 1936; ed.: H.U. Jer., B.A. (History & Soc.), 62; Oxford U., Ph.D., 65; m. Chava Turetzky, 1940; 1 d.; 2 s.; mbr: "Zeveth" — Army Pensioners Assn, Isr. Foreign Policy Assn; joined Hagana, 38 (Officers' Course, 44; permanent cadres, 45); Battalion Commander in Givaty Brigade, 48; promoted Colonel & Givaty Brig. Commander, 49; C.O. Battalion & Brigade Commanders' School, 52; Inspector of Infantry, IDF, 53; C.O. Central Task Force (Ugdah), in Sinai Campaign, 56; ret. from active service in IDF, 65; publ. (in German): "Das Dogma der Vernichtungsschlacht: Die Lehren von Clausewitz und Schlieffen und ihre Wirkung in zwei Weltkriegen", Bernard & Graefe, Frankfurt/M, 67 (2nd edition by D.T.V., Muenchen, 70); "Die Kriegslehre von Friedrich Engels", Europaeisches Verlagsanstalt, Frankfurt/M 68; "Carta's Atlas of Palestine from Zionism to Statehood", Jer., 72 (Heb.; English ed. in prep.); "Kriegstheorien, Ihre Entwicklung im 19. und 20. Jahrhundert", Frankfurt/M, 72; articles on milit. history & milit. problems — in Heb., German & American periodicals; entries f. encyclopaedias (Judaica, Hebraica, Soc. Studies).
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WALLACH, Michael; journalst; snr edit. exec., Jew. Chronicle & mng. edit., Supplements & Colour Magazine (p. Frgn News Features Ed.); edit., Jew. Year Book; pres., S. Brodetzky Lodge & vice-pres., Ben Yehuda Lodge, B.B.; b. 4.2.1918, Frankfurt A/M; ed.: S. Raphael Hirsch Sch.; Breuer Yeshiva, Frankfurt; Yeshivat Etz Chaim, London; U. Coll., London, B.Sc., Econ. & Politics; m.: Maisie Marks; d.: Sharon Rosalie; secr., Chief Rabbi Off., 51-62; Chief Rabbi's C'tee, Calendar Reform, 51-62; org. & 1st secr., Europ. Rabbis Confer., 57-62; p. exec. mbr, Natl Exec. & Edit. Brd, Jew. Review; edit., News From Zion, -66; secr. & registrar, Jews Coll.; articles & brdcsts, Jew. Affs, Christ.-Jew. relat. econ. & polit.; contrib. to Encycl. Judaica Year Book; transl. S. Raphael Hirsch works.
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WANETIK, Malka; painter; b. Odessa; to Israel, 1923; ed.: Isaac Frankel's studio, 37-39; free studio f. soldiers in Alexandria, 43; Avni Inst. (among her teachers: Mokadi, Janco, Stematzki, Streichman), 53-56; studied in Europe (France, England, Spain, Holland & Italy), 54-61; Grand Chaumier Acad., Paris, 61; partic. in exhibs of Paint. & Sculpt. Assn in Isr., 57-; publ. "Animal Figures" album edit. by Bronfman, 67; exhib. marking the 50th anniversary of her family's emigration to Israel.
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WARBURG, Edward M. M.; Gen. Chairman of the nationwide United Jewish Appeal, 51-54; Chairman, J.D.C., 41-; enlisted in the U.S. Armed Forces in 1942 as a private & discharged in 1945 w. rank of Major; member of the New York State Board of Regents since 1958; Honorary Trustee, Inst. of International Education; founder & Honorary Trustee of New York's Museum of Modern Art & Vice-Director for Public Affairs of the Metropolitan Museum of Art; Governor of the Hebrew University in Jerusalem & Trustee of the American-Israel Cultural Foundation.
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WASYNG, Oscar; industrialist; diamond manufacturer; Owner Manager Oscar Wasyng & Maurice Sheinman, Diamonds; b. in Antwerpen, 3.10.41; m.: Sarah Rosenberg; 2 s.; to Israel, 1964.
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WAYSMAN, Simon; Chem. Eng.; B.Sc.; Gen. Man., Sofimad Israel Ltd., Nazareth Illith; Owner, Gen. Man., Shachlavan Chemicals Ltd.; b. 1921, Poland; to Israel, 1951; m.: Eliane; ch.: Danny, Karin, Guy; p. independent & corp. manager in France; developed new device f. road marking, increasing road safety.
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WEBER, Doranne H.; soc. worker & dietician; Supervisor of Wlfr, Chmn of the Brd, Mothers' Wlfr Yeshiva & Mesivta Rabbi Chaim Berlin; Natl Vice-Pres., Yeshiva U. Womens' Org.; mbr of Natl Brd, Pres of chapter, Natl Chmn of Educ. Vocational Program, Mizrachi Womens' Org. of Am.; Hon. Vice-Pres.: Ezras Torah Women; Un. Yeshivot Women; mbr: Hadassa (Chmn, Youth Cl.), Farband, Mt. Eden Center Sisterhood; coordinating comm. f. A.Z.F. & Annual Azkarah f. the Six Million Martyrs; b. Gruzia, Russia, 29.12.1908 (d. of world-reknowned Rabbi Yoseph Eliahu Henkin & Freida Rivka Krendel, direct descendant of centuries of Rabbis); ed.: private tutors in relig. & secular studies; HS; Russel Sage-Social Case Work & Psychol.; N.Y. Inst. f. Dietetics; home studies in child psych., criminal psych., abnormal psych., phylosophy & all phases of soc.; m.: 1st — 1926; 2nd, Simon Weber, 1943; s. Nathan; d. Ina Rea; formerly: field worker, fund raiser, org. of womens' groupes, Yeshiva Rabbi Ch. Berlin & Mothers Wlfr League; case worker, soc. investig., N.Y. City Wlfr Program; Exec. Dir., Acad. f. Jew. Studies & Trades; Prod. Mng. & Personnel Dir., Standard Textile Co.; Mng., Personnel Dir., Webers' Caterers; public speaker, lctr; seminarian on: womans' role in education, zion., food, etc.; awards from: Yeshiva U. Women, Mizrachi Women Org. of Am., Yeshiva Rabbi Berlin & Mothers Wlfr Group.
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Board of Dirs., Hebrew Institute; fellow, mbr. Board of Regents, Intl. Acad. of Law & Sci.; Pres., Am. Coll. of Legal Med.; corresp.-mbr, Scty of Psych., Neuro- & Soc. Med.; Intl Assn of Forensic Sci.; Natl Assn of Med. Examiners; fllw. Am. Acad. of Compensation Med.; Vice-Pres., Exec. Cl., Intl Assn f. Accident & Traffic Med.; corresp.-mbr, Scty of Psych., Neurology & Legal Med. of Colombia, S.A.; hon. mbr, Spanish Natl Assn Assn of Forensic Med.; mbr Am. Civil Liberties Un.; Urban League; Brd of Dirs, Jew. Family & Childrens Serv. of Pitt.; Natl Assn f. the Advancement of Colored People; co-founder & Hon. Chmn, Penn. Guild f. Infant Survival, Inc.; etc.; various editorial positions in legal med. press; edit. advisor f. Am., Intl Journal of the Forensic Sci., Amsterdam; publ. 57 sci. res. works in matters of his specialization.

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WEINBERG, Haim; M.D., orthopaed. surg., Dpt. of Orthopaed., Hadassah Med. Center; snr lctr, H.U. Med. Sch.; Chmn, Isr. Orthopaed. Assn; b. 1921, Minsk, Russia; to Israel, 1925; ed.: Herzliah HS, Tel-Aviv, -39; Am. U., Beirut, -47; H.U. Med. Sch., -52; Orthopaed. Surg., 55-; m.: Ruth Mussafia; s.: Dan; d.: Daphna; mbr: C.C., Isr. Med. Scty; Isr. Surg. Scty.

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WEINBERG, Zwi Zewulun; writer, ordained Rabbi; teacher; b. in Warsaw, 1884; to Israel, 1920 & 1934; outstanding activity as educator & Hebrew writer & Zion leader in Poland; founder, 1929, Hebrew Writers' & Newsmen Union in Poland" & its Pres, until his return to Palestine; honoured as Freeman of Tel Mond; publ. 10 books (novels, stories, plays), and, since 1963 (on the initiative of the President of Israel) 3 vols of Collected Works.

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WEINER, Carl Eugene; Chmn. Dpt. of Sociology, Haifa U.; b. NYC, 14,9.1933; to Israel, 1969; ed.: Columbia Coll., B.A., 55; Jew. Theol. Smnry, M.H.L., 60; Columbia U., Ph.D., 70; 2 s.; p. Dir., Lehman Inst., Jew. Theol. Smnry of Am.; p. advisor to students, J.Th.S.; mbr: Am. Sociological Assn, Isr. Soc. Assn.; Friedlander Fellowship, Lehman Fellow, Office of Education (USA) res. fellowship.

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WEINERT, Bernard; Ph.D.; Repr., The Swiss Natl Tourist Office in Israel; 69-; born 20.5.1898; married Hella Weinmann; 2 d.; education: Zurich U.; Journalist in Switzerland, 24-36; Swiss Trade Delegate, 38-48; Swiss Consular Agent, Tel-Aviv, 48-50; Jew. Agency, Jerus., 36-38; Isr. Repr. of Swissair, 1947-69; Repr. of "Groupement Suisse pour le Commerce avec Isr." 50-; p. Natl Pres., "Scal", Isr.; Mbr, Brd of Govrns, Heb. U., Jerus.; Rotary T.A.; Indus. Comm. Club, T.A.; articles in Israel & Swiss press; publ.: "Der Politische Zionismus, 1896-1904".

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WEININGER, Freed; poet, painter; psychiatric soc. worker, "Oranim" — child guidance clinic of the kibbutzim, Tivon, 70-; b. Cernauti, Bucovina, 29.7.1915; to

Israel, 1968 (from USA); ed.: Public & HS; Wayne State U., Detroit, Michigan, m. Lucia Kessler (Buenos Aires), 1951; s. Yehudi; p.: Cultural-Art Dir., Jew. Community Center, Bridgeport, Conn.; Program-Assist. (older adults), Jew. Community Center, Detroit, Michigan; psych. soc.-worker, Cleveland Guidance Center; snr psych. soc.-workers: Psych. Clinic & Jew. Family Serv., Buffalo, N.Y.; field instructor, School of Soc. Work, N.Y. State U., Buffalo; mbr: Natl Assn of Soc. Workers, USA; Acad. of Certif. soc. Workers, USA; Yiddish Pen Club, N.Y. (secr., 48-50); Assn of Americans & Canadians in Israel; Heb. Writers' Assn; poetry coll.: (Yiddish): "Narzissn" (sonnets), Czernovitz 37; "Ovnt baim Prut", N.Y. 42; "A Pastuh in New-York", Buenos Aires 51; "Baim Prut, La Plata un Yarden", Tel-Aviv 66; painting (one-man exhibs): "Lyceum" Galleries, Havana-Cuba, 46; Ward Eggelston Gall., N.Y. 48; Anna Werbe Gall., Detroit Mich., 60; Sisti Gall., Buffalo N.Y. 65; group-shows (jury): Jewish Museum N.Y., 49, 50; Intl Inst., Detroit, 59; Detroit Museum of Fine Arts (Michigan artists), 60; Albright Knox Mus. Buffalo, 64, 65; travelled through S. America (Colombia, Ecuador, Peru, Bolivia, Argentina, Chile, Uruguay, Brazil; one-man expedition on Jungles of Ecuador), 50-52; "Bimko" Award f. Poetry, N.Y., 1967.

50, Keren Kayemet St., Kiriat Tivon; Tel. 934-208.

WEINSHALL, Theodore D.; Prof., Grad School of Bus. Administration, Tel Aviv U., 66-; B.Sc. (Mech. Eng.), B.Sc. (Industr. Eng.), Dipl. Ing. (Mech. Eng.). DBA (Bus. Adm.); b. in Haifa, 14.1.1923; m.: Yonna Weissman; ch.: Yael-Anna, Thalia; p. Industr. Eng. Van Leer Concern, U.K. & Holland, 49-50; Snr Cnslt, Chief Eng., Heshet Ltd., Israel, 50-58; Mng. Dir. (part time) Naor-Weinshall Ltd. (Research & Mngmnt Conslt.), 61-; snr lectr, Technion, 60-65; Prof., 65-66 & Visit Prof., 66-, European I. for Bus. Admin.; visit. prof. at Cranfield Aeronaut. Coll., 66-; head, Israeli C'tee f. INSEAD; mbr. of various instit. here & abroad.

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WEINSTEIN, Amiel; Gen. Mng. & mbr. brd of dirs, Bayside Land Corp.; mbr of brd dirs: Nave Construction Co. Limited, Standard Factory Buildings Ltd., Palestine Housing Corp. (Palhouse) Ltd.; b. Sejera (Israel), 1905; m.; in employ of Bayside Land Corp., s. 1937, in development of indust. zones at Haifa Bay & throughout Israel, & in construction of apartments for sale.

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WEINSTEIN, Hillel; Eng; Mng. Dir, Scientific Data Systems Israel Ltd.; B.S., M.S., Ph.D. (EE); b. in Tel Aviv, 1.11.35; m. Hanna; d.: Daphne, Thalia; s. Oren; ed.: 1949-1953, Herzlia Tel Aviv; 1953-1954, Law. Hebrew University; 57-60, NYU, Coll. of Eng., B.E.E.; 60-62, Brooklyn Polytechnic I., M.S.; & 62-65, Ph.D. (E.E.); w. IDF, Lieutenant, 54-56; joined RCA Labs, Princeton, active in high-speed switching circuits, opto-electronic image processing, logic design & computer memories, etc.; joined Xerox Corp., 66; Project Leader, Manag. of Computer & Inf. Sc. Area in the Research Div.; Mang., El'tronics Area, Inf. Systems Div.; mbr., Sigma Xi; Tau Beta Pn; Eta Kappa Nu; mbr. I. of Electr. & Electronics Engineers; founded, 1968, SDS Israel Ltd, to develop, manufacture & market el'tronic rotating memories & periph. systems f. el'tronic computers; publ.: 16 technical papers; 13 US patents.

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WEINSTEIN, Igal; Civ. Eng., B.Sc.; Mng. Dir., Rassco Rural and Suburban Settlement Co. Ltd.; General Director, M.B.T. Ltd., Precast Houses Construction; b. Israel, July 21, 1933; educ.: Construction; b. Israel, 21.7.1933; ed.: Technion, Haifa; m. Adina Milshtein, 1959; 2 d.; 1 s.; mbr, Eng. & Arch. Assn; author: "Precast Concrete Elements in Building", by the Inst. of Res., Eng. & Arch. Assn; lctrs on prefabricated building, all aver the country; publ. in "Merkaz Hab'nija" (Quarterly), Bulletin of Eng. & Arch. Assn, etc.

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WEINSTEIN, Jacob J.; Rabbi; D.D.; D.H.L.; Hon. Pres., Natl C'tee f. Labor Israel (Pres., 52-64); b. Stephin, Volhiynia, Poland; ed.: Reed Coll., Oregon, B.A., 23; New Sch. f. Soc. Res., 24; HUC, Rabbi, 29; m.: Janet Harris; ch.: Ruth Levine, Daniel, Judith Klein; Deborah Manaster; Rabbi Em., KAM-Isaiah Cngn; Beth Isr., Austin, Texas; Shearith Israel, San Francisco; p. Dir., Sch. f. Jew. Studies, N.Y. & S.F.; Pres., Central Confer., Am. Rabbis, 65-67; p. mbr: AMPAL; War Labor Brd, USA; Pres. Comm. f. Equal Opportunity; Bus. Ethics Advis. Brd, Comm. Dpt, USA; mbr: A.J.C.; Poale-Zion; Am.-Isr. Cult. Fndn; Am. Friends, H.U.; Jew. Publ. Scty; Public Review Brd, Auto Workers Un.; author: "The Place of Understanding", 57; S. Goldman — A Rabbis' Rabbi, 73; w. edit. brd, Jew. Frontier; contrib. to: Menorah Journal; Midstream; Reconstruct.; Jew. Post; Cen. Confer. of Rabbis' Journal, etc.; aw.: Lincoln Acad., Ill., 67; Sidney Hillman, NY; Clorence Parrow, Chicago; Citizen of the Year, Immigrant Service League.

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WEINTRAUB, Lewis Aryeh; D.D. (Hon.); M.H.L.; Rabbi, Temple Israel, Silver Spring Md., 55-; mbr, Exec. Cl., Jew. Community Cl., Gr. Washington & Co-Chmn, Isr. Aff. C'tee; Allocations C'tee, UJA, Wash.; Brd, Heb. Acad., Wash.; Rabbin. Assbly; NY Brd of Rabbis; Presidents & Gvnrs C'tee, Employment of the Physically Handicapped; b. Uscilug, Poland; ed.: Yeshiva U., B.A., 41; J.Th.S., M.H.L., Rabbi, 44; m.: Fannie Goldberg; ch.: Samuel Hersh, Fred Isaac, Rebeccah Leah; p. Pres.: Rabb. Ass., Wash. Reg.; Wash. Brd of Rabbis; p. Co-Chmn, Inter-Rel. C'tee, Race Relat., Gt.

Wash.; mbr: Human Relat. C'tee, Montgomery Co.; Ass. Rabbi. & Educ. Dir., Denver, Colorado, 46-47; Rabbi, Syn. Emanu-El, Charleston, S.C., 47-55; mbr: ZOA; B.B. Free State Lodge; Jew. Chaplains Assn; Jew. Publ. Scty; Ministerial Assn, Silver Spring; recip. Zubow Memorial Prize in "Jewish Codes".

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WEINTRAUB, Morris; Secr. Gen., Commercial & Industrial Club, Tel-Aviv; co-found. & Hon. Secr., Israel-Holland Friendship League; b. 31.1.1909, London; to Israel, 1922; ed.: Herzliya Coll., Second. Commercial Sch., Tel-Aviv; m.: Dolly (Devorah) Hochman; 2 s.: Isaac Winston, Jacob Ronald; p. Assist. Superintendent of Surveys, Govt. of Palestine; p. Master of Sharon Lodge & p. First Principal of Judea Chapter of Freemasons; mbr, B'nai B'rith; p. active in Palestine Football Assn; Sports Corresp. of "Palestine Post"; now c'tee mbr of Israel, Britain & Commonwealth Assn; responsible f. the publ. of the Annual Bulletin of the Commercial & Industrial Club; awarded Silver Jubilee Medal, King George V, 1935.

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WEIS, S. Theodore; attorney, LL.B.; City Councilman, New York, 62-; b. Hungary, 17.9.1927; ed.: law, pol. sci.; 2 s.; Assist. District Attorney, 55-59.

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WEISBERG, Joseph G.; J.D.; Co-Publ. & Exec. Edit., The Jewish Advocate; mbr: Natl Cl., JDC; Exec. Cl., Am. Jew. Hist. Scty; JTA Exec. C'tee; Pres. Cl., HUC; Brandeis U.; Boston Coll.; Trustee, Combined Jew. Philanth., Gr. Boston; Temple Israel (life); Grove Hall Savings Bank; Dir., Natl Jew. Theatre; b. 10.6.1911, Boston; ed.: Harvard Coll., B.A., 33, Law Sch., J.D., 36; m.: Marjorie Elbinger; ch.: Lawrence, Helaine; mbr: Mass. & Fed. Bars; Mass. Educ. Communications Comm.; p. Pres.: Am. Jew. Press Assn; Temple Israel Brotherhood; articl., daily press; Am. Engl. Jew. weekly press & natl Jew. magazines; recip., "Best Column Award", New Engl. Press & Am. Home Newspaper Assns, 70; citations, Assoc. Syns of Boston, 64; New. Engl. Zion. Reg., 66; ORT, 62; Am. Heb. Cngrn Un., 69; Am. Jew. Press Assn, 71; Temple Israel, Boston, 72; Mizrachi New Engl., Bronze Medallion, 72.

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WEISGAL, Meyer Wolf; Chmn, "Yad Haim Weizmann"; Chancellor, Weizmann Institute, 70-, p. Pres., -69; Ph.D. (honoris causa); past Chairman, World Committee, Israel's 10th Anniversary Celebrations, 58; b. Poland, Nov. 10, 1894; m.: Shirley Hirschfeld; 2 s.; 1 d.; educ.: Columbia U.; Delegate to World Zionist congresses, since 1924; personal political representative of Dr. Chaim Weizmann in U.S., 40-46; producer of various plays; editor of magazines and books.; contributor on Jewish and Zionist topics to Jewish and general periodicals.

Weizmann Institute, Rehovot.

WEISL, Wolfgang von; M.D.; physician, journalist, author; b. in Vienna, 27.3.1896; m.: Naomi Zuckerman; 1 s, 3 ds; educ.: U. of Vienna; to Israel, 1922; p. dir., lst Hagannah Officers' School (underground) at Tel Iosef, 1924; p. artillery off., war of indep. 48, wounded in battle of Beer Sheva; co-founder, Isr. Revis. Pty, 1925, & chmn thereof, 30-31, 43-44; p. Vice Gr. Pres., Bnei Brit, Israel; author of: "Kampf ums Heilige Land", 25; "Zwischen d. Teufel u. d. Roten Meer, 29; "Allah Ist Gross", 37; "Ninetytwo Fast Days and Concentration Camp", Hebrew, 46; co-author (w. Gerson) of "Diettherapie der Lungentuberkulose", 36; "Jews in the Austro- Hungarian Army", Hebrew, 68; "Skizze einer Autobiographie", 71; London Prize f. literary life work; permanent contribution to Israeli & frgn press on political Zion. topics & on cultural & dietetic problems; owner & med. dir of the priv. Sanatorium Ghedera.

Ghedera.

WEISMAN, Joshua; LL.M., Dr. Jur.; Prof. of Law, Law Sch. of H.U. Jer. & Bar-Ilan U.; Visit. Prof., Sch. of Law, New-York U., 72-73; b. 1931, Jerusalem; ed.: H.U. Jer., 50-54; King's Coll., London U., 58-59; Harvard U. Law Sch., fllwship, 67-68; m.: Gloria Marengo; 2 s.: Yoav, Amos; d.: Daphne; publ.: The Condominium Law: A Study of its Operation, 69; The Land Law: A Critical Analysis, 70 - both in Heb. & Engl.

19 Bialik St., Jerusalem; tel. 526511.

WEISS, Ben-Zion; Prof., Technion Haifa, 57-; b. Poland, 15.5.1928; to Israel, 1957; ed.: B.Cc., Ing.. M.Sc., D.Sc.; m. 1956; 1 d.; mbr: of Isr. scties: f. Metals, Metallurgy, Crystallography, Electromicroscopy & Microprobe Analysis; publ. in the field of physical & mechan. metallurgy, in Am., English & German sci. journal; part. to numerous sci. congresses, with presentation of sci. papers, in the USA, England, Germany & Japan.

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WEISS, David W.; Ph.D.; D. Ph.; Prof. & Chmn., Lautenberg Center f. Gen. & Tumor Immunology, Hebrew Univ., 67-; b. Vienna. 6.7.1927; educ.: Rutgers U., Ph.D. in microbiol. & Biochem., 52; Oxford U., D. Ph. (Med.), 57; fllw., Rutgers Research & Endowment Foundation, Rutgers U., 49-52; Assist., Rockfeller I. f. Med. Research, 52-55; Dir., Med. Research C. Tuberculosis Unit, Oxford, 56-57; Assist Prof. of Bacteriology, U. of Calif., 60-65; Prof. of Bacteriology & Immunology, U. of Calif., 65-67; Research Immunologist, Cancer Research Genetics Laboratory, U. of Calif., 62-67; Lectr. in Zoology, U. of Calif., 64-67; Research Prof. in the Miller I. of Basic Research in Science, U. of Calif., 66-67; Awards: Merck Senior Postdoctoral Fellowship, Natl Acad. of Sciences, 55-57; Am. Cancer Scty Senior Scholar-

ship, 62-63; Distinguished Alumnus Award & Medal, Brooklyn College, 61; publ. hitherto 90 papers in his field; mbr of: Pathol. Scty of Gt. Britain & Ireland; Transplantation Scty; Am. Assoc. f. Cancer Research; British Scty of Immunology; Midwinter Conference of Immunologists (Councillor); Am. Assoc. of Immunologists; Am. Trudeau Scty; Am. Scty of Microbiologists, U. Calif. Branch; N.Y. Acad. of Sciences; Israel Immunological Scty.

Immunology Dpt., Hebrew U. Med School, Jerusalem.

WEISS, Fred F.; business.; Pres.: Favorite Plastic Corp.; Filmpack Plastic Corp.; Israel Plastic Inc.; b. 1913, Czechoslovakia; m.: Aranka; 2 s.: Edward, Thomas; p. Pres., Cong. Ateret Zvi, Forest Hills, NY; mbr: Scty Plastic Engs; Plastics C'tee, P.M.'s Econ. Confer.; Advis. C'tee, Plastics Standards, Natl Bureau of Standards; Brd of Dirs.: Ner Israel, Rabbin. Coll., Balto. Md.; Yeshiva Torah Vodaath, N.Y.; recip., City of N.Y. Declaration of Commendation.

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WEISS, Josef; Dr. jur.; Mng. Dir., "Delek", Isr. Fuel Corp. Ltd., 58-69; Hon. Consul General of the Philippines in Tel-Aviv; b. Nov. 30, 1902; m.: Ruth Abraham; 2 ch.; educ.: Bonn, Frankfurt, Heidelberg, U-ies; Financial Representative for Europe, JNF, Geneva, 39-41; Dir., Financial Dpt., JNF, Head Office, Jerusalem, 42-52; representative, Bank Leumi Le-Israel, for continental Europe, Zurich, 53-56; adviser to the Ministry of Finance on compensation claims abroad; delegate to Zionist Congresses, 35-37; author: "Clausula Rebus Sic Stantibus'.

16 Hagiva St., Savyon; tel. 751621.

WEISS, Zipora; painter; b. 20.3.1934, Jerusalem (maiden name: Koffman); ed.: Acad. Grand Chaumier, Paris, 63-64; m.: Tibor Weiss; 1 s.; 1 d.; p. Youth instruc., Gadna & p. instruc. of Calculation Machines; spec. interested in portraits & folkloristic types; partic. in a collective exhib., Z.O.A. House, Tel-Aviv, 65; studio in Artists Colony - Safed. 65; one-man show, Sokolov House, Tel-Aviv (on the subject of Safed).

28 Hama'agal Street, Ramat-Gan; tel. 737675.

WEISSBARG, Julius; Dr. (econ); past Asst. Gen. Mng., Citrus Marketing Board, Israel; b. 1903; m.: Njuta Abramski; 1 d.; to Israel, 1934; in the citrus industry ever since.

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WEISSBERG, J.; Dr. of Philology; Head of the German Dpt., H.U. Jer., 62-; b. Poland, 2.11.1919; to Israel, 1959; ed.: Pedag. Inst., Saratow, M.A.; Pedagogical I. of Foreign Languages, Moscow, Ph.D., 52; m. 1939; Chmn of German Philology, Odessa, 52-58; p. Visit.-Prof. at the U. of Bonn; mbr, Intl Germanists Assn (partic., Germanists Congresses, Amsterdam & Princeton USA); "Grammar of the German Language", first publ. in Heb. by J. L. Magness Press, H.U. Jer.; articles on the German & Yiddish literat.; received 3 Orders of the Red Army & 2 citations f. bravery; Medal of the Independence Fighters.

11, Kleinman St., Jerusalem; Tel. 36737.

WEISSBROT, Eliezer; B.A., B.Sc, AICS; Principal, British Tutorial Institutes; founder principal, The Hebrew Tutorial Institute, Jerusalem; b. 17.9.1917, Kiev; educ.: Jer. Hebrew, and Chicago U-ties; to Israel, 1935; specialist in educ. by corresp.; mbr., Intl. Council f. Education by Corresp., affil. to Unesco; corresp. of "Epistolodidaktika", Hamburg; president, "David Yellin Lodge", Bnei Brith; pres., Rotary Club, Jerusalem.

9, Balfour St., Jerusalem.

WEITSMAN, Yechiel; eng.; appl. scientist; Assoc. Prof. of Eng. Sciences (Appl. Mechanics) Tel Aviv U.; b. in Poland, 15.1.1932; to Israel, 1936; educ.: Technion, Haifa, 49-53; B. Sc. in Civ. Eng.; U. of Connecticut, 57-59, M. Sc. in Eng.; Rensselaer Polyt. I., 59-62, Ph. D. in Appl. Mechanics; m.: Berthe H. Weisz; ch.: Jonathan, Deborah-Michelle; p. 1st Lieutn. IDF, 53-56; struct. design. eng. PWD, Isr. Govt, 56-57; conducted grad. studies, U. of Connecticut (57-59); Trinity Coll. (58) & Rensselaer Polyt. (59-62); Mathematician, U.S. Army, 61-62; postdoct. res. fllw, Columbia U., 62-63; Assist. Prof. of Eng. Mechanics, Penna State U., 63-66; Assoc. Prof., Brown U., 66-69; recip., Postdoct. "Boese" Flwship, Columbia U., NY, 62-63; publ. some 30 techn. & sci. works.

13 Hazetim St., Ramat-Gan.

WEITZ, Emil; bus. exec.; sports org.; author; pres., Isr. Coin Distributors Corp., 50-; b. 18.5.1905, Jamnica, Poland; ed.: Coll. Intl Bus. Admin., Vienna, 26-28; H.U. Jer., 34-36; Loughborough Coll., England, 38-39; NYC Coll., 48-49; widower; d. Amira Spier; mbr exec. brd, Coal & Mine Co., Poland, 28-32; to Palestine, 34; exec. mbr, Hist., Un. Glass & Wood Ind., 34-36; dir. Pal. Sport delegs: Maccabia Tel-Aviv, 35; Worker Olympic Games, Antwerp, 37; Intl Sport Competition, Cairo, 40; dir.: ref. children's camp, Dovercourt, Engl., 38-39; JNF Youth Dpt., 41-48; gen. mng, Nation & His Lan Exhib., T.A., 44; org. & mng., Admatenu Relay Race, from Syrian Border to Jer., 44; mbr of Hagana, wounded twice; to the USA in 1948, found. of Am. C'tee f. Sports in Isr.; init. & mng., Am.-Israel Pavillion at N.Y. Worlds Fair, 65-65; exhibs: A Century of Jew. History, 50; Isr. Art, 53; Isr. Products, 55; 4000 years of Jew. History, 66; found., Judaica Philatelic Historical Scty, 62; created & mng., Isr. 10th, 20th & 25th anniversary exhibitions; author: Thoughts and Ideas, 32; On the Ruins of Stanislavov, 47; A Century of Jewish History, 50; A Glimps Inta Jewish History Through Philately, 70; Encyclopaedia of Judaica Philately, 73; in prep.,

Jewish Emblems and Symbols; articles in Zion., Engl., Heb. & Yiddish journs; recip.: medals from King Farouk, Cairo, 40; N.Y. Wlds Fair, 63; Judaica Isr. Philat. Scty, 64; hon. plaque, Herzl Inst., NYC, 70.
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WEITZ, Raanan; Ph.D.; Reg. Develop. Planner; Head, Land Settlement Department J.A., & of Settlement Study Center; Prof. Rural Reg. Dev., Haifa U., 73-; Chairman, Natl & Univ. Instit. of Agric., 60-66; b. Rehovot, July 27, 1913; m.: Rivka Schechtmann; 1 s.; 1 d.; educ.: U. of Florence; Author of "Darkenu be-Hityashvut ve-Haklaut", "Agriculture and Rural Development in Israel: Projection and Planning"; "Rural Development in the Technological Era: The Israeli Case" (Hebrew); "Agricultural Development Planning and Implementation" (Israeli case-study); "Rural Develop. in a Changing World, 71; "From Peasant to Farmer: A Revolut. Strategy for Develop., 71.
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WEIZMAN ,Ezer; Maj. Gen. (res.); p. Chmn, Exec. Committee, Heruth Party; b. in Haifa, 1924; educ.: "Reali" School, Haifa; joined 1942, at 18, British Army, RAF, fighting in the Western Desert; mbr first group of Jewish volunteers from Palestine, to Aviation School in Rhodesia, 43; pilot, RAF, in Egypt & in India; released 1946; studied Aeronautics in Britain, 46-47; took part in building the first nuclei of Jewish air force; app. 1948 C/O of Negev air groups; sent to CSR to fly Messerschmidts to Palestine, 1948; particip., 1st air attack of Israeli planes on the Egyptian column advancing in the Ashdod area; O/C of Fight. Squad., 49; head, Air Force's Operational Dpt., July 1950; C/O of the Israeli Air Force, 58-66; Dep. Chief of Staff IDF, 66-69; married; 1 s.; 1 d.; resigned Army (Dec. 69) to join the National Unity Govt. as Min. of Transp. & Communications, 69-70.
Zahala.

WELGREEN, Hayim S.; Medical Dir., Kupat Holim, Dan District, 68- (do., Shomron Distr., 59-); b. Bedzin, Poland, 10.8.1908; to Israel, 1935; ed.: "Yavne" Gymn., Bedzin, -27; German U., Prague, M.D., 34; H.U. Jer., M.P.H., 67; m. Ada Weintrepow, 1933; d.: Noa Ben-Tov; Ruth Ben-Dror; worked in Warsaw, -35 in Kupat Holim, 35-; mbr: Cl. f. Publ. Health (Histadruth), Cl. of P.H. Physicians ,Isr. Med. Assn), Cl. of physicians, Histadruth-mbrs; acting-chmn, Forum of Med. Dirs. in Sick Fund Districts & Hosp. Dirs.; mbr of Research Promoting Cl. Histadruth, -70, & mbr of Cl. of physicians working in Kupat Holim, 57 deleg. of this Cl. to Keren Gimlaot); publ.: papers & popular articles on medical topics, mostly in "Dapim Refuiim", "Eitanim"; broadcast lctrs on popular medical topics, "Kol Israel", etc.; Award f. Research of "Health Injuries of Nazi indemnificated Persons", by Research Promoting Cl. of Histadruth, 1970.
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WELTSCH, Robert; Dr. jur.; journalist; b. June 20, 1891; m.; 3 ch.; educ.: Prague U., p. editor "Juedische Rundschau", Berlin, 1919-38; freelance journalist in Palestine, 1938-45; London correspondent, "Haaretz" (daily), since 1946; editor of "Year Book", Leo Baeck Institute, London, since 1956; outstanding political and literary essayist.
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WERBIN, Benzion; M.D.; pediatrician; Snr Lectr., Tel Aviv U. Med. School; Director, Children's Section, Hadassah Hosp. Tel Aviv; b. Omsk, Jan. 1913; m.: Fanny Taube; 1 s.; 1 d.; educ.: Rome U., to Israel, 1913; articles in professional periodicals.
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WERKER, Jacob; Certified Public Accountant (Isr.); partner, Werker & Alony, CPA, Tel-Aviv; mbr: C.C. of Isr. CPA Bureau (p .chmn of Tel-Aviv branch); control comm. of Free Center Party (Hamerkaz Ha'hofshi); b. 5.2.1931, Jerusalem; p. mbr, exec. of B'nai B'rith Lodge in Isr. (p. pres., B'nai Or Lodge); p. secr., Hamishtar Hechadash Movt.; p. mbr, secretariat of Liberal Youth.
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WERMAN, Robert; Prof. of Neurophysiology, Inst. of Life Sci., H.U. Jer.; Pres., Isr. Physiol. & Pharmacol. Scty; mbr, Brd of Trustees, Bezalel Acad.; b. 1929, Brooklyn, N.Y.; to Israel, 1967; ed.: New York U. - B.A., M.D.; m.: Golda Spiera; 3 s.: Michael, Aaron, Ariel; d.: Rachel; w. Indiana U.: Prof. of Psychiatry, 61-69; Prof. Anatomy & Physiol., 64-69; res. in Electrophysiol. & Neurol.; 100 articles & abstracts.
1 Nachalot Zadok St., Jerusalem.

WERNER, Abraham; Snr Physicist, Tel-Hashomer Hosp., 64-; b. Poland, 1926; to Israel, 1945; ed.: H.U. Jer., M.Sc. (Physics); m. 1953; 2 s.; 2 d.; lctr, Bar-Ilan U.; p. Assist. Dir., Natl Physical Lab. of Israel; mbr: Hosp. Physicist Assn, England; Isr. Health Physics Scty; sci. publications in the field of radiation dosimetry, radiation protection, fluorescence of certain organic compounds; recip. of research grant, by the Israel Cancer Assn.
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WERNER, Shoshana; B.A.; social worker; Natl secr., Assn of Social Workers in Israel, 60-; b. Lwow, 1912; to Israel, 1933; educ.: Paul Baerwald School of Social Work, Hebrew U.; Brit. Army, 42-46; in charge of Beit Hachalutzot, Tel Aviv, 46-48; organized CHEN, Women's Army IDF (rank of Col.).
61, Pinsker St., Tel-Aviv.

WERNER, Uzi Helmut; bus. exec.; Gen. Mng., Israel Resort Hotels (Mgt) Ltd.; b. 7.5.1926, Teplice Sanov, Czechoslovakia; to Israel, 1939; ed.: Swiss Hotel Mngmnt Sch., Lucerne; City Coll., N.Y.;

Stanford U., Calif.; m.: Hadass Sachs; 1 s.: Uri Michael; Captain, IDF; Mng., Plann. Dpt., Shekem Ltd., 48-52; System Catering Mang., El Al. 53-58; Commercial Mng. f. North America, Lufthansa, 59-70; mbr, B'nei B'rith; articles on airline marketing, tourism & hotel mngmnt.
21 Redak St., Jerusalem.

WERNER, Yehudah L.; zoologist; Snr Lctr, H.U. Jer., 68-; b. Munich, Germany, 1931; to Israel, 1935; ed.: Reali scdry sch., Haifa; H.U. Jer. (Zoology, Botany, Parasitology): M.Sc., 56; Ph.D., 61; m. Nurit Meyerstein; 1 s.; 2 d.; on H.U. staff, 53-; Lctr., 62-68; Res. Assoc., Princeton U., 67-68; Temp. Res. Fllw. U. of W. Australia, 70-71; editor, Isr. Journal of Zoology; mbr.: edit. brd., Journ. of Herpetology; c'tee on zool. terminology, Acad. of Heb. Language; Zool. Scty. of Israel; Scty. of the Sygma Xi; major Herpetological scties. in Africa, Europe & USA; publ. since 48, in sci. & amateur journals: articles on reptiles, especially gekkonid lizards, from various aspects of their structure, life history & evolution.
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WOLSKY, Israel; importer; Pres.: Isr. Creations Inc.; I.A.C. Inc.; Israel Products Inc.; b. 6.6.1918, New York (parents: Sima & Zelig Wolsky, pioneers & founders of Labour Zion. Movt. in USA); to Israel, 1932; ed.: grad. N.Y.C. Pub. Sch., 31; Ben-Shemen Agric. Sch., 32-33; Mikveh Israel Agric. Coll.. 34-37; m.: Hana Rimon; 2 s.: Theodore, Rom; joined the Haganah in Mikveh-Israel, 35; captain, Mikveh Basket Ball team, 36-37; served I.D.F. dur. War of Indep.; after discharge from Army, started 1st Exports to USA from Isr.; p. Orange Grove Mng.; p. Build. Contractor; recip. State of Isr. Cert. of Merit (f. 25 years of market. & export. Isr. merchandise).
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WORMANN, Curt; Ph.D.; Visit. Prof. of Lib. Sci., Grad. Lib. Sch. of Hebrew U., 72-; Director (Emeritus) Jewish National and Univ. Library; b. Berlin, January 5, 1900; m. Dr. Carola Gottheil; educ.: Berlin, Freiburg U-ies; Dir., public libraries Berlin, 26-33; lecturer in librarianship and general literature, Berlin Library School, 29-33; academic librarian, Municipal Library, Tel Aviv, 37-47; 47-68, Dir., Jewish Natl & of U. Library & Graduate Library School, Hebrew U.; Visit. Prof., Columbia U. School, Libr. Serv. 65, 69; Assoc. Edit. of "Libri", Int'l Library Review; Hon. Pres., Israel Library Assn; chmn. Advisory C'tee f. Public Libraries (Min. of Educ. & Culture); member brd., Leo Baeck I., Jerusalem; numerous publications on Library Science, Literature and Adult Education.
6 Ben Labrat St., Jerusalem; tel. 32429.

WORMS, Fred Simon; F.C.A.; b. Nov. 21, 1920, Frankfurt; Pres., B'nai B'rith, Gt. Brit. Govt & Intl (Vice Pres., Supreme Lodge & p. Pres., First Lodge of England); Chmn., B'nai B'rith Housing Scty.; mbr. of Exec.: Maccabi World Union; Hillel Foundation.
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WURZBURGER, Uri S.; geologist; M. Sc., A.M.I.M.M., D.I.C.; Mng. Dir. Timna Copper Mines Ltd., 71-; b. Germany, 26.6. 1932; ed.: H.U. Jer. (geology, mineralogy, geography); Imperial Coll., U. of London, Ore Microscopy, M. Michal Goldschmidt. 1957; 3 d.; 1 s.; Head, Mineral Resources D.v., Geological Survey of Israel, 61-70; Pres. Geological Scty of Israel, 69-70; U.N. Expert on Phosphates in Turkey; mbr. brd of dirs.: Timna Copper Mines Ltd., Cables of Zion Ltd., Negev Ceramics Ltd.; Institute f. Petrol. Res. & Geophysics; mbr: Inst. Mining & Metallurgy, London; Scty of Economic Geologists, U.S.A.; Geol. Scty of Israel; Intl Assn on the Genesis of Ore Deposits; publications in the field of: mineral resources in Israel, phosphate deposits in Israel, mineralogy of Timna Copper Deposit, Mineralogy and Metals in the Bible.
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WURZBURGER, Walter S.; Rabbi, Cngn Shaarey Tefilah, Far Rockaway; Visit. Ass. Prof. (Phil.), Yeshiva U.; edit., Tradition;

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WYDRA, Naftali; Dr. jur.; Dr. econ.; chmn, mng dir, Isr. Shipping Res. Inst.; Chairman, Israel Ports Authority; p. Mng. Dir., Zim, Israel Navigation Co. Ltd. 47-67; p. Dir., Shoham, Sherutey Hayam Ltd.; b. Leipzig (Germany), Oct. 24, 1909; m.: Jocheved Kaplan; 1 d.; 1 s.; educ.: Heidelberg, Berlin, Leipzig U-ies; Shipping agency manager, Haifa, 33-36; manager, Maritime Dpt., Jewish Agency, 36-46.

8 Lachish St., Haifa.

WYLER, Veit; Hon. Chmn for Switzerl. Keren Hayesod-United Israel Appeal (excluding French speaking region); Publisher of "Das Neue Israel"; Exec. Cl. & Brd of Gvrnrs, Weizmann I.; Lawyer; doctor of jurisprudence; b. in Baden, Switzerland, 8.28. 1908; educ.: Zurich, Vienna, Hamburg, Leipzig, Paris U-ies; Jewish religious educ.; m. Anna Katharina Salten, 1944; ch.: Judith Siano; Lea.

8001, Stampfenbach St., 7, Zurich, Switzerland.

WYNN, Samuel; Wine grower & Producer; Hon. Life-Pres., Australian Zion. Federation; Pres., Jewish Natl. Library "Kadimah"; biggest contributor to Zionist funds in Melbourne; b. in Lodz, 4.4.1892; educ.: Heder & Yeshiva; prominent in Keren Hayesod UJA activities, Australia.

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YAACOBI, Gad; M.K.; Dep., Min. of Transp.; B.Sc.; M.Sc.; econ.; b. Kfar Witkin, 18.1.1935; m. Tova Grossman; s.: Yariv, Yehiam, Yoav; mbr Histadrut Exec. Bureau; mbr brd of dirs Histadrut Econ. Enterprises; mbr. Exec. Bureau of Israel Labour Pty; p. mbr. Secr., Tnuat Hamoshavim (58-59); spokesman, Min. of Agric., spec. assist. to the Minister, (60-65); Head Center f. colonization planning & agricultural development (63-66); publ.: articles on econ. planning; agricultural policy, marketing, in "Econ. Quarterly", "Haaretz", "Davar"; notes on USSR & USA tours, in "Maariv" & "Devar Hashavua".

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YAAKOV, Itzhak; Mec. Eng., M.Sc.; systems analysis of res. & dev.; Brigadier General (res.); chief, Def. Research & Development; chmn, Users C'tee, Center for Technol. & Interdisciplinary Forecast., Tel-Aviv U.; mbr, brd of dirs, Isr. Inst. of Standards; b. 22.3.1926, Tel-Aviv; ed.: Technion Haifa (Mec. Eng.), 49-53; M.I.T., Cambridge Mass. (Indust. Mngmnt), 61-63; UCLA (Bus. Admin.), 69-71; m.: Shulamit Greizman; 2 d.: Roni, Tali; p. Dep. Chief Sci., Min. of Def.; p. Head, Weapon System Dpt., I.D.F.; p. vice-pres.: Isr. Operations Res. Scty; Isr. Astronautical Scty; publ.: studies on systems analysis & mngmnt of technol. intensive orgs (some of them f. devel. countries).

40 Hashikmim St., Ramataim.

YAALON, Dan (Hardy); Assoc. Prof. Pdology, Dpt. of Geology, H.U. Jer.; chmn, Comm. on Paleopedology, INQUA (Intl Union Quater. Res.); assoc. edit.: Geoderma, Catena (intl journals of soil sci.); b. 11.5.1924, Czechoslovakia; to Israel, 1948; ed.: Copenhagen & Upsala Colls., B.Sc., 47; H.U. Jer., Ph.D., 54; visit. lctr. U. of Melbourne, 68; Johns Hopkins U., Baltimore, 68-69; head, Isr. delegs to Intl Soil Sci. Congresses, 60, 64; active mbr of several natl & intl sci. societies; study tours in East Africa, West. Mediterranean, Central Asia & Australia; book: Paleopedology — Origin, Nature and Dating of Paleosols, Jer. 71; sci. contrib. to intl journals (Soil Science, Clay Minerals, Sedimentology, Jour. Sedimentary Petrography, tc.); Isr. journals (Israel Jour. Earth Sciences, Isr. Explor. Jour., etc.) on weathering, mineralogy & geochemistry of soils in Isr., on dust storms & loess formation, on sand & coastal sedimentation, on airbornesalts & salinization processes.

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YAAR, Ora; B.S.; dipl. eng.; architect; b. Lwow, Poland; to Israel, 1936; educ.: Fcty of Archit. & Town Building, Technion, Israel Institute of Technology, Haifa; m. Yaacov Yaar, architect; 3 ch.; serv. IDF, 50; post-grad. work in London, 53; worked archit. office, Tel-Aviv, 54-58; in private practice jointly with husband, 58-; mbr., Ass'n of Engs & Archits, Israel & mbr., of the Competition C'tee thereof, 60-64; mbr., Archit. C'tee, Tel-Aviv Municipality, 66; Rokach Prize f. restoration plan of Old Town of Jaffa, 67; Uzi Rozen Prize f. planning the restoration of the Jewish Quarter in Old Jerusalem, 69; numerous other prizes for archit Works: Affulah Residential Quarter: "Engineering & Architecture" No. 9-10, 1962; & No. 3, 1964; "World Architecture", Edit. John Donat., London, 1964; mobile exhibition in Europe on behalf of the Ministry of Housing, 65; Archit. exhibit. in Israel, Israel Museum, Yerusalem, 1966; 2) Restoration of the Old Town of Jaffa: "The Architecture Review", 1963; Kav No. 4; "Architecture", Israel, No. 5, 1965); 3) Kfar Saba Residential Quarter, "World Architecture", 4, London, 1967; 4) Urban Center, Ghivat Hamore, "Handassa Ve-Adrichalut", 6, 1967; Restoration Work In the Jewish Quarter of Old Jerusalem, "Adrichalut", No. 6, Jerusalem, Jewish Quarter, 1968.

13, Bezalel St., Tel-Aviv.

YAAR, Yaacov; B.S.; dipl. eng.; architect private practice in Tel Aviv; b. Germany; to Israel, 1935; ed.: Fcty of Archit. & Town Plann., Technion Haifa, 49-53; m. Ora; 3 ch.; serv. IDF, 50; archit. work in Tel-Aviv, 54-58; independent practice jointly with wife Ora (see entry), 58; snr. co-Lecturer, Archit. Fcty., Technion, 66-69; mbr., Assn of Engs & Archits, Israel, 54-; mbr., Architects' C'tee, Tel-Aviv Munic. Cl., 63-66; Chmn, C.C. f. Competitions of AEAI, 72; mbr, Supreme Cl. f. Archit. & Town Plann., 73; recip., Rockach Prize, 67 f. restoration plan of Old Town of Jaffa; Uzi Rozen Prize f. planning the restoration of the Jewish Quarter in Old Jerusalem, 69 (f. works & publications, see above, entry Yaar, Ora).

13, Bezalel St., Tel-Aviv.

YA'ARI, Meir; M.K. (Mapam), 49-73; leader U.W. Pty. (MPM); mbr, Secretar, Hashomer Hatzair; mbr. Wrld. Zion. A.C.; veteran Histadrut leader; b. Galicia, 25.4.97; m.; 2 s., 1 d.; educ.: Vienna U. (pupil of Siegmund Freud); Agric. Instit.; p. officer, Austrian Army, world war I; co-founder, Hashomer Hatzair in Vienna; att. all Zionist congresses; to Israel, 1920; publ. books, essays on intl politics; on Zionist topics; missions on behalf of the Zionist Organisation & JNF, K.H.

Kibbutz Hashomer Hatzair, Merhavia.

YADIN, Yigael; M.A.; Ph.D.; archaeologist; mbr, Inquiry Comm. into Yom Kippur War, 73; Prof. of Archaeology, Hebrew U., mbr, Isr. Acad. & corresponding mbr. of French & of British Acad., 65; mbr: Am. Scty, Old Testament Study; Scty of Old Testament, England; Hon. Dr.: Brandeis U. & HUC, USA; Witwatersrand U., S.A.; p. Chief of Gen. Staff, Israel Defence Forces; b. Jerusalem, 21.3.1917; m. Carmella Ruppin; 2 d.; educ.: Hebrew University, Jerusalem. Head, Planning Dept. Hagannah Resistance Movem. & IDF, 47-48; Chief of Staff, 49-52 (rank of Lieut Gen.); head, exploration & excavation mission, Hazor, 55-58, 68; 1 of leaders of exploration in Dead Sea Caves, 60-61; dir., Massada Expedition, 63-65; publ. exhaustive, internationaly famed research works on the Dead Sea Scrolls; papers & books on archaeology, collab. to scientific journals; laureate of Israel Prize, 1956, & of Rothschild Humanities Prize, 1964.

47 Ramban St., Jerusalem. Tel. 33933.

YADIN (Sukenik), Yoseph; actor; mbr., management, "Cameri" theatre; b. Jerusalem, June 7, 1920; m.: Shoshana Kesselman; 1 d.; educ.: drama schools & studios, USA; co-fcunder of "Cameri"; leading roles in numerous plays; elected "Actor of the Year" (for his role in Steinbeck's "Of Mice & Men" & in "Kasablan"); first movie appearance in "Four in a Jeep"; personified his father, the late Prof. Sukenik, on television in USA, depicting story of the Dead Sea Scrolls); starred in Vienna, as Tuvia, in "Anatewka" (Fiddler on the Roof), 68-69.

68 Arlosoroff St., Ramat Gan.

YADLIN, Aharon; M.K., 59-; Gen. Secr. of Isr. Labour Pty, 72-; Dep. Min. of Ed. & Culture, 64-72; b. Ben-Shemen (Israel), April 17, 1926; m. Ada Hacohen; s.: Amos, Yoram, Amir; ed.: Hebrew University; co-founder, Kibbutz Hatzerim; for many years mbr, Presidium, Scouts Movement in Israel; p. Dir., Beit Berl (Mapai Educ. Inst.), 56-58; M.K., 59-69; mbr leading bodies of the Labour Pty of the kibbutz movement "Ihud"; chmn, Isr. Sc. Teaching Center; chmn, the Zion. Cl. in Isr.; chmn, Beit Berl Inst.; author: papers, articles, on labor affairs, youth & educational problems; of "The Aim & the Movement" (on Socialism) 1969; also "Popular Sociology".

Kibbutz Hatzerim; tel., Beer Sheba, 3608.

YADLIN, Asher; M.A. (econ.); Secr. Gen. of "Hevrat Ha-Ovdim" (highest supervising body of the Histadrut-owned econ. enterprises), 65-; Chmn, Kupat Holim Klalit, 72-; born in Jerusalem, March 1, 1923; m.: Dahlia Golomb; ch.: Anat, Omri; graduate Hebrew Gymn. "Herzlia", Tel Aviv; halutz, agric. training at Kvutzat Hamadia; app. secr. of the "United Youth Movement", Israel; att. New School of Soc. Research, New York (B.A.); City College, N.Y. (M.A.); app. secr., Union of Govt. Employees (Histadrut), 59-61; admin. mng. of Kupat Holim, 64-66; publishes (on econ. issues) in "Riva'on Le-Kalkala" (Econ. quarterly of the Histadrut); lectures at "Bet Berl", etc.

100 Bnei-Dan St., Tel-Aviv; tel. 413409.

YAFEH, Ammikam; City Engineer of Jerusalem, 62- (Dep. City Eng., 55-62); Chmn, Steering C'tee of the Master Plan f. Jerusalem; b. Israel, 27.8.1918; ed.: Technion Haifa, Civ. Eng. 40; post-grad. in the USA, 53-54; m. Dvora Shechter, 1942; d.: Nurit, Yael, Ruth; served in the British Army (as Captain Royal Engs.), 41-46; planner & designer, KKL Haifa; Dep. Batt. Comm., 48; Adj. & Ouarter Master Gen., North. Command, 49; Dep. Dir of Planning, Tahal, 54-55.

3, Zuta St., Beit Hakerem, Jerusalem; Tel. 525853.

YAFEH, Aviad; Mbr of Knesset (Labour Party), 72-; Special Consult. to the Chmn of the J.A. on Fund Raising, 71-; b. Israel, 21.9.1923; ed.: grad. Beth Hakerem Scndy Sch., 40; H.U. Jer., 45; Course f. Diplomats, 48; m. Ora Sasson, 1950; d.: Doritte, Revital; p. Pol. Secr. & Dir. of Bureau, P.M. of Israel (the late Levi Eshkol & later Mrs. Golda Meir); p. Consul of Isr., New-York; mbr of: Exec. C'tee, Brd of Govnrs & Permanent C'tee of the H.U. Jer.; C.C. of Isr. Labor Pty & its Action Bureau of Jer. Distr. Exec. Cl.; Labour candidate to the 7th Knesseth; Directorate, Tel-Aviv Museum; B'nei B'rith.

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YAFEH (Lazarus), Hava; B.A.; M.A.; Ph.D.; Assoc. Prof., Head, Department for Muslim Civilization, I. f. Asian & African

Studies, H.U.; b. 1930, Wiesbaden, Germ.; educ.: Teachers' Coll., Haifa; H.U.; to Israel, 1939; m.: Immanuel Yafeh, Assist. Dir.-Gen., Ministry f. Education & Culture; 1 s.: Yishay, 1 d.: Oritt; p. teacher second. sch., 53-58; visit. scholar & post-doctoral fellow, Harvard U.; p. Vice-Pres., Youth Section, World Union f. Progressive Judaism (52-55); publ.: Studies in Al-Ghazzali; Al-Ghazzali, The Deliver From Error" (translation); Studies in the History of the Arabs and Islam (editor); articles on Islamic Subjects & on Teaching of Arabic & Bible in secondary schools; various translations from Arabic into Hebrew.
11 Ben Lavrat, Jerusalem; tel. 33653.

YAFEH, Immanuel; M.A.; Assist.-Dir.-Gen. & Head Div. of Teachers Education, Ministry of Education & Culture; b. Lithuania, 1911; educ.: Teachers Training College; Hebrew U.; London U.; Harvard U.; to Israel, 13; m.: Hava Lazarus; 1 s., 1 d., p. Teacher, Principal, Inspector — Elementary Education, 1931-51; Lecturer, Inspector — Teachers Training Colleges, 52-58; lecturer on School Administration — Hebrew U., 65-68; Director, Department of Teachers Training, Ministry of Education and Culture, 59-65; publ.: Handbooks for Teachers (Arithmetic; Health Education); School Text-Books (Aritmetic, Poetry); children's books (mostly verse); articles on education, etc.; wrote also music for children's songs, etc.
11, Ben-Lavrat St., Jerusalem. Tel. 33653.

YAHAV, Joseph A.; Prof. of Statistics; Chmn, Dpt. of Statistics, Tel-Aviv U., 66-; b. Jerusalem, December 1935; H.U., Jer., B.A.; Stanford U., Calif. — M.Sc.; U. of Calif., Berkeley — Ph.D.; m. Aviva Levi, 1958; s.: Gilly, Amit.
Tel-Aviv University.

YAHAV, Yona; lawyer; Secr. Gen., Wld Un. of Jew. Students, 70-; b. 19.6.1944; ed.: Fcty of law, H.U. Jer.; U. of London, Diploma LL.B.; Natl Un. of Isr. Students — Chief Comptroller, 67; Dep. Pres., 68; Pres., 69.
53 Hillel St., Haifa.

YAHIL (Hoffman), Chaim; Dr. rer. pol.; lead., "Eretz Israel Hashlema"; p. Chairman, Israel Broadcasting Authority; b. Valmezirci (CSR), 25.9.1905; m. Dr. Leni Westphal; 1 s. (2nd 1 fell in 6 days' war); educ.: Prague & Vienna U.; to Israel, 1929; p. Ambas. to Sweden, Norway & Iceland (56-59); p. Director Gen., Ministry f. Foreign Affairs (60-64); p. Head, Jewish Agency Mission to D.P. Camps (1945-1949); Deputy Head, Israel Mission, Cologne, Germany (1953-1954); Head, "Hamerkaz Latfutzot" (65-); publ.: "Traeger der Verwirklichung" (39); "Scandinavian Socialism in its Implementation" (65); articles on sociology, politics, Zionism.
4 Hama'apilim St., Jerusalem.

YAKIR, Arieh; town clerk, Rehovot, 68-; b. Minsk, Russia, 27.12.1909; to Israel, 1936 (from Rumania); ed.: religious schools; HS; Bruxelles U.; m. Rina Finger, 1938; d.: Gilla Youchtman; s.: Yakov, Doron; zion. activity from early age; founder of zion. youth org. in Galatz, Rumania, 23; worked in agriculture & on construction; of employees c'tee & mbr of natl c'tee, off. of Rehovot Municip., 41-; in charge munic. employees, during many years; mbr, natl cl. & secr., Rehovot branch of the Org. of Haganah Veterans; mbr: Histadruth, Histadruth Hapekidim, etc.
9, Hakerem St., Rehovot; Tel. 955624.

YALAN-STEKELIS (Wilensky), Miriam; authoress, librarian; p. Dir., Slavonic Dept., Natl & H. U.; Library, Jerus.; (retired, 1956); b. Russia, 1900; m.: educ.: Petrograd; Kharkov U.; Institute of Judaic Sciences, Berlin; School for Librarians, Paris; to Isr., 20; publ. books of poetry & prose (1 in Russian), many of them f. children; aw. "Hadassa Lanoar" Prize for "Bimi", 1950; Israel Prize for Children's Literature, 1956 (1st award); "Yakirat Yerushalaim", 68; lastly publ.: "Two Legends"; "Voyage to Maybe-island" (in Arabic); transl. into English, Russian & German from Hebrew; translated into Hebrew, from several languages; transl. Trumpeldor's Diaries & Letters, from Russian into German.
31 Abarbanel St., Jerusalem. Tel. 32897.

YALIN-MOR (Friedman-Yellin), Nathan; engineer; political publicist; p. editor "Etgar" (Challenge) biweekly; b. Grodno, June 28, 1913; m.: Efrat Morein; 1 s.; 1 d.; educ.: Polytechnic Institute, Warsaw; p. leader, Bethar, I.Z.L., in Poland; to Israel, 1941; joined the LHI. underground; M.K., 49-51; engaged in farming, 52-65; co-founder of the "Semitic Action" mov., 1958; after the six days' war, one of the founders of the Movement for a Federated Palestine; mbr, Natl Secret. the Movement f. Peace & Security: publ. extensively on topics of Israel-Arab relations & Social un-rest in "Haaretz", etc.
75 Einstein St., Tel-Aviv; Tel. 418995.

YALLON, Shimon; economist; Assoc. Dir. Gen., Min. of Development; b. 26.4. 1910, Berlin; to Israel, 1935; ed.: French Gymn., Berlin; U. of Bonn (Econ.); m.: Ilse Meyer; 6 ch.; p. w. Egged Bus. Coop.; p. sales mng., Israel Edible Produucts Ltd.; p. Econ. Councillor, Isr. Emb., Rome; p. Consul Gen., Atlanta, USA; p. Min. f. Econ. Affs, Isr. Emb., Tokyo.
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YALOW, Samuel L.; Rabbi (ret.); b. 10.10.1892, Rakiskis, Lithuania; ed.: Slobodka, rec. ordination 1917 (from some leading Europ. & Am. Rabbis); Syracuse U.; widower; s.: Dr. A. Aaron; d.: Chaniett Lerner; Rabbi, Cngn Ahavat Achim, Syracuse NY, 16-19; pres., Rabbin. Cl., Syracuse; mbr, Natl Brd of Relig. Zion. of Am. & pres. of Syracuse NY; "Netziv Olam", Ponivezer Yeshiva of B'nei Brak; Rabbin. Chmn of Isr. Bond Drive in Syracuse; chaplain Vets Admin. & Rome State Sch., Onondaga Sanatorium; publ.: "Minchat Shmuel", Jer., 66 & "Shalmei Shmuel", Tel-Aviv, 68 (2 major works of Rabbin. novellae & responsa); over 50 scholarly

articles in Heb. & Rabbin. publications (Heb., Yiddish & Engl.); visit. Isr. 6 times; establ. resid. in Bnei Brak, 68; recip., Man of the Year Award — 66, Syracuse Heb. Day Sch.
1646-54 St., Brooklyn, N.Y. 11204, USA.

YANAIT-BEN-ZVI, Rachel; educator; b. Malin, Russia; widow of late Itzhak Ben-Zvi, second President of Israel; 2 s.; educ.: Nancy U. (eng.); founder, Girls Agric. School in East Jerusalem, 1928; & Boys & Girls Agric. School in Eyn Karem, 1948; to Israel, 1908; member, Hashomer, 1908-18; co-founder, Histadrut, 1920; delegate to World Zionist congresses; Women Workers' Intl. Congress, Paris, 1926; delegate to USA; co-founder, "Pioneer Women", 1928; author of: "Coming Home" (English, 1964); "Petra"; "Eli — My Son"; "The Sister"; mbr, Editorial Board, for publication of Itzhak Ben Zvi's works.
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YANOOV (CHETKOW), Binyamin H.; social work; Assoc. Prof., Bar-Ilan U., Sch. of soc. work; b. Canada; to Israel, 1971; ed.: Vancouver U., B.A., 51; Toronto U., M.A., 54; M.S.W., 55; Brandeis U., D.S.W., 66; m.: Barbara Willes; ch.: Miriam, Michael; chmn, Cmty Work Sem., Keren Yoseftal, Jer.; mbr, Cl. on soc. work educ., Natl Assn Soc. Workers (USA); p. speaker, conslt study c'tees; p. pres., Neighborhood Assn; p. vice pres., Indianapolis A.J.C., chptr; p. brd mbr, Indianap. Jew. Cmty Relations Council; Jew. Cmty Center, 55-60; Indiana U., Assoc. Prof., Soc. work, 67-71; partic. Intl Conf. soc. psychiatry, Jer., 72; lctr to soldiers in var. Isr. army bases; res. projects on Cmnty plann.; publ.: papers in the field of his interest.
6/11 Tor Har Hazahav St., Herzlia.

YANNAY (de Jong), Ya'acov; Mng Dir., ISRAVIA Aviation Corp.; b. Amsterdam, Nov. 2, 1926; m.: Beba Gelbord; d. Daniella; s. Arnon; ed.: Jerusalem & Geneva U.; w. Min. of Frgn. Aff., (49-); Vice-Consul Istambul (51), 2nd Secretary, Israel Legation, Ankara, (52); Asst. Dir., Econ. Dept., Min. for Foreign Affairs, (53); First Secretary, Israel Embassy, Paris, (57); Counsellor, Israel Deleg. to U.N., Geneva, (61); Dep. Chief of Protocol, Min. for Frgn. Aff., 64; Dep. Dir., Econ. Dpt., MFA, 66; Counsellor, Isr. Embassy, the Hague (68); publ. on tech. cooperation with the developing countries.
16, Nili St., Jerusalem; Tel. 32868.

YAOZ-KEST, Itamar; B.A.; poet, writer, teacher; owner & editor, Publishing Co. "Eked" & "Eked" poetry periodical; b. 1934, in Hungary; educ.: Tel Aviv U.; Hebrew U.; m.: Hana; 1 s., Ariel; 1 d., Shilhav; to Israel, 1951, published: "Angel Without Wings" (1959); "Eyes Heritage" (1965); "Coll. Poems" (1967); plays: "Light that falled" (63) & "Gidrei Laila" (66); "At the slope of her house" (69); novels: In the window of the traveling house (70); The Shadow of the Bird (71); The Incandescent Line (72); The Night Carriage (short stories, 73); The Summer of Viola (poems, 73); also anthologies, translations of poetry & prose; awarded Talpir Prize for poetry, 67.
Tel Aviv, 51 Nahmani St.; tel. 625598.

YARIV, Aharon; Aluf (Brig. Gen. Res.); Member of the Knesseth (Maarach), 74-; Spec. Cnslt. to P.M., 72-; p. Dir., Military Intelligence, IDF; b. Latvia, 1920; married; 1 s.; educ.: French Staff College; to Israel, 1935; Captain, British Army, 41-46; Haganah, 46-47; various posts in IDF., Northern Command, 48-50; Operations Div., H.Q., 51; IDF. Officers Staff College, 52-56; Military Attache, Washington & Ottawa, 57-60; w. Military Intelligence, 61-72.
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YARKONI, Yaffa; songstress; b. in Israel; m.; 3 ch.; debuted with "Hishtron", War of Independence; solo performances: Israel, France, U.S.A. (Radio City Music Hall & T.V.), South America, South Africa, etc.; many popular recordings.
23 Dov Hos St., Tel-Aviv.

YARON, Dan; Snr lctr in Agric. Econ., H.U. Jer.; advis. to: Res. Dpt., Mekorot — Isr. Water Co.; Dpt. of Econ. & Operation Res., Rupin Inst.; b. 1922, Poland; to Israel, 1935; ed.: H.U. Jer., M.Sc.; Iowa State U., Ames, USA, Ph.D.; advis. on agric. planning to Isr. Min. of Agric., 64-66, 68-69; Assoc. Prof. in Econ., N. Carolina U., 66; res. Assoc., Econ., Harvard U.; Prof., Agric. Econ., Iowa State U., 71; mbr: Edit. Brd of Israel Economic Quarterly; Public Brd on Water Projects Plann. & Devel.; above 40 prof. publ. in the fields of agric. plann., operations res., water res. devel.; important contrib.: Introduction of linar programming into agric. plann. in Isr.; Empirical analysis of the demand f. water in Isr.; recip.: Barely Prize f. res. in new immigrant villages; Rockefeller Fndn Grant f. Study & Res., Harvard U.
Faculty of Agriculture, Hebrew U., Rechovot, P.O.B. 12.

YARON, Michael; M.D.; Chief Physician, Dpt. of Rheumatology & Physical Med., Ichilov Mun.-Govt. Center, T.A., 69-; Res.-Assoc., Rogoff-Wellcome I., Beilinson Hosp.; b. Bucharest, 27.5.1937; to Israel, 1950; ed.: Ohel Shem HS, Ramat-Gan, 51-55; H.U. Med. Sch., Jer., 55-61; Rotating Internship, Hadassa Hosp., Jer., 61-62; Resident, Internal Med., Beilinson Hosp., 62-66; Trainee in Rheumatology, U. of Michigan, Ann-Arbor USA, 66-69; m. Hana Reich, 1959; 1 d.; 1 s.; mbr: Am. Rheumat. Assn, Am. Fed. f. Clin. Res., Isr. Assn of Physical Med. & Rheumat., Isr. Assn of Internal Med.; 15 sci. publications & 8 res. works in his field presented at meetings in Israel & abroad (Seatle Washington, Chicago Ill., Brighton — England).
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Hebrew U., 57; Assoc., Prof., 63; Visit. Prof. Univ. of Aberdeen, 65-66; Dean, Fcty of Law 67-71; Prof., 68; Visit. Prof. N.Y. U., 71; Visit. Prof., U.C. Berkeley. 72; author, "Gifts in Contemplation of Death in Jewish and Roman Law"; "Introduction to the Law of the Aramaic Papyri"; "The Laws of Eshnunna"; mbr, exec. c'tee, Intl Assn. of Professors & Lecturers (IAUPL), 1966-.

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P.O.B. 1565, Haifa & Kibbutz Eyn Hashofet.

YAVETZ (Zucker), Zvi; M.A., Ph.D.; Prof. in Ancient History & Head, History Dpt., Dep. Dean, FctS & Humanities, T.-A. U.; seconded to Haile Selassi U., Addis-Ababa, 62-63; b. Cernăuţi, April 26, 1925; m.: Dvorah Markus; 2 s.; educ.: Jerusalem & Oxford U-ies; Dean, Fcty. of Humanities, Tel-Aviv U., 64-66; visit. prof., Cornell U., N.Y. & U. of Pennsylvania, 66-67; to Israel, 1944; author of "Spartacus"; "Plebians in Rome", "Urban Crowds in Roman Politics (Hebrew), "Plebs & Princeps" (English, Oxford Univ. Press), 1969; also articles in scientific periodicals, in Israel and abroad.

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Comm., 56-61; w. H.U. Jer., 61-64; mbr: Council of Israel Nuclear Society, 71-; Isr. Natl Nuclear Safeguards C'tee, 60-70; Cl. of Europ. Physical Scty, 68-69; Pres., Isr. Phys. Scty, 67-69; publ. sci. papers on Cosmic Ray Physics & Reactor Theory.
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Hofit, Doar Kfar Vitkin.

YEKUTIELI, Baruch; banker, lawyer; Assist. Gen. Mng., general direction of Bank Leumi Le'Israel B.M.; b. 23.1.1926, Tel-Aviv; ed.: Reali Sch., Haifa; H.U. Jer., Fcty of Law, LL.M.; m.: Naomi Track; 2 ch.; p. Assist. Controller, Foreign Exchange Dpt., Min. of Finance.
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YELLIN, Reuven; Dir., "Kupat Holim Le'Ovdim Leumiim" (Sick Fund f. National Workers), Tel-Aviv area; b. Grodno, Poland, 26.7.1915; to Israel, 1936; ed.: "Tarbut" HS, Poland; techn. school; U. studies (soc. sci.); m. Shoshana Braude; d. Ariela Atzmon; s. Benjamin; active in Betar & Revisionist Pty, Poland & Israel; various command. capacities in IZL (Irgun Zvai Leumi), officer & mbr of headquarters, -48; detained at Latrun, Akko, 44-45; again arrested twice; in home arrest, till -48; mbr, C.C. of Tnuat Ha'Heruth, 49-66; co-founder & co-dir., "Shelah" (Shikum Lohamei Hofesh), 49; mbr, Exec. Brd "Rishonei Etzel" & Betar Supreme Court; co-founder of "Misdar Jabotinsky" and Nagid (Pres.), 65-69; mbr of exec. brds: "Haigud Haartzi Lebriut Hatzibur" "Keren Hufsha Mivtahim", Fed. of Sick Funds; Health Insurance Fund of Natl Workers; mbr, Avshalom Feinberg Memorial C'tee, etc.; articles in dailes & periodicals on workers problems, labour disputes, health insurances, etc.
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YESHAYAHU, Yisrael; Speaker of the Knesset, 72-; M.K. (Labour Pty), 49-; Ministry of Posts, 66-69; b. 14.4.1910, Sanaa, Yemen; to Israel, 1929; m. Reina Badihi; 2 s.; 1 d.; head, dpt for Yemenites & East. comm., Histadrut, 34-48; deleg., by Histadrut & Israel Govt., to organize operation "Magic Carpet" from Yemen, 48-49; founder, 45 cooperative settlements of Yemenite Jews; p. deleg. to Zion. congresses & to Assefat Hanivharim; perm. collab. to "Hapoel Hazair", "Davar", etc.; research in yemenite folklore; publ.: "Miteiman Le-Zion"; "Shvut Teiman"; "Shevatim ve-Edot be Kur Ha-Histadrut"; edited "Maslul", "Shluhot" (periodicals); elected Secr. Gen. Labour Pty, 70-71.
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YESHURUN-BERMAN, Tova; M.D.; Snr Lctr & mbr of the Cl., Fcty of Postgrad. Med. Educ., Tel-Aviv U.; mbr, Brd of Dirs & Dir., Chronic Diseases Dpt., Kupat Holim, Histadruth; b. Bielaya Tserkov, Russia; to Israel, 1923; ed.: St. Vladimir U., Fcty of Med., Kiev; postgrad. ed. in Vienna; m.; 2 ch.; Dir., Strauss Health Center, Tel-Aviv, 32-33; Dir., Dpt. of Preventive Med., Kupat Holim; Family Physician, spec. in Public Health, 33-48; Chmn, Med. Brd, Kupat Holim Center, 48-68; about 25 publications on med. topics (preventive med., preventive treatment, organiz. of med. serv. in Israel, etc.); recip.: "Folia Medica" Prize; Dr. Meyer Prize, 69.

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YINON, Jehuda; Res. Fllw, Isotope Dpt, Weizmann Inst. of Sci.; b. 27.3.1935, Berlin; to Israel, 1949; ed.: Technion Haifa, B.Sc., 60; M.Sc., 62 (El. Eng.); Weizmann Inst., Ph.D., 69 (Phys. Chem.); m.: Uni; ch.: Moshe, Yoav; Res. Eng., Soreq Nuclear Res. Center, 60-65; Res. Assoc., Jet Propulsion Lab., Pasadena, Calif., 71-73; mbr: Am. Scty f. Mass Spectrometry; Electric. & Electron. Eng. Inst.; Isr. Scty f. Vacuum Technology; sci. publ. on: mass spectrometry instrumentation; analysis of biol. compounds; detection of explosives; current works at Weizmann Inst. of Sci., in devel. of: instrumental techniques f. analysis of biol. compounds; novel detection techniques of explosives; air pollution detection techniques.

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YINON (Jung), Moshe; dir. of comps.; Dep. Dir. Gen., Bar-Ilan U., 69-; b. Nuremberg (Germany), Feb. 3, 1914; m.: Eva Kudler; 2 s.; educ.: Florence U., Bologne U.; to Israel, 1939; with "Tora v'Avoda" Movement (immigration dpt), 43-48; Dir., Professionals Div. Western Absorption Dpt., Jew Agcy; delegate to Zionist congresses; mbr, Central C'tee, Hapoel Hamizrahi; Consul Gen., Amsterdam, 60-61; Counsellor Israel Embassy, The Hague, 61-64; Dir., Hollaender Investment Co., 65-69.

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YOUNG, Douglas G.; B.Sc., BD., STM., Ph.D.; educator; Pres., Americ. I. of Holy Land Studies, Jerusalem; b. in Korea, 2.9. 1910; educ.: grad. Acadia U., Nova Scotia, Canada, 32; Faith Theol. Smnry, Delaware, USA, 38; Dropsie Coll. f. Hebrew & Cognate Learn., Phila. Pa., Department, Assyriol. & Egyptology (Ph.D.: "The Structure of the Poetry of Ras-Shamra-Ugarit"); m.: Georgina Squires; 1 s., Gordon Douglas; f. Korea to Nova Scotia, Canada, 1925; to USA, 1935 & naturalized, 1945; p. Instr., Kingston Bible Coll., N.S., 42-44; Assist. Prof., Faith Theol. Smnry, Delaware, 44-48; Prof. & Dean, Shelton Coll., NYC., 40-53; Prof. of Old Testament studies, & Dean Northwestern Coll., Minneapolis, Minn., 53-57; id., Trinity Evang. Divinity School, Deerfield, Ill., 57-63; to Israel, 1963; founder of a/m Instit. & conducted from Illinois, 59-63; Pres., Rotary Jerus., 69-70; co-founder & 2nd pres. of Natl Assn of Profs of Hebrew, USA (awarded, Brith Abraham Medal); publ.: "Grammar of the Hebrew Language" (Zondervan Publishing Co.); contrib. to Encyclopaedias, symposia, periodicals in his field.

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YUVAL, Moshe; Polit. Advis., MFA; p. Ambassador (68-71) to Peru & Bolivia; born in Dvinsk (Latvia), 24.9.1913; m. Fay Tamar Roos; educ.: Hebrew U.; to Israel, 1932; liaison officer, Jew. Agcy, 36-39; consular & dipl. assignments in New York, Washington, Shanghai, Montreal, Nicosia & on Israeli Delegation to UNO, 1948-; Ambassador to Australia & New Zealand, 58-63; Dep. Commander, College of Natl Defense, 63-65; Dir., Information Div. MFA, 66-67.

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ZACKS, Gordon; past Chairman of the Young Leadership Cabinet the United Jew. Appeal and p. Associate Chairman of the Cabinet; member key Executive C'tee of the UJA, and its Natl Campaign Cabinet; mbr of the Board of Trustees and the Exec. C'tee of the United Jewish Fund and Council in his own community, Columbus, Ohio; graduate of Ohio State University & Dir. of the Hillel Foundation there; President of the R.G. Barry Corporation.
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ZACKS FLEG, Ayala; exhibition of arts collections in Canada, U.S.A. and Israel; b. 1912, Jerusalem; ed.: Coll. de Bouffemont & Sorbonne, Paris; London Sch. of Econ.; U. of Toronto, LL.D. (hon. causa), 71; m.: 1st w. Maurice Fleg (killed in action, 1940); 2nd w. Samuel J. Zacks; work with delinquent child. in Jer. under Henrietta Szold; active in French Résistance; landed in 1944 with Allied Forces in Europe (rank of Captain); w. Deplaced Persons, Germany; active in "Aliyah Beth"; org. Canad. volunt. f. Isr. War of Independence (MACHAL); mbr brd gov. Tel-Aviv Museum; built with her husband Hazor Archaeol. Mus. at Ayelet-Hashachar; mbr brd: Can.-Isr. Cult. Fund.; Am.-Isr. Cult Fund in New-York & Isr.; gov. Weizmann Inst., Rehovot; mbr, Bezalel Acad. of Art, Jer.; recip.: Eleanor Roosevelt Humanities Award; Order of Canada.
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ZADOK (Wilkenfeld), Haim Joseph; adv.; M.K.; p. Minister of Commerce & Ind., 65-66; b. Poland, 2.10.13; to Israel, 1935; m. Esther Berger; 2 d.; educ.: Secondary & High School, Philosophy & Judaica, Warsaw U.; grad., Jerus. Law School; joined Labour Zionist Mov., in 1930; w. Hagana & Jewish Settlement Police, -48; w. IDF in war of Independence; Dep. Attorney Gen., 49-52; lctr in Comm. Law, Tel-Aviv Law School, 53-61; Chmn, Knesset Frgn Aff. & Defence C'tee; mbr, Knesset Constitutional, Legal & Judicial C'tee; mbr, Cl. of Inter-Parliamentary Union; chmn, Exec. C'tee, Heb. U., Jerus.
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ZAFRIR, David; Econ. Dir., Clal, Serv. Div., Mng., Dir. Overseas Commerce Ltd., Mng. Dir., Clal-Tex, 70-; educ.: Hebrew University, Jerusalem (Econ. & Pol. Sci.), B.A.; m. Ada Avigal, 1954; s.: Boaz, Ygal, Ehud; w. Budget Bureau, Min of Finance, 59-62; w. Israel Port Authority, 63-69: **Head of Econ.** & Comm. Div.; Head, of Finance, Port of Ashdod; Gen. Mng., "Shinua", Mariner Serv. Ltd.
16, Yavniely St., Givatayim; Tel. 744712.

ZAHN, Louis; Chmn Brd, L. Zahn Drug Co.; Hon. Dr. & Brd of Trustees, Shimer

Coll.; Dir.: Sears Bank & Trus Co.; John Howard Assn; Gottlieb Mem. Hosp. Brd of Gov. & Past Pres., Am. Cancer Scty, De Paul U. Brd Assoc.; b. 24.9.1909, Koenigsberg, Germany; ed.: Marshall HS, Chicago; m.: Frieda Kaplan; s.: Melvin; d.: Barbara Gunther; p. Pres.: Midwest Brd Am. Med. Ctr; West Towns Hosp.; Edgewater Beach Playhouse; p. Brd, Ill. Parole & Pardon; p. Brd of Dirs, Eleanor Roosevelt Inst. Cancer Res.; Chmn, Gt. Chicago Isr. Bond Drive, 60-62; Syn. affil.: West Suburban Temple Har Zion, Oak Park Temple, Chicago Loop Syn.; active in: J.N.F.; Am. C'tee, Weizmann Inst. of Sci.; Isr. Histadrut Campaign; Am. Coll. in Jer.; State of Isr. Bonds; Jew. Un. Fund; Shrinners; B'nai B'rith Covenant Club; Standard Club; Bryn Mawr Country Club; awards: Isr. Serv.; Horatio Alger; J.F. Kennedy; J.N.F.; Isr. Bond Man of the Year, 71.

1140 NE ave, Oak Park, Ill.; office: 1930 George St., Melrose Park, Illinois, USA.

ZAIT, Meir; Journalist; editor-in-chief of "Viaţa Noastră" (Rumanian language daily); b. in Rumania, 2.1.1914; to Israel, 1935; educ.: secondary in Rum., & Hebrew U.; m. Dvora Furst.; ch.: Talma, Eytan; p. mbr. Hehalutz mov. Gordonia; p. mbr. of Central C'tee thereof in Bucharest; missions: to "Hehalutz" in Rumania, 1939; to CSR, 45-47; West-Europe, 50-51.

19, Oley Hagardom, Tel Aviv; tel. 729812.

ZAIZOV-MARX, Rina; M.D.; Snr Lctr, Tel-Aviv Med. Sch.; Dir. of Pediatric Hematology, Beilinson Hosp., Secr., Clin. Pediatric Clubs; b. Israel, 8.7.1932; ed.: H.U. Hadassa Med. Sch., 58; m. Marx; mbr: Isr. Pediatric Assn, Isr. Hematologic Assn, European Scty f. Pediatric Hematology; res. works on: Fetal & Neonatal Erythropolesis; The Pathogenesis of Anemia in Leukomia; Alpha Thalassemia in Yemenite & Iraqui Jews.

2, Tosefta St., Tel-Aviv.

ZAJICEK, Ghershom; M.D.; Snr Lctr in Experimental Medicine & Cancer Research; Head, Computer Unit, H.U. Med. School; mbr of the above dpts.; Israel repres. in IFIP techn. c'tee on information processing in med. (TC 4); m. Zippora Zelikowitz; 4 s.; 1 d.; ed.: H.U. Med. School.

30, Yehoshua Bin-Nun St., Jerusalem; Tel. 02-33956.

ZAK, Moshe Itzhak; journalist; Managing Editor, "Maariv" (daily); editor of weekend supplements thereof; b. Poland, July 10, 1918; m.: Sarah Barsky; 2 s.; 1 d.; educ.: Hebrew U.; to Israel, 1936; Dep. Chmn, Israel Press Council; mbr, C'tee, Israel Foreign Policy Assn.

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ZAKAI, Moshe; Prof. of telecommunications (W. Fondiller chair) & head, Dpt. of El. Eng., Technion Haifa; b. 22.12.1926, Sokolka, Poland; to Israel, 1936; ed.: Technion Haifa - B.S., 51; Diplom. Ing., 52; U. of Illinois, Urbana, Ph.D., 58; m.: Shulamit Briskman; 3 ch.: Tamar, Michal, Noam; res. eng., Sci. Dpt., Isr. Min. of Defence, 52-56 (head, Communications Res. Group, 58-); w. Electron. Res. Labs., Columbia U., N.Y., 58; visit. lctr, Dpt. of El. Eng., U. of Calif., Berkeley; w. Appl. Res. Lab., Sylvania Electron. Systems, Waltham Mass., 64-65; w. Technion Haifa, 65-.

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ZAKAY-RONES, Zichriya; snr lctr, Dpt. of Virology, H.U., Hadassah Md. Sch., Jer. (assist., lctr, 58-70); b. 25.10.1934, Tel-Aviv; ed.: elem. & HS, Tel-Aviv; H.U. Jer. M.Sc. (Microbiol.), 57; Ph.D. (Virology), 64; m.: Arie Roneş; ch.: Ramel, Gad, Nurit; mbr: Isr. Immunologic Scty; Isr. Microbiol. Assn; Am. Microbiol. Assn; about 30 sci. publ. & several manuals f. students; lctrs in intl congresses; p. visit. lctr (virol.) Haille Selasse U., Addis Abeba; recip.: Proficiency Awards H.U., 56, 57; W.H.O. Aw. f. Exchange of Research Workers Grant, 73.

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ZAKIN, Dov; farmer; M.K. (Mapam), 69-; mbr, Dir. Maarach; p. Pol. Secr. (Mapam); born in Baranovich, Poland, 29.9.1922; educ.: Agricultural School "Ben Shemen", Tel Aviv U. (econ. & polit. sci.); m.: Tamar; ch.: Rachel, Giora, Michal; to Israel, 1937; co-founder, Kibbutz Lehavot Habashan (Hashomer Hatzair), 1940; initiated establishment of party's Arab branch in Vadi Arab, 46; on mission of Youth Aliah to Cyprus immigrants camps, 47; on mission to H.H. youth movement, USA., 50-63; party spokesman, Mapam, 65; in charge of the Information Office, Mapam; secretary to Israeli Peace Movement, 59-61; Mapam Political Secretary, August 68-; publ. mainly in "Al Hamishmar", "Basha'ar", "Heidim", on polit. topics.

Kibbutz Lehavot Habashan, Upper Galilee.

ZALAIT, Nessim; artist, painter; paint. teacher, 55-69; b. Baghdad, 1923; to Israel, 1951; ed.: Acad. of Fine Art, Baghdad; Paint. Teachers' Smnry — Hamidrasha Le'morim Le'ziur, 53; Avni Inst. of Arts, 56; m. Ahooba Levy, 1957; d. Irit; p. paint. teacher in Iraq; zion. illegal activity in Iraq; mbr, Isr. Paint. & Sculpt. Assn; exhibited in various group shows in Israel & abroad; Prize, & works acquired, by Min. of Education & Culture, Monaco Prize, Modern Art Exhibition; Grant of Jerusalem.

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ZAMBROWSKY, Zemach Menachem; Rabbi; Hon. Ph.D., Bar-Ilan University; Canadian Zion. & Jew leader; b. in Warsaw, 19.4.1911; educ.: Orthodox Rabb. Smnry of America; married, Belle Lifschitz; daughter: Rena Bender; son: Joshua, LL.B.; chmn, Hamizrachi-Hapoel Hamizrachi World Org.; co-founder, Bar Ilan University & hon. pres. Canadian Friedns thereof; mbr, presid., Gen. Council (A.C.) of W.Z.O.; co-founder: Zion. Fed. of Can.; Jew. Pavillion Expo 67; p. mbr brd, Intl Org. f. Israeli Bonds; mbr Inner exec., UIA; Natl Chmn, Relig. Aff., Canadian Jew Congress; honored by the

Govt of Canada at Cent. Celebration; p. leading mbr of Am Zion Emergency C., 1948; delegate to WZ Congresses s. 1937 & presidium mbr at past six Cs; on Jew & Zionist missions to Europe, Israel, etc.; p. deleg. to All Am Jew Conferences; p. spiritual leader of Heights Jew Centre, Cleveland, Ohio; mbr rabb. council & lctr Jew. Teachers' I.; p. Rabbi Shevet Achim cngrn, Montreal; columnist, Anglo-Jew Press & brdcasts; p. pres. Brd Jew Ministers of Greater Montreal; p. head table guest at reception H. M. Queen Elizabeth & repres. Canada Rabbinate at Natl Family Conference convened by H.M. in Ottava; mbr brd, United Mizrahi Bank & other Zion. Relig. bodies in Israel.

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ZANBAR (Sandberg), Moshe; M.A. (Econ.); Governor, Bank of Israel, 71; p. spec. adviser to Min. of Finance, Comm. & Ind., -70; p. Chmn, Indust. Development Bank of Israel Ltd.; b. Hungary, 1926; m.: Bracha Rabinovici; d.: Shlomit, Naava; educ.: Hebrew U., (Economics, Statistics, & Sociology); to Israel, 1948; Asst. Dir., State Revenue, -1963; Economic Adviser to the Minister of Finance, 63-64; Dir. of Budgets & Econ. Adviser, 64-68; p. vice-dir., Isr. Instit. of Applied Social Research, -58; sen. lectr. on statistics, Hebrew U., 57-61; publ. "My Longest Year", (1967, by Yad Vashem); papers & articles on various econ. topics; "Yad Vashem" Prize, for memoirs on Nazi persecutions.

44, Pinkas St., Tel Aviv.

ZAN-BAR, Shimon; Secr., Trade Union of Metal, Electric. & Electronic Workers, 48-; b. Poland, 1908; to Israel, 1929; secondary educ.; s.: Itzhak, Israel; p. mbr, kibbutz Ajelet-Haschachar; 29-34; work, Pal. Electric Co., Refineries Haifa, Solel-Boneh, etc.; mbr: Histadruth Executive, C.C. Labour Pty; exec. brd of: "Mivtachim", "Margoa Laoved", Brit Hapikuah Al Kupot Hatagmulim u'Kranot Hapensia.

180, Ibn Gvirol St., Tel-Aviv; Tel. 447321.

ZAND, Michael; orientalist; Prof., Inst. of Oriental & African Studies, H.U. Jer., 71-; D.H.L. Honoris Causa; b. Kamenets-Podolsk, USSR, 16.4.1927; to Israel, 1971; ed.: Moscow State U. (Summa Cum Laude), 50; m. Nelly Sheynin, 1949; d. Inna; s. Eliyahu; res. worker: Inst. of Tajik Lang. & lit., Tajik SSR Acad. of Sci., 51-57; Inst. of Orient. Studies, USSR Acad. of Sci., Moscow, 62-71; Head, philolog. dpt. & mbr, edit. brd, "Narody Azii i Afriki" bi-monthly, Moscow, 64-69; cnslt editor, "Soviet Literary Encyclopaedia", 64-71; active in the democratic movement in the USSR, since 1967, fighting for right of Jews to repatriation in Israel and excluded from his positions & arrested; conducted an unterground Ulpan, 68-69; wrote "The Jewish Question in the USSR", 70, considered as manifesto of the present Jewish natl movt. in Russia; also "Your Maternal Tongue" & some other documents of the movt.; some of his Heb. poems, signed Menahem de'Razin, were sent illegally to Israel, 70 (one of them, "Pardon me, my God", set to music by Zvi Ben-Porat); publ. 140 works, incl. 20 books, mainly in the field of Iranian studies; i.e. in Tajiki: Selected Poems of Avicenna. 53; Quatrains of Omar Khayam, 55; Rudaki — The Elect of Poetry, 57; in Russian: Writers of Tajikistan, 57; Abul-Quasim Lahuti, 57; Catalogue of Oriental MSS of the Tajiki Acad. of Sci., vol. 1-4 (w. others), 60-68; Jami's Baharistan translated, prefaced & comented, 64; in English: Six Centuries of Glory, 67; fllw, Jew. Acad. of Arts & Sci., USA; hon. mbr, Am. Assn of Jew. Studies; mbr, Union of Journalists, Isr.

75/5 Sderot Eshkol, Jerusalem.

ZAR, Mordehai; M.K. (Labour-Alignment); mbr, Central C'tee, Labour Pty; mbr Secr., Jerus. Labour Council, heading its cultural dpt; chairman, Federation of Iranian Jews in Israel; b. Mashad (Persia), 1914; w.; 2 s.; 3 d.; to Israel, 1936; served various capacities, in Haganah & IDF.

15 Shmaryahu Levin St., Jerusalem.

ZARCHIN, Alexander; Technical Eng.; inventor; b. Ukraine, 1897; m.: Sara Slonimsky; educ.: Technological Institute, Leningrad; scientific work, at Technological Inst. ,Gas Instit., Water Supply Instit., Leningrad; holds over 20 patents for various chemical, physical and mechanical processes, notably desalination of sea-water, embarked upon in Israel, in cooperation with an American concern; patented the "freezing" process, successfully introduced at Eilat.

10a Ruppin St., Tel-Aviv; tel. 234691.

ZARITZKI, Yosef; painter; b. Borispol, Russia, 1891; m. Sarah Zevin; 1 d.; educ.: Academy of Art, Kiev; to Israel, 1923; One-Man shows: Stedeljik Mus., Amsterdam, 1955; Palais des Beaux Arts, 1956; paintings in permanent collections & Museums: Amsterdam, Brussels, Baltimore, Venice, Tel-Aviv, Jerusalem, etc.; Dizengoff Prize, Milo Prize, etc.

78 Ben Yehuda St.,, Tel Aviv.

ZASLAVSKY, Dan; Civ. Eng.; Prof., Soil & Water Eng., Technion Haifa; res., Teach. & cnslt in Soil Physics & Eng., Hyraulic Eng., Drainage & Amelioration; cnslt eng., D. Zaslavsky Engineers Inc.; b. 12.5.1931, Givat Brenner; ed.: Technion Haifa - 50-54, B.Sc. (Hydrol.); 54-55, Diplom. Eng. (Civ. Eng.); 55-57, M.Sc. (Hydraulic Eng.); 57-60, Ph.D. (Soil Physics); m.: Aviva Rabinovitz; s.: Amos; 2 d.: Michal, Ruth; cnslt on drainage, soil & water eng., Tahal - Water Plann. of Isr., 61-65; p. w. Agric. Res. Dpt., US Dpt. of Agric.; books: Physical Principles of Percolation & Seepage, UNESCO Paris, 68; co-auth. w. Prof. J. Bear & Prof. S. Irmay; numerous papers on hydrol., drain., soil phys., saturated & unsaturated flow in porous media, thermodynamics of soil wa-

ter, etc.; mbr: Geophys. Scty, Isr.; Clay Scty, Isr.; Intl Soil Sci. Scty, etc.
22 Nehemya St., Neve Shaanan, Haifa; tel. 221932.

ZAUDY, Bertil; Marketing Mng.; mbr WZO's Actions C'tee; b. in Stockholm, 17.8.42; M.A. in Bus. Adm, The Stockholm School of Econ & Bus Adm.; V. Chmn, Wld Union of Jew. Students.
Beckombergavaegen 3/1214, Bromma, Sweden.

ZEEVY, Rehavam; Aluf (Res.); p. Gen. Off. Command. (68-73), Central Command. IDF; born in Jerusalem, 1926; educ.: HS; w. Palmach. Hagana, IDF, all campaigns; m.; 5 ch.; milit. courses, USA; Chief of Staff, Southern Command, 55-57; Chief of Staff, Central Command, 61-64; Ass., Chief of Operation Div., G.H.Q., 64-68; on frgn. aid missions to African & Asian countries.
Ramat Hasharon.

ZEHAWI, Yekutiel Zwi; M.A., Ph.D.; author, educator; mbr, Govt. Cl. f. State Religious Education, 52-; b. Hungary, 20.2.1902; to Israel, 1925; ed.: HS & Rel. Colleges, Hungary; Teachers' Coll. & H.U., Jer.; m. Chava Beregi, 1948; mbr, C.C. of: Teachers' Org., Hapoel Hamizrachi, Educational Archiv; Pres. of Synagogue, Megurim Quarter, T.A.; p. Pres.; Relig. Teachers' Org.: B'nai B'rit, "Hilel Hanassi" Lodge; p. Principal, Pinkas School, T.A.; mbr: World Un. of Jew. Studies; Macabee — Zion. Scty (founded by Herzl. Budapest 1903); author of: "Tnuat Hahitbolelut be'Israel", 43 (recip., Hurgin Prize, by the H.U.), "Mivhar ha'mahshava ve'hamussar ba'Jahadut" (from Saadia Gaon until modern times), 54; "Mea'Chatam Sofer vead Herzl", 66, 67 (recip., "Pres. Ben-Zwi Prize" & "Max Nordau Prize"); "Me-Hitbolelut Le'Zionut" (in printing); articles on educ., lit. & historical topics in "Hazofe", "Bisdeh Chemed", "Hed Hachinuch", "Uj Kelet", "Sinai", "Gvilin", etc.
23, Derech Haifa, Tel-Aviv; Tel. 254950.

ZEHEB, Ezra; Snr Lctr, Technion Haifa, 69-; b. Haifa, 2.3.1937; ed.: Technion — 54-58, El. Eng.; 60-62, M.Sc. E.E.; 62-66, D.Sc. E.E.; m. Ruth Project, 1960; s. Oren-Avishai, Noah; Officer, IDF, 58-60; p. Head, Electron. Dpt., Ministry of Def.; Assist., Instructor & Lctr, Technion Haifa, 60-67; Visit. Assoc. Prof., U. of Missouri & Stevens Inst. of Techn., USA, 68; mbr, techn. staff, Bell Tel. Labs., USA; snr mbr, IEEE; mbr: Am. Math. Scty, Isr. Math. Union; author of about a dozen original sci. articles, in intl professional journals; organizer of several conferences & symposia in Israel & abroad.
9a, Yaarot St., Haifa.

ZEISEL, Yerucham; Mayor of Haifa, 73-; b. Galicia, 1909; to Israel, 1932; ed.: scnd. sch., -28; active in "Hashomer Hatzair" & "Hechalutz" Poland, -32; p. mbr, kibbutz Eyn Hamifratz; active in Hagana; worked Pal. Elec. Comp., 33; active in Metal Workers' Assn, 34-35 (secr. thereof, 36-40); in charge of worker security, Pal. Elec. Comp., N. Area; mbr, Haifa Councillor, 61-, mbr of Exec. C'tee, schmn of the Cult. & Saving c'tees; mbr of various other c'tee; schmn, Kiryat Hayim local Cl.; mbr of C.C. & Secr. of Haifa Area, Labour Pty.
75a, Kiryat Hayim; Tel. 724502.

ZEITLIN, Joseph; Rabbi em., Riverside Syn., NY; prof. of speech. U. of Bridgeport; advis. to pres. of Am. Coll. in Jer.; b. New York City; ed.: City Coll. NY, B.A., 26; J.T.S. — Rabbi, M.H.L., 30; Columbia U., M.A., 41; Ph.D., 45; Diploma, Phila. Sch. of Expression & Dramatic Art; m.: Josephine Cohen Gershman; 1 d.; 2 s.; p. Rabbi: Temple B'nai Jeshurun. Phila.; Temple Ansche Chesed, NYC; Town Club of NYC Chaplain; p. chmn, exec. c'tee, Rabbin. Assbly of Am. (p. chmn of soc. justice c'tee); p. natl chmn of speakers, Bur. of Un. Syn. of Am.; p. chaplain, Hon. Legion of Police Dpt. of NYC; p. mbr, Natl Assn of Authors & Journalists; lctr f. Natl Confer. of Christ. & Jews; publ.: Disciples of the Wise; Hebrew Made Easy; Speech Power Through Listening; Speech Power (how to convince people); recip.: Legion of Honor Medal, Eloy Alfaro (S.Am.); Medal of Honor, Snr Jew. Chaplain, Police Dpt. NYC; Found. Fellow Am. Coll. in Jer.; citations & plaques, UJA, Fed. of Jew. Charities.
25 East 86 St., N.Y. 10028, USA.

ZELTNER, Zeev Wladimir; Pres., District Court, Tel-Aviv; chmn, c'tee f. reform of the Corp. Law; chmn, c'tee for reform of secondary education; born, Kiev, 19.1.1909; widower; 1 s.; 1 d.; ed.: Berlin, Leipzig, Heidelberg, Paris Universities; to Israel, 1936; adv. in private practice, 1941-1949; app. District Court Judge, 49; Acting Justice, Supreme Court, 52; Relieving Pres., Distr. Court, 53; for five years Dean, Faculty of Social Sciences, School of Law and Economics; Asst. Dean, Law faculty, Hebrew U., Tel Aviv Branch, 59-61; chairman, Board, for Restrictive Trade Practices, 60-; Ass. Prof., H. U., 64-; Prof., T.A.U., 71; author of "The Development of Socialism from Science to Utopia"; "On Contracts"; editor, "Hapraklit"; "Law and Economics", 51-63; numerous articles on law & political science; Tedeski-Zeltner, Law of Sale, 72; Prize of the State of Israel, 71; Dist. Gvrn, Rotary, 71/72.
39 Hashoftim St., Tel Aviv.

ZEMANEK, Arie (Erich); conductor (rank of superintendent of Police); Dir., Police Band, 60-; Senior Lecturer, Rubin Acad., Jer.; b. Prague, 20.3.1918; to Israel, 1939; ed.: Jer. Acad. of Music, Amsterdam Conservatory, Acad. Chigiana — Siena; m. Andrea Levie, 1945; 3 s.; teacher at the Intl Summer Acad., affiliated to the Salzburger Mozarteum, 69-; assoc.-conductor, Haifa Symphony Orch., 51-52; p. guest-cond., Kol Israel Symphony Orch.; p. cond.: Gadna Orch., Kol Israel Choir;

mbr, Rotary Club, Jer.; concerts in Israel, Holland, Italy, Austria.
9, Abrabanel St., Jerusalem; Tel. 36094.

ZEMER, (Zager), Moshe; B.A.; B.H.L.; M.A.; Rabbi, Kedem Syn., Tel-Aviv; treasurer, C. of Progressive Rabbies in Israel; Representative of the World Union for Progressive Judaism in Israel; b. Kansas City, Mo. 1.1.32; m. Ilana Koren; 2 d.: educ.: UCLA; Hebrew Union College — Jewish Institute of Religion, Cincinnati; Hebrew U.; Phi Beta Kappa & awarded Charles E. Merril Fellowship from Hebrew Union College for study at Hebrew U., 60-61; Rabbi, Temple Emanuel, Baltimore, 61-63; lctr, Baltimore Heb. Coll., 62-63; found., Progr. Congregations: Ramat-Gan, 63; Tel-Aviv, 66; Nathanya, 69.
4, Levitan St., Neve-Aviv, Tel-Aviv, Tel. 410985.

ZEUGER, Hans; writer, lctr (Theosophy, Parapsychol., Astrology); Pres., Theosophical Scty in Isr.; mbr of brd, Isr. Scty of Parapsychol., Tel-Aviv; leading astrologer in Isr.; b. 30.8.1901, Vienna; to Israel, 1931; ed.: U-ies of Berlin & Vienna (Phil.), M.A.; m.: Edith Rampp; brd mbr, Hitachdut Olei Austria, 38-; co-org., wlfr-scheme f. new immigrants from Austria; settled in Moshav Tel-Shahar, 53- (soc. instruc., secr., mbr of local cl.); p. Admin. Assist. Dir., Dpt. of Civ. Aviation, Brit. Mandat. Govt.; later empl. in Isr. Treas.; p. Pres., Vegetarian Scty, Jer.; p. Chmn: Curatorium "Shesheth" (Jew. Blind Assn); local cl., Sheikh Badr - Givat Ram, Jer.; appoint. Presidential Agent f. Isr., by Intl Pres. of Theosoph. Scty, Aydar-Madras, India; deleg.: Europ. Cngr. (England, 62) & Wld Cngr. (Austria, 66), of Theosoph. Scty; Convention, Parapsychol. Fndn N.Y., France, 66; publ.: "Judas, The Man from Kariot" (drama), 44; transl. & articles in Heb. & frgn lang.; appear. on Radio & TV; cert. "Highly gifted persons", Min. of Sci., Art & People Ed., Berlin.
76805 Tal-Shahar, Mobile Post Emeq Soreq; tel. 03-963298.

ZEWIN, Shlomo Yoseph; rabbi; editor-in-chief, Talmudic Encyclopaedia; Pres., Rabbi Herzog World Academy (Union of literary-religious Enterp.); mbr, Supreme Rabinn. Cl.; b. Russia, 90; m.: 2 s.; 1 d.; p. rabbi in several Russian cities; p. mbr of Ukrainian Parliament, Kiev, 1918; to Israel, 1934; awarded Israel Prize: author of "Hamoadim Bahalakha"; "Leor Hahalakha"; "Sofrim u-Sefarim" (3 vols.), etc.
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ZIEGLER, Zvi; Assoc. Prof. of Math., Dpt. of Math., Technion, Haifa, 70-; b. Lvov, Poland, 7.2.1939; to Israel, 1946; ed.: Technion (Math.) — B.Sc. 60; M.Sc., 61; Stanford U., Calif. USA, Ph.D. (Math.), 64; m. Ilana Roll. 1964; d.: Karni, Naama, Tamar; Lctr, UCLA, 64-65; Res. Assoc., Stanford U., 65, 67; Assoc. Prof., U. of Wisconsin, 68-69; mbr: Isr. Math. Union; Am. Math. Scty; Scty f. Industrial & Applied Maths.; invited to lecture at 5 intl conferences on Inequalities & Approximation Theory; publ. about 20 research works.
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ZIFRONI, Abraham; M.D.; cnslt in lung diseases, Rokach Memorial Center, Jer., 62-; b. Poland, 10.8.1907; to Israel, 1934; ed.: Heb. Gymn., Bialystok; Basel U., Switzerland; m. 1934; d.: Yael, Anat; Dir., Hadassa Hosp. f. lung diseases, Safed, 49-57; founder & p. pres.: Magen David Adom & Rotary Club, Safed; p. pres., B'nai Brit, Safed; Fellow, Am Coll. of Chest Physicians; papers on lung diseases in Isr & English med. journals.
6, Harav Maymon St., Jerusalem; Tel. 5214846.

ZIFRONI, Gabriel — see Cifroni.

ZIMHONY, Zivan; engineer (M.Sc., I.E.); Co-Gen. Manager, Heshet Ltd., Research Methods Planning & Mngmnt Cnsltnts, Haifa; snr lctr (part time), Production Planning & Control, Technion Haifa; b. 20.2.1933, Haifa; ed.: Technion - Mec. Eng,. 54-57; Indust. Eng. & Mngmnt (M.Sc.), 57-59; married; 3 ch.; mbr: Isr. Mngmnt Consultants Assn; Isr. Operation Res. Assn.
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ZIMMERMAN, Rubin B.; industrialist; Pres.: Zimmcor Canada; Zimmcor Alubin, Isr.; Modern Aluminium, Engl. & France; b. 8.12.1927, Belz, Bessarabia; ed.: interruped by war; m.: Faigie Yampolsky; ch.: John, Mark, Shirley, Stacy; Pres., Jew. Cultur. Assn, Montreal; co-Chmn, Montreal Isr. Bond. Org.; Trustee, Allied Jew. Community Serv., Montreal; Dir.: Canada Isr. Corp.; Fndn f. Judaism; Natl Vice Pres., Bar Ilan U.; Vice Pres.: World Bessarabian Jewry; Pavillion of Judaism, Montreal; Dir. & Gvnr, Jew. Gen. Hosp.; Gvnr: Montreal Y.M.H.A.; Shaare Zion Cngn; contrib.: H.U. Jer. - dormitory; Technion - Sci. Glass Blowing Inst.; maintain houses in Montreal & Haifa & divide his time between Canada & Israel.
196 Netherwood Crescent, Montreal, Quebec H3X 3H5, Canada; 5 Henrietta Szold St., Haifa; tel. 80316.

ZIMMERMAN, Zvi (Henryk); M.K. (Herut-Liberal Bloc); Mag. Juris; adv.; b. Poland, Jan. 2, 1915; m.: Miriam Rosen: 2d.; educ.: Cracow U.; p. chairman, Kadimah Assn, Cracow; Vice-Chairman, Zionist University Graduates in Poland; during war, in underground operations against Nazis in Poland, Slovakia, Hungary, Rumania; chairman, Refugees C'tee, Budapest & Bucharest; entered Israel illegally, 1944; mbr, central bodies, General Zionists Pty (later Liberals); municipal councilor, Haifa, 51-59; member of fourth, fifth and sixth Knesset; elected Dep. Speaker, 1969-.
49 Sea Rd., Haifa.

ZIMMERMANN, Regina; Ph.D.; mbr, World Wizo Exec. C'tee, 46-; Chmn, Wizo Women's Centres; b. Cracow; w. (late B. Zimmermann); educ.: Cracow U.; to Israel, 1934; mbr, staff of "JOC", Galicia, 18-26; vice-pres., "Wizo", Poland, 27; editor, "International Labor Office" pamphlets; undertook numerous org. & fund-raising missions for Wizo all. over the world.

"Wizo", 38 Shderoth David Hamelech, Tel-Aviv.

ZINDER, Zvi Harry; B.Sc.; journalist; b. Pennsylvania, Aug. 26, 1909; m.: Hemda Feigenbaum; 2 s.; educ.: North Western U.., Chicago; Journalist (in U.S. & Israel), since 1934; "Time" and "Life" corresp., during world war II; press officer, Israel Embassy in Washington, & UNO Delegations; Dir., Kol Israel Broadcasting Service, 54-60; Dir., Central Office of Information, 60-62; Admin. Dir., Educational Television Trust in Israel, 62-64; Admin. Dir., Harry Truman Res. Center, H. U., Jer., 64-71; Mng. Dir & partner, ZINKOE Productions Ltd. (films, T.V., etc.), 71-.

31 Ben Maimon Ave., Jerusalem.

ZINMAN, Philip; Natl Chmn, UJA, 63-73; Brd of Dirs, Phila. Chpt., Am Technion Scty, 58; Mortgage Banker; b. Phila, Pa., 18.7.1904; ed.: Central H.S., Phila. Pa., 21; B.S. (econ.) Wharton Sch. U. of Penna, 25; Law School Temple U., 25-29; m.: Zola Nelson, 24.6.32; ch.: Sally Lou; (Mrs) Anne Z. Lorch; p. pres & mbr of: Camden County Real Estate Brd, 49; N.J. Chpt Am I. of Real Estate Appraisers, 41; N.J. Mortgage Bankers Assn, 56-57; Camden Chpt, N.J. Scty of Residential Appraisers, 41; N.J. Mortgage Bankers Assn Educational Fund, 62; Charter mbr: Home Builders I. of Am, 41; Assoc. mbr: Am I. of Management, 49; Presidents Council of Am. I. of Management, 66; Hon. Chmn of Brd & Cnslt: Assoc. Advisers, Inc., Chmn & Dir., 70-73; Assoc. Mrtg. Co., Inc., Chmn & Dir., 62-73; Assoc. East Mrtg. Co., Chmn, 60-73, Pres. & Dir., 43-; Philip Zinman & Co., Prtnr, 25-67; Pres., 67-70; Chmn, 71-73; Dir., 67-72; Dir. & mbr of Exec. C'tee: First Pennsylvania Corporation, 69-; Trustee & Pres., First Pennsylvania Mortgage Trust, 70-; also: State of Israel Bond Effort, 52; Phila. c'tee Israel Bond Effort, 54; Phila C'tee State of Isr. Bond Award for Inspiring Leadership, -61; Big Wheel Award, State of Israel Bond Org., 55; Am. J. Comm. Aw. of Honor f. 20 Years service, 45-65; Jew. Feder. of Camden County First Ann. Comm. Aw., 59; Natl Brd, Bonds, 56-57; mbr, brd & Campaign Clearance C'tee, Feder. of Jew. Agencies of Phila., 58; Advisory C'tee on Hebraic Studies, Rutgers U., 61; p. pres. & dir. of the Phila. Chpt Am Friends H. U., 59; Vice Pres., Am Friends Hebrew U.; p. chmn: Bonds, New Jersey, 56-60; Camden, N.J. Allied Jewish Appeal, 48-49-59; State of N.J. United Jew. Appeal, 59-60; citation, Gvt of Israel, f. outstanding devotion to UJA., 1963; Pres., Isr. Educ. Fund, 71.

902-B Elkins Park House, Elkins Park, Pennsylvania, USA.

ZIRINSKY, Victor J.; C'tee mbr, Keren Hayesod, the United Jewish Appeal of Hong Kong; Honorary Consul Gen. of Israel, Hong Kong; Comp. Dir.; b. in Vladivostok, Russia, 23.10.1920; educ.: McGill University, Canada, M.SC.; m.: Joan Saphiere; ch.: Sonia, Linda, Jacob.

5 A, Repulse Bay Mansions, Repulse Bay, Hong Kong.

ZIV, Amyel; Mechan. Eng.; Mng. Dir., Herouth Ltd., Mech. Eng., 71-; b. 24.6.1936, Tel-Aviv; ed.: Technion, Haifa; m. Gabriela Morgenstern, 1960; 2 s.

40 Habanai St., Jerusalem; tel. 521661.

ZIV, Avner; psychologist; Snr Lctr in Psych., Tel-Aviv U. & Bar-Ilan U., 65-; b. Bucharest, 3.11.1930; to Israel, 1949; ed.: Sorbonne U., Paris (Psychol.) — M.A., 59; Ph.D., 64; m. Dina Hoffman; ch.: Michal, Noemi; coordinator of educ. counseling program, Tel-Aviv U.; coordinator of grad.-program in educ. psychol., Bar Ilan U.; Chmn, Educ. Psychol. Div., Isr. Psychological Assn (Chmn, Tel-Aviv area, 65-67); p. Dir., Central Psychol. Clinic, Tel-Aviv· founding-mbr, Intl Scty of Group Functioning, S.I.E.F.G., Paris; mbr: Intl Assn of Applied Psychol.; Hon. C'tee, Intl Group of Psychoterapeutic Studies, Paris; Clin. Div., Isr. Psychol. Assn; books: "La vie des enfants en collectivité", Paris 65; "The Intelligence"; sci. editor of "Textboks for Parents" (Hebrew); editor, "Educational and Developmental Psychology"; 35 articles & research reports in psychol. journals in English, French & Hebr.; res. cnslt, f. projects on child development research, U.N.C.A.F., Paris; psycho-educational film. "Nous sommes ensemble", U.N. Film Library, 65.

26, Benayahu St., Ramat Gan; Tel. 39654.

ZIV, Yoram; Dir. Gen., Icofex - The Israel Company for Fairs & Exhibitions, Ltd. 71-; b. Israel, March 1937; ed.: Grad. of the H.U. Jer., in Econ., Intl Relat. & Bus. Adm.: m. Tamar Gurman; 3 d.; Comm. Attaché, Isr. Embassy in Belgium & Luxembourg; mbr, Isr. Mission, to the Europ. Econ. Community, 62; Comm. Attaché, Isr. Embassy, Paris; app. 1st Secr. (Econ. Affairs) in charge of the Econ. Mission, 65; Econ. Adviser to the Dir Gen., Min of Comm. & Indus., 68; Econ. Adviser to the Min. of Comm. & Indus., Head of the Min.'s Office, 69.

23, Guatemala St., Jerusalem; Tel. 35042.

ZIV-AV, Itzhak; writer; journalist; Dir. Gen., Isr. Farmers' Federation; editor, Farmers monthly; Chmn, exec. brd., Coordinating Bureau of the Econ. Org.; chairman, Econ. Committee, Absorp. Min.; Development Committee, Land Authority; b. Smolensk, June 4, 1907; m.; 2 s.; educ. Institute of Pedagogy, Smolensk; to Israel, 1926; managing editor, "Haboker" (daily), 35-48; dir., Public Relations division, Ministry of Defence & G.H.Q., IDF., 48-52; mbr, Board of Dirs, Jewish National Fund; mbr, Council, Israel Land Directorate; mbr. brd., "Habi-

ma"; author of "The Unknown Land"; "I Seek My Brethren"; "The Price of Freedom"; "Forever Ours"; "From Frontier to Frontier"; "A World to Live In"; "Another World"; etc.
20 Narkissim Blvd., Ramat-Gan.

ZOHAR, Haim; M.A.; Exec. Dir., World Commission on Jewish Education; p. Head, Students' Authority, Ministry of Immigr. Absorption; p. Consul of Israel, N.Y.; p. Director, Govt. Press Office, Jerusalem; b. Sasow (Poland), Sept. 15, 1925; m.; Berthe Roitman; 1 s.; 1 d.; educ.: Liphsitz Teachers' Training College, Jerusalem; Hebrew U.; London School of Economics; to Israel, 1935; p. teacher, press correspondent, Jerusalem, London; articles in local and foreign press; literary research (on M.H. Luzzatto's Aliya to Palestine).
2 Oliphant St., Jerusalem; tel. 33445.

ZOHAR, Miriam; actress "Habimah", National Theatre; b. in Cernăuţi; to Israel, 49; main roles: Peer Gynt, Brothers Karamazov, King Lear, Anna Christie, The Miracle Worker, Hana Senesh, Requiem For A Nun, Who Is Afraid Of Virginia Woolf, Delicate Balance, Rose Tatoo, etc.; awarded "Habimah" Gnessin Prize, Milo Club Prize, National Club Prize, all for Best Acting; married to Arieh Gelblum, Journalist & P.R. exec.; 2 d.
Habima Theatre, Tel Aviv.

ZOHAR, Uri; actor; film director & producer; showbusinessman; b. Haifa, 1935; educ.: Hebrew U.; appearances with "Batzal Yarok", Hamam Theatre, film, radio broadcasts; directed; 6 Israeli movies; etc.
108, Dizengoff St., Tel Aviv.

ZOLLER, Sigmund; Accountant & Income Tax Adviser; b. in Brăila, 12.12.19; m. Ruth Schaechter; s. Yehoshua, Michael; co-founder, Haoved Hazioni in Rumania; p. mbr, of the Exec. C'tee, of the Zion. Organization in Rumania, 44-46; to Israel, 1948; p. off. of Jew Agcy (Ulpanim dpt.), 48-58; private practice, S. Zoller Adv. Office, Hasharon St., 4, Tel Aviv.
Bat Yam, Haatzmaut Bd., 52a.

ZONDEK (Wolfsohn), Gerda; M.D.; b. in Germany; studied at Koenigsberg, Freiburg/Breisgau, Breslau, Kiel, Berlin U-ies; m.: to Prof. Hermann Zondek; to Israel, 1935; active f. "Akim", Scty f. retarded children; publ., (in collaboration with H. Zondek) papers on various endocrinological subjects, i.a.: Retinitis pigmentosa und Hypophyse; A Contribution to the Question of the Secretion of the Fetal Islands of Langerhans; Myxoedema and Psychosis; "Primary Glaucoma and the Pituitary-Diencephalic System"; "Die Krankheiten der Endokrinen Druesen", 1953 (in collab. with Prof. Hermann Zondek); "Le Malattie delle Ghiandole Endocrine", 57 (in collab. with Prof. H. Zondek).
8, Ben Maimon St., Jerusalem; tel. 39001.

ZORITTE-MEGGED, Eda; writer, painter, teacher; b. 1926, Tel-Aviv (maiden name: Zirlin); ed.: Levinsky Teacher's Smnry, Tel-Aviv; Drama Sch., New York; m.: Aharon Megged; 2 s.; publ.: Two Plays of Love: The Crystal Ball, Last Game; The Thread of Ariadne; Sombre Blossoming (novel); The Sacrifice and the Covenant (monography); The Happiest Years (novel); essays on poetry included in anthologies; paint. exhibitions, 66. 71.
26 Ruppin St., Tel-Aviv; tel. 232579.

ZUCKER, Louis Clement; Prof. Em., English & lctr, Judaics, Utah U.; co-found., Salt Lake Distr. & Pres., ZOA, 46- (V.P., South-West Reg., 56-58); found. & secr., Salt Lake Chpt, Am. Friends, H.U., 52- (mbr, Natl Cl.; mbr, Am.-Isr. Public Affs C'tee, Natl Cl.); b. 10.4.1895, Phila., Pa.; ed.: Gratz Coll.; Dropsie Coll.; HUC; Pennsylvania U., B.A., 19, M.A., 20; Wisconsin U., Ph.D., 28; m.: Ethel Kaplan; s.: Anatole; co-founder, 46, Hillel Counselorship, Utah U. & p. Fcty Advis.; mbr: ZOA; West. States Jew. Hist. Assn; Kol Ami Cngrn, S.L. City; Am. Modern Language Assn; Am. Assn, U. Profs; Utah State Hist. Scty; Utah Publ. Cl., 57-59 (Chmn, 58-59); Sch. Standards C'tee, Utah U., 59-63; Brd, Am. Civil Liberties Un.; co-found. & pres., Utah Folklore Scty, 58-60; contrib. to: Encycl. Judaica; "Dialogue", "Mormons" quart.; lctr, Judaism, Zionism, etc.; recip.: B.B. Aw., S.L.C. (50th anniv., Anti-Defamation League); Am. Civil Liiberties Un., Utah Affiliate, 68; Israel Bond Aw., 69.
1138 E 27 S., Salt Lake City, Utah; office: Utah U., Salt Lake City, Utah 84112, USA.

ZUCKERMAN, Herzl; O.B.E.; Mng. Dir., The Israel Board of Executors and Trust Co. Ltd.; dir. of companies & investment consultant; Gen. Secr., Anglo-Israel Chamber of Commerce (Israel); Exec. Dir., Assoc. of Bi-National Chambers of Commerce, Israel; b. Cape Town, Nov. 3, 1911; m.: Judith Mosseri; p. attorney, Supreme Court of South Africa (Cape Provincial Division); leader of S.A. Zionist youth movement; to Israel, 34; Foreign Trade Institute, 47-48; Dir., Economic Dpt, Jew Agcy, Tel-Aviv, 49-50; Gen. Manager ,Rock Products Corp. Ltd., 51-54; conducted Keren Hayesod campaigns in S.A.; took Palestine's first industrial exhibition to S.A., 47-48.
9, Struck St., Tel Aviv; tel. 237726.

ZUCKERMAN, Jacob T.; Judge, Family Court, State of New York; pres., Jew. Labor C'tee; treas., Jew. daily Forward; boards: Yivo Inst. of Jew. Res.; Un. HIAS Serv.; Am. ORT Fed.; Natl J. Commty Relats Advis. Cl.; Memorial & Natl Fndns, Jew. Culture; secr., Assn of Family Court Judges of N.Y. State; b. 31.5.1907, Brooklyn N.Y.; ed.: New York U., B.S.; NYU Law Sch., LL.B.; grad. work — NYU, training in public serv.; Columbia U., Sch. of Soc. Work; cert. soc. worker; p. exec. dir. & chief counsel., Family Location Serv., Jew. Fed.; p. assist. commissioner of wlfr; p. pres.: Workman's Circle; Forward Assn;

p. chmn; Natl Confer. of J. Communal Serv.; Natl Con. of Lawyers & Soc. Workers; mbr: Atran Fndn; Am. Bar Assn (p. chmn, fam. law. scty); Brooklyn Bar Assn; Intl Bar Assn; NY County Lawyers Assn; Confer., Presidents of Maj. Am. Orgs; natl confer. on Soviet Jewry; articles in field of fam. law & soc. work.
815 Avenue J, Brooklyn N.Y. 11230, USA.

ZUCKERMAN, Leon; advocate, Dr. Jur.; manufacturer (watches indus.); b. 24.6. 1891, Moscow; in Switzerland, since 1915; ed.: tradit. & Gymn. (w. distinction); U. of Warsaw; m.: Cecile Reinin; 1 s.; co-found.: Zion. students org., Yardenia; 1st Zion. Org., La Chaux-de-Fonds, 20; Association Suisse-Israel, Canton de Neuchatel; mbr exec. of Jew. Community, La Chaux-de Fonds, 44-; mbr, Gen. Assbly, Gemeindesbund, Swiss; active f. K.K.L., Weizmann Inst., etc.
83 L. Robert Ave., 2300 La Chaux de Fonds, Switzerand.

ZUCKERMAN, Paul; the ninth General Chairman of the United Jewish Appeal; Natl Chairman of UJA f. several years and assumed a leadership role as chairman of the "Operation Israel" program mission to Israel; was named by President Johnson to head the U.S. Food f. Peace Committee in Michig.; his honors include a certificate of appreciation from the City of Detroit, the planting of "Zuckerman Forest" in the hills overlooking Jerusalem by the Detroit Jewish community, and citations from the Jewish War Veterans and the Fresh Air Society; Dir.: United Foundation of Detroit and the Round Table of Catholics, Jews and Protestants; p. Dir.: Sinai Hosp., Natl Am. ORT, and the Jewish Community Center of Detroit; on the Natl Council of the Am. Israel Public Affairs Committee; p. Pres. of United Jewish Charities in Detroit; founded the Paul and Helen Zuckerman Auditorium and Conference Center at Detroit's Sinai Hosp., as well as the site of the West Bloomfield Township Public Library; built the "Detroit Park" in honor of the people of Detroit; Chairman of Velvet-O'Donnell Corporation.
Detroit, USA.

ZUGMAN, Natan; bus. exec.; pres.: Un. of Orthodox Synagogues in Argentina; Mizrachi & Hapoel Hamizrachi, Argentina; mbr, Brd of Trustees, Bar-Ilan U.; b. 1.2.1915, Sokel, Poland; to Argentina, 1930; m.: Fanny Flohr; 2 s.: Abraham Arieh, Dov. Shelomo; co-found., Mizrachi Pan-Am. Org., 40 (pres., 51); deleg. to WZC, Basel, 46; deleg. to Mizrachi Congr., Ireland & Britain, 47; chmn, c'tee f. relig. affs, Jew. Commty, Buenos Aires, 49; vice-pres. of Z.O. Argentina & leader of UIA, 51; p. edi., "Die Misrachi Stimme".
2557 Cordoba, Boenos-Aires, Argentina.

ZUR, Benjamin; soil physicist; snr lctr, Agric. Eng., Technion; b. 10.11.1932, USSR; to Israel, 1934; ed.: Cornell U. Ithaca N.Y., B.Sc.; Oklahoma State U., M.Sc.; U. of Calif. Davis, Ph.D.; m.: Naomi Liberman; 2 d.: Sigal, Miri; 1 s.: Zvi; p. res. assoc., Wash. State U.; p. soil phys. expert, Intl Atomic Energy Comm.; publ. in soil. phys., plant-soil-water relat., control of water variable in the crop prod. process, simulation model in crop response to water, new irrig. techn. f. the optimal control of the water variable; patents in the fields of evaporation reduction, new irrig. methods.
14 Oranim St., Kiriat Tivon.

ZUR, Zvi; Assist. Minister of Defence, 67-69; p. Dir. Gen., Mekoroth Water Co.; p. Chief of Gen. Staff, Israel Defence Forces (rank of Lt.-Gen.); b. Saslav (Russia). 17.4.1923; m.: Rachel Stern; 3 s.; educ.: university studies, USA, France; chief, Manpower Div., 51; Deputy Chief of Staff, 58; Coordinator, Israel-American Atomic Energy Sea-Water Desalination Project. 59-.
19 Benayahu St., Zahala, Tel Aviv.

ZURR, Zwi; M.Sc.; chemist; Managing Director, Makhteshim Chemical Works Ltd.; b. Poland, May 5, 1919; m.: Miriam Gurevitz; 2 s.; 1 d.; educ.: Hebrew U., 1943; post graduate courses at Hebr. Unive., 1944; in chemical industry, 1944-.
38, Tamar St., Omer Nr. Beer-Sheva.

PART II

GOVERNMENT, OFFICIAL INSTITUTIONS / PUBLIC INSTITUTIONS and CORPORATIONS / PUBLIC and PRIVATE ENTERPRISES

THE PRESIDENCY OF THE STATE OF ISRAEL

The official head of the State resembling a constitutional monarch in function and role, bears the ancient Hebrew title of "Nasi". According to the Basic Law: President of the State, passed by the Knesset on June 16, 1964, the seat of the President is Jerusalem; any citizen of Israel, resident in Israel, is eligible for the office and may hold it for no more than two consecutive terms. The length of each term is five years. The President's functions include the signing of all laws other than those concerned with his own powers; the signing of treaties which have been ratified by the Knesset; the appointment (upon the recommendation of the Foreign Minister) of the diplomatic representatives of the State and acceptance of the credentials of diplomatic representatives of foreign States accredited to Israel. The President is to be given reports of Government meetings; to receive the resignation of the Government and to act for the formation of a new Government by consulting representatives of political parties in the Knesset, and then entrusting to a member of the Knesset the task of setting up a Government. The President is also empowered to pardon offenders and to mitigate sentences. Upon the recommendation of the appropriate Governmental authorities, the President appoints the State Comptroller, the Governor of the Bank of Israel, the members of the Civil Judiciary and the Judges of the Religious Courts, Jewish, Moslem and Druze.

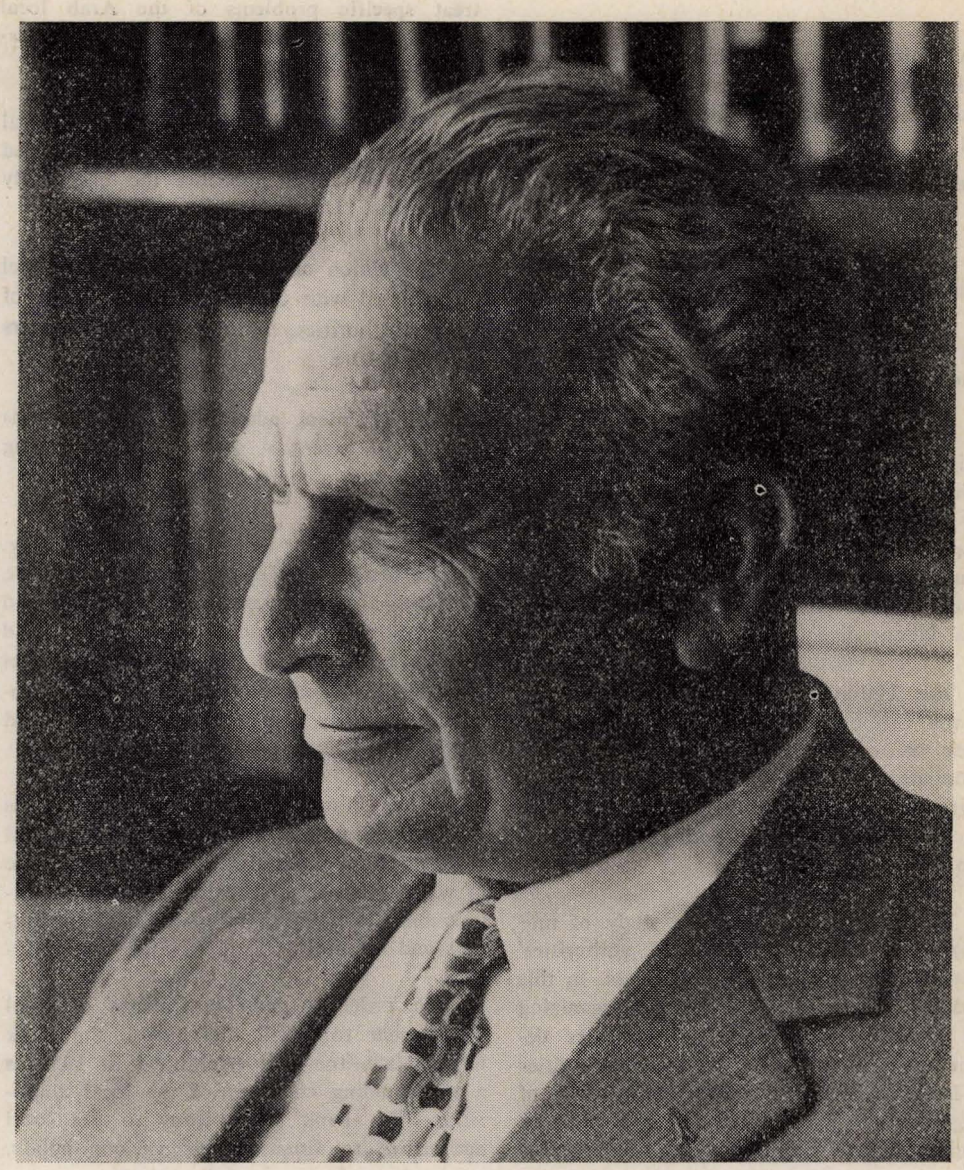
The first President of the State, **Dr. Chaim Weizmann,** was elected on February 16, 1949, at the opening session of the First Knesset, held with special symbolic intent in Jerusalem, though that was not yet the capital of the State. **Dr. Weizmann** died on November 9, 1952 and was succeeded by **Yitzhak Ben-Zvi** who was elected by the Knesset on December 8, 1952 and installed in office two days later.

Under President **Ben-Zvi** the official Residence and Office of the President were established in Jerusalem. There, for two full terms and the beginning of a third, until his death on April 23, 1963, **Yitzhak Ben-Zvi,** with the cooperation of his wife, **Rachel,** filled the office of the Presidency with rich human and spiritual content. They made the Residence a meeting place for the diverse "tribes of Israel". The "Open House" held annually during the Succot week was typical of the direct contact established with the masses of Israel's citizens, including the Moslem, Druze, Christian, Bahai and Samaritan communities. In addition, literary, academic and artistic gatherings frequently met in the President's Residence, and increasing numbers of visitors from overseas were received there.

The tradition established by the second President was carried on by the third President **Zalman Shazar,** who came to the post on May 21, 1963, from the World Zionist Executive after a rich career as writer, scholar, Histadrut leader, editor of the daily, "Davar", and first Minister of Education of the State of Israel. All these interests were expressed in the activities of the President's Residence during his first and second terms (the latter having begun on May 21, 1968). The Bible Study Circle, originally led by Prime Minister Ben-Gurion met there regularly, as did the Circle for Study of the Diaspora under the aegis of the Hebrew University's Institute of Contemporary Jewry. The President instituted a special fund of his own for the encouragement of literature and scholarship and invited outstanding writers, artists and thinkers from abroad to visit Israel as his guests. He and **Mrs. Shazar,** a writer and leader in her own right, paid State Visits to Nepal, Uruguay, Chile and Brazil, in 1966, and Canada in 1967. He was President Johnson's guest in Washington in 1966 and met with President Nixon in 1971 during a trip to the United States to open the Israel Bond Campaign.

On May 24, 1973, Professor **Ephraim Katzir** succeeded Mr. Shazar in the Presidency.

The Secretariat of the President's Office consists of a Director, Military Aide, Adviser, Private Secretary, a Legal Adviser, a Social Work Officer to deal with petitions from the public.



PROF. EPHRAIM KATZIR, PRESIDENT OF ISRAEL

THE UNION OF LOCAL AUTHORITIES IN ISRAEL

The Union of Local Authorities is a nation-wide association of local authorities in Israel. Today the Union comprises 31 municipalities and 114 local councils.

The Union's functions are as follows:

1. Safeguarding the common interests of all the local authorities vis-a-vis the government, in everything that pertains to matters of principle, with the aim of strengthening the position of the local authorities in the state.

2. Representing all local authorities vis-a-vis the Histadrut (General Federation of Labour) in matters connected with the working conditions of employees of the local authorities. The Union participates in parity committees with the Clerks Union of the Histadrut, the purpose of which is to settle local labour disputes.

3. The Union works towards a consensus of the various opinions of the local authorities on common problems, in order to formulate a unified approach and stand on their solution, while taking into consideration the individual character and needs of each type of local authority.

4. The Union encourages the study of municipal problems by the local authorities' elected representatives and employees. In this field, the Union takes part in the organizing and directing of courses and seminars designed for employees of the local authorities in Israel and abroad in the framework of programmes implemented by the Foreign Ministry and the Ministry of the Interior.

5. The Union's special legal adviser aids and advises the Union's executive and the local authorities on a legislative and legal solution of problems.

6. The Union maintains a statistical survey unit which collects and corelates data necessary for negotiation with various governmental bodies and publishes statistical findings.

7. A special section of the Union exists to treat specific problems of the Arab local authorities and to strengthen the organizational ties with them.

8. In order to bring the problems of local authorities to the attention of all interested bodies, the Union publishes the bi-monthly publication "Davar HaShilton HaM'komi".

9. The Union of Local Authorities in Israel is affiliated with the International Union of Local Authorities, IULA, with headquarters in The Hague.

10. The Union administers its functions through its executive, who elect from among their members a chairman.

11. A department is in charge of youth exchange between Israel and foreign countries, with the aim of improving cultural ties and create close understanding between local and foreign youth. Youth delegations from Israel have already visited a large number of countries, and many youth from abroad received special care through this department.

12. The Union of Local Authorities holds a majority interest in the executive of Mifal HaPayis (the national Lottery), the purpose of which is to grant loans to the local authorities for the building of educational institutions and hospitals.

13. In order to help institutions of local government to fulfill their tasks, the Bank Otzar HaShilton was established in 1954 as a shareholding company of the local authorities. The bank gives loans to the local authorities to finance their various public, economic and commercial projects.

The Chairman: Mr. Pinchas Eylon, Mayor of Holon.

The Secretary General: Mr. Zeev Meljon.

Offices: 3, Heftman St., P.O.B. 20040, Tel-Aviv; Tel. 257211-2, 257216.

JERUSALEM – THE CAPITAL

THE ECONOMIC SITUATION IN JERUSALEM AND THE CITY'S ECONOMIC DEVELOPMENT



Over the past few years, Jerusalem has undergone a rapid development which has enhanced its position as the administrative capital of the State and established it as a major international, cultural and scientific centre.

The Knesset (Israel's Parliament) and Government offices have been built on Givat Ram and in the immediate vicinity centres of education and culture — the Hebrew University and the Israel Museum — have been constructed. The Hadassah Medical Centre has been established in Ein Karem, and the rehabilitation of the original University campus on Mount Scopus is progressing. With the re-unification of the city, after the Six Day War,many impediments to the city's economic development were removed.

The fact that Jerusalem is no longer a border city, together with the Government's and Municipality's efforts to encourage urban development, have combined to create conditions conducive to investment and to the speedy development of all branches of the city's economy.

In addition to this awakening, which is essentially urban in character, there have been other, far-reaching changes in the day-to-day life of the town. Large commercial centres, which became border areas some 20-years ago, have regained their importance as major business centres (such as Jaffa Road and Jaffa and Nablus Gates) and have again assumed their natural importance — the dispensing of services to **all** sections of the Capital.

THE ENCOURAGEMENT OF INDUSTRY

In order to create conditions necessary for urban development and industry, and to provide essential transport services to these areas, the Municipality works in close conjunction with those responsible for the Capital's master plan, and with the Israel Lands Authority, in order to select suitable sites for industrial development (in consultation with the Jerusalem Economic Corporation). The large industrial area near the Talpiot Quarter is being developed at a rapid pace and the first steps have already been taken for the establishment of another industrial complex on the Ramallah road.

The Jerusalem Municipality offers incentives, mainly in the form of tax reductions, to factories being built in the city which employ at least ten persons. A two-thirds reduction in general Municipal taxes is granted, as well as a full exemption from business tax for the first five years of the firm's existence.

In addition, the classification of Jerusalem as a grade C development area, in accordance with the Law for the Encouragement of Capital Investments, grants businessmen who decide to invest in the Capital additional tax benefits. The Municipality is now working towards attaining a grade A classification for exclusive light industries, such as the printing trade and its affiliated branches, factories which produce religious artifacts and souveniers and science-based industries.

THE RAPID DEVELOPMENT OF TOURISM

Interest in Jerusalem by both foreign and local tourists, intensified by the completion of the Israel Museum, boomed following the unification of the city. Many archaeological sites were opened to the public, such as David's Tower and Tzidkiyahu's Cave, Absalom's Tomb, the Valley of Gichon and the Pool of Siloah. The East Jerusalem Development Corporation has also restored the Montefiore Memorial, which is now open to the public, and the Corporation, together with several donors, made possible the reconstruction of the Jerusalem Khan as a centre for cultural activities.

Many hotels are currently under construction in the Capital and once they are completed thousands of additional guest-rooms will be available. Plans are also underway for the construction of art and tourism centres in the city. The first of these has been established by the Municipality and the East Jerusalem

Development Corporation opposite David's Tower. The Municipality, together with the East Jerusalem Development Corporation and the National Parks Authority, is also currently developing the Jaffa Gate area into a major centre for tourism.

The fact that once again Jerusalem is a central city constituting a bridge between the various parts of the country is illustrated by the huge investments being made by both the Government and the Municipality in improving the city's road network and by the development of the main traffic arteries to the Capital. Examples of such work can be seen at the entrance to the city, on Derech Hebron, Sderoth Ben Zvi, Rehov Yirmiyahu, etc. This work is imperative for strengthening the ties between the various sections of the city on the one hand, and between the Capital and other parts of the country on the other.

The speedy economic development of Jerusalem, particularly over the last year, proves day by day, and indeed, hour by hour, that its inhabitants and those who live in other parts of the country see Jerusalem as a town of peace and a city of industry and science — a town whose sons are building a better future for themselves and for the generations which will come after them.

TEL AVIV-YAFO

The fact that Tel-Aviv is situated in the centre of the country, the favourable topographic location of the city and the surrounding district, represent important factors which have left their mark on the development of Tel-Aviv-Yafo as a national, commercial and financial centre.

The rapid growth of the city and the surrounding district, and the concentration of a considerable number of the country's inhabitants in the centre of the land provided Tel-Aviv with a hinterland of great demand for merchandise, a fact which gave the town its productive characteristics and boosted the rapid development of craftsmanship and industry within the town.

On May 15, 1948 the establishment of the State of Israel was declared by David Ben-Gurion in Tel-Aviv, in the Dizengoff House, the home of the late founder of the city, in the same place where the city was founded some forty years before. Soon afterwards Yafo was annexed to Tel-Aviv and both towns merged into one city, Tel-Aviv-Yafo. In the first years after the establishment of the independent State of Israel, the city witnessed a stupendous influx of new immigrants from all corners of the world: survivors of the Nazi holocaust in Europe and Jewish refugees from the Arab and Maghreb countries.

The population grew very rapidly and the number of inhabitants of Tel-Aviv-Yafo in 1950 was already 350,000. In later years, the rate of population increase slowed down and the present population of Tel-Aviv-Yafo is 370,000. Nevertheless, Tel-Aviv-Yafo has not ceased to remain the hub of the economic, cultural, social and artistic activity in the country. A considerable part of the export trade of the country is concentrated in Tel-Aviv-Yafo and the amount of the export trade represents half of the entire export of the country. Tel-Aviv-Yafo has established herself as the cultural centre for the entire State.

The large theatres and most of the small theatres are operating in the city. The Israeli Philharmonic Orchestra and Opera are situated in Tel-Aviv-Yafo and draw large crowds from all over the country. The 40 cinemas in the city are attended by over 12 million persons each year.

The museums complex on the northern bank of the Yarkon river is developing rapidly. The night life of Tel-Aviv-Yafo is effervescent, and many people from all over the country come to the city to seek entertainment.

Since her establishment, Tel-Aviv-Yafo has drawn many tourists, who have come to see the first Hebrew town. Tel-Aviv-Yafo is the main base for most tourists who come to visit the country, because it is favourably located in the centre of the country with convenient communication lines to all corners of the land.

Furthermore, Tel-Aviv presents to the tourist many attractions which make his stay in the city agreeable and memorable: he may enjoy the rich and varied theatrical and musical

life of the city; the colourful sidewalk cafes of Dizengoff Street; the artists' village in ancient Yafo, throbbing with ceaseless activity; the nightlife in various night-clubs and sophisticated discothèques; the shopping centres which offer the richest choice of Israeli goods in the country; the sandy and sunny beaches of the Mediterranean along the whole city and above all, the hospitable, hearty and dynamic spirit which characterizes the people of Tel-Aviv.

During recent years the tourist industry in the city has been undergoing a process of rapid development. The contribution of Tel-Aviv-Yafo to the encouragement of tourism in the country becomes more and more outstanding. Large hotels have been built recently, and at present the development of popular tourism is being emphasized.

At present there are already in Tel-Aviv more than 3,500 rooms in suitable hotels for tourists and actual plans have already been approved for the building of new hotels with a capacity of 5000 new rooms.

Tel-Aviv, Malkhei Israel Square, Tel. 243311.

THE HAIFA MUNICIPALITY

The Haifa Municipality, representing and ensuring services for over a quarter million inhabitants, carries out its municipal tasks within the framework of an ordinary annual budget of about IL. 176 m. and a development budget of approximately IL. 92 m.

Haifa's main assets — in addition to its beautiful location as a city stretching on the slopes of Mount Carmel between its verdurous mountain top and the blue of the sea-shore — are, primarily, the Haifa Port, Israel's main gate to the Mediterranean, surrounded by the Bay, the industrial area that provides a firm economic basis and a source of living for the city's inhabitants, as well as its land reserves that account for the possibility of planned building on an area of over 52,000 dunams.

Haifa's educational network accommodates over 65,000 children, young people and adults, and consumes some 30% of the total municipal budget. The city possesses about 180 kindergartens for children in the compulsory education age as well as in the 3 and 4 age-brackets. Over 30 additional kindergartens are in the stage of construction, to be opened during 1973/74. 900 classes serve 23,000 pupils in the elementary school age. 9,200 pupils study in 285 classes of the "Intermediary Group", and 400 classes provide high-school education, theoretical and vocational. The "educational reform" has been applied in Haifa to its fullest. Haifa, also claims credit for its three institutions of higher education; the well known Haifa Institute of Technology (the "Technion") with 8000 students, the Haifa University with its 5500 students whose number will increase to 6000 in the coming school-year; and, since 1970, the Abba Khoushy School of Medicine accommodating some 250 students.

With the establishment of the Haifa University's Trusteeship, this institution has become an autonomous body, although the Haifa Municipality continues to support it (in addition to its past investments in building the campus which summed up, hitherto, to over IL. 60 millions). Students' hostels are being erected on Mount Carmel and at Allenby Street in Kiryat Eliezer. The two buildings will contain over 1000 rooms.

During the past year, the Haifa Municipality has set up heating installations in all schools, as well as in the municipal Clinics for the Treatment of "Mother and Child", at a cost of IL. 2 millions. The recently started construction of 12 modern nurseries in various parts of the city involves an investment of IL. 7 millions. These nurseries for the accommodation of three-months old to three-years old children, during the hours when their mothers are at work, will be operated by the Haifa women's organizations.

As a necessary complement to its educational network, the Haifa Municipality maintains 36 youth centers, 126 playgrounds and play-corners for mothers and childrren, 41 sports grounds (illuminated by night), a central Municipal Stadium and 2 regional stadiums, 136 nieghborhood and technical clubs, four community centers for cultural and social activities (namely: Beth Rohtschild, Beth Hageffen, Beth Abba Khoushy and Beth Nagler). New youth centers, clubs and playgrounds are being established and planned all over the city.

At the Ruppin Junction, on the slopes of the

Romema Quarter, a roof-covered Sports Palace with 4000 seats is under construction, involving an investment of IL. 7 millions. This will constitute a great contribution to sports-activities and to the organization of international performances and events.

The city's bathing beaches have been improved and enlarged. Boulevards were built along the shores, as well as dressing rooms, showers, lavatories, playgrounds, etc.
The Naval School at Kefar Zamir has been closed and its buildings were reverted to their original purpose — a youth-hostel with 560 beds. Efforts were made to improve and reform the numerous summer-camps in which 15,000 pupils participated this year.

The Haifa Municipal Theatre marks now its 13th anniversary with a series of important improvements. The Theatre has inaugurated its "Little Stage" (in the little "Moshley Hall" at Beth Rothschild). This venture represents the first stage in the erection of the Art Auditorium on the Central Carmel, with a hall of 1400 seats. The Municipality also maintains the Municipal Symphonic Orchestra. In the line of Museums, Haifa boasts a Prehistoric and Natural Museum, a Museum for Ancient Art, a Museum for Modern Art, a Museum for Music,, Ethnology and Japanese Art, as well as the Maritime Museum that has moved into its new premises at Allenby Street, besides the Museum in commemoration of the illegal immigration to Palestine during the British Mandate.
Haifa consumes about 20 millions cubic meters of water annually, which are supplied by a network of local wells and from the sources of Mekoroth.
The municipal sewage network totals over 580 km. of pipes and is served by the regional Sewage Treatment Plant (with a capacity of over 45,000 cub.m. daily). Plans are under way to enlarge this plant to a yearly capacity of 26 millions cub. meters, in which some IL. 20 millions will be invested. Completion of the scheme is scheduled for 1985.
During the past 4 years, the Municipality has made great efforts to improve the traffic within the city boundary. New roads were built, existing roads were widened, new road junctions were established, and existing junctions modernized. The Municipality erected additional bridges and passages for vehicles and pedestrians.
Haifa's inner roads extend in length over 350 kms. The length of sidewalks adding up to 390 km. The network of roads and sidewalks undergoes permanent expansion and completion, with special emphasis on the improvement of the city's links, inroads and exits. A new bridge has been spanned over the Kishon river, parallel to the old bridge on the Haifa-Acre road, in order to eliminate the bottleneck of traffic through the old one. The widening of the Ruppin Road and the construction of the new parallel bridge over Wadi Rushmieh are continued. A new road is in its final stages of construction to connect Neveh Shaanan with the Nazareth-Acre road. A new road will also be paved from Ahuza to Tirat Hacarmel, in order to open a new link between the Rosh Hacarmel and southern neighborhoods (the University, Hod-Hacarmel quarter, etc.) and the Tel Aviv-Haifa highway. An additional Bailey Bridge over the Kishon river is under construction. A basic plan for the development of the regional traffic network till 1985 includes several central projects, such as the new Rushmieh Bridge, Kikar Horev, an alternative road to the Krayoth (Bay settlements), the extension of Ha'atzmaut Road, the Bat Galim Junction near the new "Egged" Central Bus Station.

In recent years, substantial sums have been invested in an important project to renew and intensify the street lightening all over the city. 4000 lamps have been added to the 8000 existing ones.
The completion of the Egged Central Bus Station in the south-western part of Haifa, by the end of 1973, involving an investment of about IL. 40 millions, will bring about a veritable revolution in the Haifa communications network. This will be one of the finest and biggest bus stations in Israel. For this purpose, important changes are carried out presently at and around the Bat Galim Junction.
It must be emphasized that the Carmelit Funicular subway is operating in Haifa since 14 years, transporting passengers within 7 minutes from the city to Mount Carmel. Day by day some 20,000 people travel in the Carmelit. There are nearly 300 public parks and green patches throughout the city. The parks deve-

loped and new parks opened in the past four years, cover an area of 90,000 sq. meters. Some 100,000 trees were planted in the surrounding forests, and some 1,000 trees in the streets of the city. About 1000 benches were set up in public parks and along Haifa's streets and residential quarters.

Special attenion was devoted to the subject of hygiene. New street sweeping machines were acquired, and cleaning methods — improved. It is planned to collect garbage in nylon bags, to dispense with garbage containers.

In the realm of hospitalization, Haifa is undergoing some revolutionary changes; the building of new hospitals, as well as adding space to the existing ones, will provide the city with a capacity increase of over 1200 beds till 1974/75. This will almost double the number of beds available today, up to 2600.

The construction of the municipal hospital for chronic diseases is completed. Its first stage provides for 125 beds. The building of an additional wing with 120 beds has been started. A new 15-storey wing is also added to the Rothschild Hospital on its western side.

The Rambam Government Hospital will soon have completed a new structure where additional 200 beds will bring its capacity to a total of 900 beds, thus making possible important improvements in its services. The Histadruth's Sick Fund ("Kupat Holim") is now building its own, modern hospital on Mount Carmel, with a capacity of 350 beds. And, finally, there is the new Centre for Stomatological Research and Studies which the Municipality is going to build near the municipal dispensary in Rehov Hageffen.

The slums clearing programme and the restoration of backward areas in Haifa has made substantial progress ever, since the ineption of the Joint Government and Municipal Corporation for this purpose, in 1962. Through this combined effort of the Government and the Municipality, over 3000 flats and 170 business premises have so far been evacuated in neighborhoods earmarked for demolition and reconstruction as new, modern housing quarters, trade and tourist centers, as well as cultural institutions. Recently, the Municipality has signed an agreement with the Ministry of Housing for the large-scale elimination of the housing shortage in Haifa. According to this agreement, 4500 families will find a solution of their dwelling problems within five years. This scheme will involve an investment of IL. 150 millions.

Another municipal programme will solve the problem of flats for young couples, hundreds of whom have found accommodation within the framework of this important scheme in the past years.

The Municipality has designated about 1000 dunams (250 acres) on the southern outskirts of Haifa on which a popular tourism, vacation and entertainment center will be developed, which is presently being planned.

The development of tourism and hotels in Haifa has recently received a stimulus with the approval of several building projects in various locations of the city, mainly on Mount Carmel.

New housing schemes are under way all over the city, by private contractors as well as by public building companies. New quarters covering tens of thousands of sq. meters are expanding Haifa's residential area every year.

In the past years, the 4 storeys of the Municipal Bath House have been put into full operation. Two additional storeys are planned for purposes of physical training and physiotherapy.

The newly-built Haifa Soldiers House (Beth Hahayal) includes 200 beds, clubs for meetings and games, a cinema hall, a buffet, a roof for parties, etc.

The recently erected Magen David Adom (Red Shield) House in Rehov Yitzhak Sadeh accommodates a blood-bank, reception rooms, training and lecture rooms, a basement for the storage of medical supplies, etc.

"Beth Halochem" and "Yad Labanim" (Memorial of the Fallen Soldiers) will be built on the French Carmel, with an investment of IL. 8 millions.

A new Fire Brigade Station was put into operation, involving an investment of IL. 1,2 millions.

A wide area on Mount Carmel was declared as National Park, in accordance with the Law on Nature Reserves.

The construction of a new center for science-based industries is completed in the southern outskirts of Haifa, accommodating a number of sophisticated industries, primarily the combine of Elron electronics. Buildings on an

area of 3000 sq.m. will be added to the present 17,000 sq.m. of the center.
The Municipality has acquired 250 dunams land in the industrial zone near the Blue-Band Factory and put 50% of this land at the disposal of the Dankner Brothers who erected a big chemical plant for the production of matenol. The remaining area was developed and put at the disposal of th Manufacturers' Association for the establishment of new enterprises.
IL. 30 millions have been invested in the past years in the development of Haifa Port, including the adaptation of the eastern quay for container cargoes, purchase of sophisticated equipment, storage areas, building of new gates. A new workshop and an additional passengers' hall were also erected. Work has started to deepen the quays in the Kishon zone and to extend the present quays by adding parking space. A new port is planned between the present Haifa Port and the Kishon zone. The first stage of this scheme includes the reclamation of 200 dunam; the piers will be extended, further areas will be reclaimed and new quays built.
After years of discussions, the Government has approved the scheme of declaring the Kishon zone as a "Free Port". A committee was set up (including a representative of the Municipality) to plan the "Free Port" and to lay down the principles of its operation. The committee has already started its deliberations. A number of economic enterprises, including foreign investors, are interested in establishing enterprises in this zone, to be based on duty-free imports of raw materials and their conversion in Israel into finished products that will be marketed abroad. Some progress in these efforts have been made in the past months.

The Haifa Airstrip was reopened in August 1970 for internal flights, thus putting Haifa back on the aerial map of the country, and making it easier for Haifa businessmen to keep contact with government offices in the capital. The airstrip also opens new horizons for the development of tourism. In the past year, the landing strip has been extended from 900 m. to 1350 m. which enables bigger aircraft, such as the Herald, to land in Haifa. A control-tower and airport are part of this plan, including a new access road and parking place. It was also decided to adapt the airstrip for flights abroad, following the pressure of the Haifa Municipality that the Government build an international airport near the city.
Haifa, P.O.B. 4811, Tel. 04-40775.

BAT-YAM

A few minutes from the teeming heart of Tel Aviv and south of the walls of ancient Jaffo, filled with tourists and visitors, is the city of Bat-Yam, extending for 3,5 kilometres along an impressive plaza set in Mediterranean scenery.
With pioneering dynamism, the city grew from sandy desert to a centre of absorption, building, commerce and industry, with dunes being replaced by flourishing parks and buildings of modern and even daring design. On the first Independence Day there were 800 people in Bat Yam. To-day the city numbers 100,000.

Bat-Yam works on projects to develop the tourism trade so as to become a tourist and vacation attraction, as well as to increase its population to 120.000.
This amazing growth, due mainly to an exemplary work of absorption of newcomers rapid erection of housing schemes, has determined the Government, in 1957, to grant Bat-Yam the municipal status of a city. Subsequently, also people from older Israeli towns have come to make their homes in Bat-Yam; in their wake, there has come industry, commerce and touristic investment. The busy industrial areas covers 500 dunams on which modern industrial enterprises have been erected, ensuring livelihood for thousands of new immigrant families. A wide network of main and internal roads, together with sufficient water and electricity, have enabled the growth of modern industrial enterprises, such as chemicals, food, textiles, carpentry, leather, metals, building materials and light industry.

Bat Yam's link with the Arts has made her a city of international standing. Tourists visiting the city marvel at the varied collection of objects, among them paintings of Italian, French, Jewish and Israel artists, to be found in the Municipal Museum, which is set in

the heart of a small park surrounded by green lawns.

Lovers of Judaica will receive a pleasant surprise on visiting Ryback House, which is a museum housing the works of the late artist Issachar Ryback. The visitor enters as though to a holy place, and examines a treasure of Jewish expressionism, which reveals the depth of Jewish folklore and the nostalgia for the old Jewish village and the way of life of the small Jewish communities at the beginning of the century.

At the other end of the city, among skyscrapers, hidden by beds of perfumed flowers, there's the house of the author **Sholem Asch,** which he built towards the end of his life in Israel. Here, with the Mediterranean Sea on the Western horizon, and the hills of Judea bathed in clouds to the east, the great author lived out his last years.

Bat Yam is also a holiday resort for Israelis and tourists. The sea-shore is 3 kilometres long and compares favorably with the bathing beaches in Europe and the United States. Facilities exist for 100,000 people to bath at one time, and additional amenities will be made available in the next few years. In the last two years, hotel industry shows a great development; hitherto there have been erected 700 rooms. During the next three years another 13 hotels will be completed.

The area under Bat-Yam's jurisdiction is 7,200 dunam. There are 85 kindergardens, 22 elementary schools, 4 secondary schools, 1 vocational ORT-ISRAEL school for boys and 1 vocational ORT-ISRAEL school for girls.

Chairman of the City Council: Mr. Menahem Rothschild.

The City Council consists of Messrs. (in alphabetical order): Aboutbul Morris, Binshtok-Shlomo, Bak Yaakov, Jerushalmi Yehuda, Kinamon Ehud, Lev-Har Zeev, Levi Aryeh, Litvin David, Logashi Yehuda, Oshri Haim, Peled Shalom, Dr. Hari Zvi Reicher, Rothschild Menahem, Schmidt Moshe Itzhak, Turek Itzhak.

Secretary: Mr. Shalom Avital.

City Council, Bat Yam, P.O.B. 10, Tel. 867131.

BEER-SHEVA

Beer-Sheva's name originates in the Old Testament. It means "Well of Oath" and it is ascribed to Abraham who settled a dispute with Abimelech, King of Gerar. At the well they made a covenant . . . "Wherefore he called that place Beer-Sheva because there they swore both of them . . ." (Gen. 21:31)

Beer-Sheva is the capital of the Negev, a region covering a large part of the total area of Israel. All ministries, national institutions, banks, etc., have their regional offices in town.

More than any other institution the school system reflects Beer-Sheva's growth. There are kindergartens and elementary schools, religious high schools, Yeshivoth, Comprehensive high schools, high schools for technicians, a Conservatory of Music, Art schools, a Museum, a State teachers college of phisical education, several evening classes for working youth and adults, and last but not least, the Negev University. Recently the Arid Zone Research Institute has been affiliated to the University as the Research & Development Authority. These institutions provide educational flexibility to everyone in their respective levels.

The Negev Museum exhibits archaeological and ethnological material associated with the history of Beer-Sheva, documentating the development from the earliest settlement 3500 B.C.E. until recent times.

Culture and entertainment are increasing and beside the cinemas, visiting theater groups and concerts, the Municipality has founded the "Cultural and Social Society" at the "Shever" Community Center (Beth Ha'am) where the recently established local theatre is performing regularly.

What is known today as the old Town, was built during the late 19th century by the Turkish administration. During the British Mandatory regime, the town served as headquarters of the entire district, numbering a population of 2.500.

When the Israel Defence Forces captured the town on October 21st 1948 from the Egyptians the small primitive dwellings then in town were vacated. Its present population is about 100.000, many of them having arrived in Israel after the War of Liberation. The city's over-all Town Plan, which in 1969 receiv-

ed the "Reynold Award for Community Architecture" provides for a steady expansion of the city, expected to reach a population of 250.000 in the year 2000.
There is a large industrial center and a new one is planned some 12 km south of the city in order to avoid air pollution which, thanks to the alertness of the Municipal Council, is still a minor problem.

The Municipal Council consists of 17 members.
City Hall: Beer-Sheva, Derech Po'aleh Binyan. Tel. 057-2121-6, 057-2373-7.

CAESAREA DEVELOPMENT CORPORATION LTD.

The land entrusted for development to the Caesarea Development Corporation Ltd. covers an area of 30,000 dunams (7,500 acres). The Haifa—Tel Aviv highway passes through the land, dividing it roughly in half. The area includes the historical port city of Caesarea, built by King Herod in 12 B.C.E., the Crusader town of Caesarea, the ancient harbour dating back to Phoenician times, a Roman theatre, amphitheatre, hippodrome and many antiquities excavated by archaeological missions. Kibbutz Sdot Yam and the townlet of Or Akiva are also within these boundaries.
On the basis of a town planning study completed in 1960, it was decided that the area east of the Haifa—Tel Aviv highway would constitute a reserve for future urban development to include an industrial zone.
The area between the highway and the Mediterranean shore is fast being developed into a tourist resort of international fame. It includes an 18-hole golf course of championship standard, built by the Edmond James de Rothschild Memorial Group. Three separate beaches offer excellent bathing facilities and are among the finest in Israel. Here, too, are the elegant Caesarea Golf and Beach Hotel, built by Baron Edmond de Rothschild, and the Semadar Villa-Hotel. Both hotels have magnificent outdoor swimming pools and patios. Dotting the area are attractive and sophisticated modern villas, owned by Israelis and persons from abroad.

Directly on the beach is the popular Kayit VeShayit Holiday Centre, run by Kibbutz Sdot Yam. Five restaurants are open to visitors to Caesarea.

The antiquities in the area provide an outstanding tourist attraction and much effort has been invested in their restoration. The Roman Theatre, excavated by a Milan Archaeological Mission, led by Professor Antonio Frova, is the centre for performances of the annual Israel Festival of Music and Drama.

The Caesarea Development Corporation Ltd. was formed in 1958 as a partnership between the Government of Israel and the Rothschild interests with the aim of developing modern Caesarea on the site of the ancient city.

Mr. Menachem Eyal is director of the Corporation.

Old City Caesarea, P.O.B. 44; Tel. 063-88381/2

EILAT

Eilat's history dates back to biblical times. King Salomon's port of Ezion-Geber was an important center for trade with the countries bordering on the Red Sea and Africa. Years before the State of Israel came into being, to be exact in 1934, the erection, building and development of Eilat — as a port-city at the head of the Gulf of Eilat, and as a second Israeli outlet to the sea — was a favorite dream of the former Prime Minister David Ben Gurion. Today the dream has materialised, the town has been built and Ben Gurion has been made Freeman of Eilat (at her 20-years anniversary festivities).

Notwithstanding difficult conditions and the shortage of manpower, Eilat develops rapidly. At the Timna Copper Mines more than 1,000 workers are employed and about the same number work in the port, which handles almost one million tons of cargo (excluding crude oil). A 42" pipe-line has been constructed from the fuel harbour to Ashkelon. Ships link Eilat with Africa, South-East Asia, the Far East and Australia.

A new road links Eilat with Beer Sheba in the north and Ophira in the south, both at distances of 240 km away. The town can be reached by car, taxi service, autobusses of Egged (with direct service also from Kiriat Shmona and Haifa) and by planes of Arkia, Israel Inland Airline, making more than twelve roundtrips daily from Tel Aviv, Lod and Jerusalem.

Tourism in Eilat's main surce of income. In addition to the beautiful blue sea, with a fascinating view of corals and fish, many tourist services are available. From Eilat tours can be made by car, autobus, boat (with or without glass-bottom) and plane. Trips can be made for a few hours up to five days, in combination of land/sea/air. Twothousandthreethundred hotelrooms are available to the tourist, which makes Eilat Israel's third tourist town, after Jerusalem and Tel Aviv. Swimmingpools, nightclubs and pianobars; restaurants and ice-cream parlours are there to serve both tourists and the population, now nearing twenty thousand.

Eilat has a municipal area of 70,000 dunam, 35 kindergartens, 5 elementary schools, 3 secondary schools, also a free-for-all public-library, a cultural center, youth clubs and two musea. The ciitycouncil has eleven elected members and the annual budget passed eleven million Pounds.

Offices of the City Council: P.O.B. 14 Eilat 88100, Tel. 059-2133.

The editorial board of

WHO'S WHO IN ISRAEL

(including Jewish notables engaged in pro-Israeli activity all over the world) is interested in biographical sketches of people working for Zionism and for the Israeli cause, everywhere !

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HERZLIA

Herzlia, named after Dr. Binyamin Ze'ev Herzl, is situated in the Sharon Plain, ranging over an area of 26,000 dunams from the sea-shore on its west, including 6 kilometres of one of the most beautiful and popular bathing beaches in the country, to Ramat Hasharon and Ra'anana on its east. Now almost 47 years old, Herzlia was founded by the Am. Kehillat Zion Society, and its present population of approximately 50,000 souls enjoys a variety of livelihoods, provided by the 50 factories (all engaged in "clean" industries), situated in the Industrial Park, as well as by the numerous artisan and commercial enterprises located in other parts of the City. Another source of income is the hotel and tourist industry which flourishes all the year round, with the beach serviced by municipal life-savers throughout the winter.

Herzlia still retains some of its once ubiquitous orange plantations.

In November 1969, the 9th City-Council was elected with Mr. Yosef Nevo as Mayor. Following experts' surveys and reports ordered by the Mayor, Municipal reorganization was implemented and, inter alia, a City Ombudsman and Comptroller were appointed.

The present City Council of 17 members, is comprised of 9 members from the Labour Parties (Ma'arach), 1 Independent Liberal who together constitute the municipal coalition formed in 1971, and the "opposition" parties of 5 members from Gahal and 2 from the National Religious Party (Mafdal).

Herzlia, Sokolov St., Tel. 98 26 92.

HOLON

The city of Holon was founded in 1936 near the highway leading from Tel-Aviv to Jerusalem, South of Mikveh-Israel (7 km from Tel-Aviv) by a group of workers, who settled on the sandy dunes.
The name Holon originated from the Bible: "and Goshen, and Holon, and Giloh; eleven cities with their villages" (Joshua 15:51). The name Holon was, however, meant to express the local scenery: the moving sand-dunes ("hol" = **sand** in Hebrew) occasionally reaching a height of 10 metres. The name was confirmed by a special committee under the chairmanship of the late D. Remez (the then secretary of the Histadruth and later Minister of Education and Transport). The name "Holon" was originally suggested by the late Dr. Haim Harari and passed unanimously by the above committee.
Various local excavations proved that the area was rich in fauna in pre-historic times, which attracted the early hunter (antique hunting-material made of stone was discovered). The ruins of a Canaanite city (3,000 B.C.E.) devastated in 1,000 B.C.E., was discovered locally. Signs of life and ancient culture from the Hashmonean and Roman periods were also unearthed. Life was extinguished in the area after the Arab conquest and devastation in the 7th century C.E. and the fruitful land was covered by the sea's sand-dunes.

The founding of modern Holon (1936) arose out of the need to establish safe movement on the Tel-Aviv—Jerusalem highway and the need to build a Jewish settlement between Jaffa and Jerusalem. From distant and separate workers' settlements it was eventually amalgamated into one village. Holon's first settlements were: Agrobank (today's Shenkar, Sokolov and Krauze with its nearby streets), Kiryat-Avoda (today's Bialik, Arlozorov, First of May, Beilinson, Blum with its adjacent streets), Shchunat-Am (today's Dov-Hoz avenue with its nearby streets).
Out of a village numbering 6,500 souls in 1948, when the State was founded, it became a city of 110,000 in 1972 and it is planned to expand to a population of a quarter million.
On the industrial site of 2,200 dunams, adjacent to the city, are concentrated many factories and workshops employing 18,000 workers, most of them Holonites. Due to the dynamic growth of the city, there is a demand to widen its industrial area.
Approx. 25,000 pupils are enrolled in Holon's educational institutions (kindergartens, public and industrial schools). The Technological College is now part of the Tel-Aviv University's engineering faculty. In the 4th year since its establishment, 500 students are studying there mechanical-engineering, electronics and production-engineering.
A modern 650 beds hospital with a nurses' school will be completed in 1975 in the suburb of Tel-Giborim.

Holon is, indeed, a melting-pot for most diasporas of the Jewish world, as more than 70% of its population congregated here from 80 countries. In spite of the difficult problems we can humbly state that we have done a lot for the economic and spiritual integration of the new immigrants. In this battle (the melting of the diasporas) we have overcome the difficulties of human nature. We are proud to state that tens of thousands of new "Olim" (immigrants) have become proud equal-rights citizens of our city.
The Samaritan community numbering 250 souls (half of its total population) is now celebrating the 20th anniversary of its settlement in our city. The Municipal Council is doing its best in preserving the Samaritans' ancient tradition.
Finally, it should be stated that the City-Fathers and planners aim is to continue the development of Holon as an indusrial and garden city whose residents will be happy and proud to dwell in it.

The City Council of 17 members is headed by its mayor, Mr. Pinhas Eylon, who is also the chairman of Israel's Union of Local Authorities. His private address: 104 Bialik St., Holon. Tel.: 843043.
Deputy-Mayor — Mr. David Zadok.
Town-Clerk — Mr. Dov Chomsky.

KIRYAT ONO

Just east of Tel Aviv lies the town of Kiryat Ono with a population of 18,000. It adjoins the site of Bik'at Ono, a very ancient city mentioned in the records of Thotmes III of Egypt. Jewish annals describe it as being surrounded by a well dating to the time of Joshua. According to the Bible, Ono was built by the sons of Elpaal (1 Chronicles, 8:12). In the period of the Return from Babylon, about 445 B.C.E., "he children of Lod, Hadid and Ono, seven hundred twenty and five", came back with Nehemiah. Later after the destruction of the Second Temple, the town became a famous center of learning. Kiryat Ono appears to have had a Jewish community until the Arab conquest, after which Jews are no longer mentioned in its history. As an Arab village, it was known as Kfar Ana.

The decision to set up the new Jewish town of Kiryat Ono near the Arab village was taken by a group of building and factory workers, together with professional people, who wished to live a rural life not far from Tel-Aviv. They took possession of the land in 1939; the first settlers used to work as hired laborers, while cultivating small auxiliary farms near their homes. With the creation of the State, real expansion began. The onset of mass immigration made ite necessary to build a large "maabara", which has since been liquidated, and its inhabitants relocated to modern housing. Within the past five years, the population has doubled with the construction of the modern Kiron, Ri mon and Yaron housing projects and shopping centers. A new road has been completed, linking Kiryat Ono with Tel Hashomer and Ramat Gan, thus shortening the distance to Tel Aviv and the main highways.

Considerable progress has been made in the field of education. There are 3600 pupils at present attending 21 schools, including a secondary school. This year an intermediary school ("chativat habeinayim") was established. In addition, there is a Conservatory with about 450 pupils. The Conservatory maintains a Woodwind Orchestra considered to be the best of its kind in Israel. It received great praise while on a European tour five years ago; they have also been last year on a second tour in Holland. The Local Council also maintains vocational centers and sports programs. Much attention is also given to voluntary organizations and cultural activities for the adult population.

The Mayor of Kiryat Ono is Advocate **Avigdor Warsha.**

Local Council: Tel. 757117.

LOD

Lod is one of the oldest towns in the coutry; at the time of the Second Temple, it was an important town and a commercial center on the road from the coastal plain to Jerusalem; at the beginning of the Jewish return, it developed into a flourishing trading town and a center of Government in Judea.

Before the 1st world war, some Jews tried to settle in Lod, but left when the disturbances started. The town was liberated from the invading Arab Legion by the Israel Defence Forces on July 11, 1948.

Lod is situated on the cross-roads leading to the South of the Country; Jerusalem in the East, Haifa in the North and Tel-Aviv in the West. It is about 4 kilometres from Lod Airport. The area under its jurisdiction covers more than 9000 dunams and its population is colse to 34,000. There are 48 kindergardens and 17 elementary schools with 7000 children, among them 2 Arab schools, with 700 children, a center for vocational training, 2 "ORT-Israel vocational schools for boys and for girls with 550 pupils. Further there are projects for juvenile employment and a Conservatoire of the Municipality for 100 pupils; mention must also be made of the Regional Library with its 25,000 volumes, and thousands of readers. This Library has been set-up on the initiative of the London Rothschild family, through "Keren Hanadiv" ("The Fund of the Generous One"); this library maintains three branches in the Gezer area, Modyin and Nahal Soreq, serving also numerous rural localities through its

motorized "Ambulant Library" van. Lod boasts also a Pedagogical Centre, and a Youth Brass Band.

The Secondary School at Lod serves both Lod and Ramla; it has 25 classes with 850 pupils, both from Lod and from Ramla. A Religious Secondary School, also serving both Lod and Ramla, contains 9 classes with 515 pupils and an Aeronautical School maintained by the Israel Aircraft Industries Ltd. and by the Municipality of Lod. The City opened also a Psychological Clinic for the benefit of the school population.

Lod has three zones for industry and workshops. The areas are easily accessible and most suitable for developing manufacturing enterprises. Efforts are being made to expand the existing industry and to attract new enterprises.

A new urban and commercial center is now being built, consisting of 2,200 residential units, mostly designed to accomodate the staff of the Israel Aircraft Industries, the municipal offices and other institutions. Lod is destined to become, in the near future, an aviation center, through the transfer of the staff of the Israel Aircraft Industries, of El-Al and of the civil aviation to permanent-quarters in the city.

It is likewise contemplated to erect in Lod workshops designed to cater for the needs of the Aircraft Industries.

The City Council is headed by Mr. Zvi Itzkovitz.

Offices of the City Council : Lod; Tel. 962481.

NAHARIYA

Nahariya's founding fathers arrived in Israel from Germany in December 1934, shortly after Hitler's advent to power there. They settled on a stretch of land in Western Galilee, comprising some 2500 dunam, and called their new home Nahariya; today, Nahariya's municipal area expands over 10500 dunam and its population amounts to 30,000 Jews from all over the world. Western Galilee is situated in the area which in biblical times belonged to the tribe of Asher and the municipal crest contains a reference to this fact, written in ancient Hebrew.

During the period prior to the proclamation of independence, the shores of Nahariya were witnessing the illegal arrival of Jews escaping from the hell of Europe; their brethren in Nahariya had usually been helping them to come ashore and giving them shelter, until their being dispersed to safe hiding places. At the outbreak of hostilities prior to Israels independence the Arabs of Acre and nearby villages cut the road between Haifa and Nahariya, but Nahariya's gallant settlers established a life-line with Haifa, using small motor-boats. On May 13, 1948 the valliant soldiers of ZAHAL forced the road open again. Then, a stream of thousands of new immigrants came to settle in Nahariya, building up the new city as a famous summer resort, attracting yearly more and more local and foreign tourists, as well as an industrial center. The Municipality of Nahariya, with its various Departments, has duly encouraged the further development of the town.

The first nationally known enterprises to be established in Nahariya were the Straus Dairy (marketing its produces all over the country), the Moller Textiles, Soglowek (meat products), Isasbest (asbestos cement products), Iscar Ltd. (machine parts) and Lahavei Iscar (precision tools, etc.), Dekora (Textiles), Vargus, Adimek and Egmo, also producing metal wares, electrical tools, etc. Two new enterprises have been lately established, namely: Montana (paper) and Rehitei Galil (furniture). Generally, Nahariya's economy rests upon four foundations: Industry, Tourism, Agriculture and Services. Special attention is, naturally, given to tourism, Nahariya being blessed with a wonderful, modern public beach with breakwaters sheltering the bathers, an anchorage for small craft and sailing-boats, a large swimming-pool and other modern beach installations. It also boasts a rich public library for adolescents and adults, a cultural centre, various play-grounds, an amphitheatre, several cinemas — all for the service of our guests during the season. The new Town-Hall houses, besides all the municipal offices, an exhibition hall, a lecture hall for congresses and concerts and a roof-garden which offers a point of vantage from which the entire Western Galilee may be seen, Archaeological Museum and Malacological Museum.

Nahariya's educational institutions serve today

a total of about 6000 pupils, including some 3500 in 9 elementary schools, some 1200 in 3 secondary and vocational schools, and some 500 tots in 16 kindergartens.

Western Galilee is rich in antiquities, and on Nahariya's beach a Canaanite temple dating back some 3600 years has been uncovered.

Right down the centre of Nahariyas mainstreet flows the Gaaton river, giving Nahariya its name (from Hebrew "nahar" — river) and adding even more charm to an already charming place: NAHARIYA.

Mayor of Nahariya is Mr. **Gershon Tatz;**
Vice-Mayor: **Zwi Malik;**
Vice-Mayor: **Sigi Keren.**
P.O.B. 78, Nahariya; Tel. 922121-4

REHOVOT TOWN OF CITRUS AND SCIENCE

Founded in 1890 by the "Menucha & Nechala" Society in Warsaw and old settlers from Russia, Rehovot is the regional administrative capital with offices for income and property tax, health, national insurance, Court of Justice etc.

Rehovot is the centre of citrus and science In 6 mechanized packing sheds, next to the railway station about 30% of the whole citrus harvest is packed and sent abroad. Rehovot is the home of the Weizmann Institute of Science, an institute well known the world over, as well as the National Agricultural Institute, which is attached to the Jerusalem University.

The late Dr. Chaim Weizmann, Israel's first President, built his home in Rehovot and there "Yad Weizmann" was erected in his memory. More than 100.000 people visit his grave side every year.

Municipal area: 22,500 dunam; Length of paved roads: 70 Km.; Population: 42,000; Length of canalization: 85 Km.; Area of citrus plantations: 12,000 dunam; Lamps: 2100; Ordinary budget for 1973-74: IL. 26,000,000; Public parks and groves: 126 d.

Scientific institutions: The Weizmann Institute of Science, The Agricultural Faculty of the Hebrew University & The Wolcani Institute of Agricultural Research.

Hospitals: "Kaplan" regional hospital; 1 Maternity Hospital.

"Yad Lebanim" House: in memory of the Sons of Rehovot, fallen in the War of Liberation.

Industrial Enterprises: 6 citrus packing sheds, 2 factories for citrus products (Jaf-Orah, Pri-Tnuva), regional Tnuva dairy, "Suliatan" — factory for artificial leather, "Serafon" — factory for Resinous Chemicals, "Palco" — ice-cream factory.

In recent years new industries producing in the scientific field in close corporation with the Weizmann Institute have been established, e.g. Miles-Yeda, Rehovot Instruments, Hydronautics-Israel, Electro-Optical Industries in Israel, Technological Science.

Mayor: **Shmuel Rechtman;**
Vice Mayor: **Ben-Zion Zanaani;**
Deputy Mayors: **Yitzhak Cohen, Avraham Druk, Moshe Milhem, Joseph Weiss.**
Members of Council: Gamil Azlan, Gershon Dror, Yitzhak Feinstein, Israel Katzenelson, Yacob Leshem, Nahum Porath, Shimon Sapir, Yehoshua Verbim, Yitzhak Yacobi.
Town Clerk: **Arieh Yakir.**
Address: Rehovot, P.O.B. 1111; Tel. 951001-2-3.

RISHON LE ZION

Rishon le Zion, which was proclaimed a Local Council in 1921 and a Municipal Corporation in 1950, was founded on the 25th of July, 1882.

In the beginning it expanded on an area of 3,340 dunams. Now it covers an area of 44,495 dunams. In 1882, its population numbered ten pioneers; now it has a population of over 56,000.

Rishon constitutes a harmonious combination of agricultural and industrial endeavour. A verdant zone of citrus groves and vineyards surrounds the town, whilst within its borders, a large number of industrial enterprises have been set up, including the world-famous wine cellars founded by Baron Edmond de Rothschild, Silicate Bricks Factory Ltd., "Okava" Blades, "Nagariat Hadarom" Woodsworks Ltd., Ben-Gal — wireless sets, "Tavlin" Ltd., — oil and soap factory, Alumayer Ltd. —

aluminium works, Charoshet Cheymar Ltd. — cement product factory, and other large and small plants.

The main expansion of Rishon is directed over the famous sand dunes, extending to the sea-shore, with an excellent bathing beach, over an area of 20,000 dunams.

The Municipal council, consisting of 15 members, is headed by Mayor Hanania Gibstein.

The members of the Municipal Council are Messrs (in alphabetical order): Avishay Menahem, Ben-Shoshan Shlomo, Horowitz Meir, Karni Frania, Leibovitz Zvi, Madmoni David, Menachem Shalom, Mizrachi Menachem Mordechai, Mizrachi Israel, Pelz Israel, Rot Yaakov, Shlinca Itzhak, Siterman Michael, Zinar Benyamin.

The budget of the financial year 1973/74 amounts to IL. 32,000,000.

The Offices of the Municipal Council: 24, Rothschild St., Rishon Le Zion; Tel. 942126-9.

SAFAD

The history of Safad (Hebrew: Tzefath) goes back to the last days of the second Temple. In 1140, the Crusaders built a fortified castle on top of the hill, which has survived to this day.

Jewish life in Safad began in the 13th Century. In the 16th Century it became the centre of the Cabbalists and other mystic sects. The great luminary of that period was Rabbi Isaac Lourie Askenazi commonly called "The Ari" — founder of the Kabbalistic School.

At the outbreak of World War I, the Jewish Community of Safad numbered about 10,000. In the course of the Mandatory period, however, little was done to promote settlement, with the result that the Jewish population dwindled to mere 1,500 in 1948. The State of Israel devoted considerable funds to the rehabilitation of Safad with the result that today its population exceeds 15,000, consisting mostly of newcomers from abroad. All the Arab population, some 12,000, left the town when Israeli troops advanced to take the town in 1948.

Even before Safad started on the upgrade after 1948, the town was recognised as a popular summer resort, and a number of hotels were built in the town itself and on the adjacent Mount Canaan. Its salubrious climate and high altitude (Safad: 834 metres; Mt. Canaan: 917 metres) coupled with a delightful view to the North, East and South, have made Safad very popular. The present hotel-capacity of the town and of Mt. Canaan, including Convalescent Homes, is 2,500 beds, besides many private rooms, available for the entire season.

Upon the initiative of a group of artists (painters and sculptors), an Artists' Quarter has been established: "Kiryat Hatzayarim". In addition, the stadium amphitheatre was planned and erected in 1963. Many gardens are being laid out in various parts of the town. Three Night-Clubs were opened. In planning the development of the town, the Safed Development Committee, with the active support of the Israel Government and the Municipality, has intensified its efforts to promote investments for the construction of more hotels and industrial enterprises.

Mr. E. Kadosh, Mayor.

Mr. Shmuel Harosh, Town-clerk.

7, Jerusalem Street, P.O.B. 1006, Safed. Tel. (067) 30961-64.

ZIKHRON YA'AQOV

Zikhron Ya'aqov was founded by immigrants from Rumania in 1882 as the first Jewish settlement in the Shomron. For more than 20 years it was supported by the father of the Yishuv, the late Baron Benyamin Edmond de Rothschild.

Situated on a high point on the slopes of the Carmel, the settlement overlooks the sea and has a delightful view of the surrounding landscape.

From a small settlement of 150 inhabitants, Zikhron Ya'aqov has now grown to a flourishing community of 5,000 souls. There are more than 1,000 children attending two schools and four kindergartens, 2 public libraries, sports grounds, well-run institutions, many roads, a railway and an excellent network of services.

The area under Zikhron Ya'aqov's jurisdiction covers 32,000 dunams.

Although it is basically an agricultural settlement, with its famous vineyards, wine cellars and large wine presses, there are also stone and lime quarries and light industrial enterprises. In addition the invigorating healthy

mountain air has encouraged the establishment of many convalescent homes, amongst which is the well-known artists' rest home, "Beth Daniel", the convalescent home named after the late David Remez, and the Rest Home "Mivtachim" (400 beds), both under the management of Kupat Holim.

The Local Council pays great attention to the development of the settlement by paving roads, laying out gardens and woods and extending the water and electric supply over a wide surrounding area. The Council also tries to help persons wishing to invest in the development of building and industry, and for this purpose it sets aside special areas and provides the necessary services.

Among works done lately: College for building workers near Beth Remez, Telephone Exchange, Dispensary for Mothers and Children.

Zikhron Ya'aqov has a highly individual character and its healthy development points to a secure future both for the local inhabitants and for those who choose to live and work in the surrounding area.

The Local Council is headed by Mr. Ya'aqov Levi.

The members of the Local Council are Messrs. (in alphabetical order): Aziz Bela, Bergman Nathan, Dahan Yonathan, Dr. Lev, Levi Yaaqov, Mizrachi Nissim, Shibowsky Yishay, Sharabi Nissim, Zimroni Yehuda.

Hamoetza Hamekomit, Zikhron Ya'aqov, P.O.B. 10; Telephone 9122, 9022.

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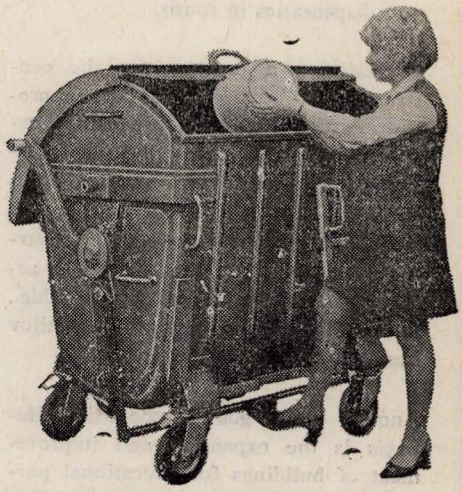
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MIFAL HAPAYIS THE ISRAEL LOTTERY

Established in 1951 upon a decision of the Knesset's Finance Committee, the Mifal Hapayis has been instrumental in creating for the public welfare, especially in the field of health and education, a major source of extra budgetary financing. On its twenty second year of existence, the Mifal Hayayis has shown in 1972-73 an income of IL. 186,665,242 of which IL. 145,000,000 accrued from the sales of tickets, IL. 41,000,000 from the introduction of the Lotto game, and IL. 30,900,000 from interests and linkage-differences.

For 1973-74, the Mifal Hapayis has approved the building of: day clinics, most of them in rural areas, infirmaries, underground dispensaries on the borders and dispensaries in towns.

In addition, a program for the construction of hospitals has been approved. Further funds for expansion purposes, have been allocated to the "Hadassa" hospital in Tel-Aviv, the "Rothschild" hospital in Haifa and to the Medical School of the Haifa University. The Mifal Hapayis helped to acquire part of the Hadar Daphna Bldg., which will become part of the Ichilov hospital.

Another major goal of the Mifal Hapayis is the expansion and improvement of buildings for educational purposes. Thus, in 1973-74, the Mifal Hapayis will finance the construction of classrooms, shelters and other educational needs, for a total amount of IL. 75,000,000.

It is worthwhile noting that since the beginning of its activity in the field of health, the Mifal Hapayis has financed the construction of clinics, underground dispensaries, informaries in rural areas and dispensaries in towns and villages. This, in addition to the joint project of the Mifal Hapayis and the Ministry of Health, to which the Mifal Hapayis has to contribute IL. 120 millions out of a total budgett of IL. 300 millions. This proiect is to cover the construction of hospitals which will contain a total of 5000 beds.

The Board of Directors of the Mifal Hapayis consists of representatives of the Ministry of Finance, the Ministry of Interior, the main Municipalities and the Union of Local Authorities.
Dr. Michael Landau, President of the Mifal Hapayis since its inception, has now retired and has been replaced by the City Treasurer of th Municipality of Tel-Aviv, Mr. I. Oren, a veteran member of the Board of Directors of the Mifal Hapayis.

In recognition of Dr. Landau's achievements, the Mifal Hapayis, the Government and the Public Authorities, have created in his name a Scientific Research Fund of IL. 500,000.

President — Mr. Isaac Oren;
Deputy Director General — Mr. Moshe Talmon;
Chief Accountant — Mr. I. Levinbuk;
Secretary General — Mrs. J. Kenan.

3, Heftman St., Tel-Aviv; Tel. 25 72 41.

THE JEWISH AGENCY

The Jewish Agency is a non-profit public organization dealing with the settlement of Jews in Israel. It is an outgrowth of the World Zionist Organization which was founded in 1897.

The status of the World Zionist Organization underwent a significant change with the granting of the Mandate by the League of Nations to His Britannic Majesty in 1922. Under Article 4 of the Mandate, the World Zionist Organization received formal status. Article 4 of the Mandate provided that:—

> "An appropriate Jewish Agency shall be recognized as a public body for the purpose of advising and co-operating with the Administration of Palestine... The Zionist Organization, so long as its organization and constitution are in the opinion of the Mandatory appropriate, shall be recognized as such agency. It shall take steps in consultation with His Britannic Majesty's Government to secure the co-operation of all Jews who are willing to assist in the establishment of the Jewish National Home."

The World Zionist Organization thus acted as The Jewish Agency. However, pursuant to the ultimate paragraph of Article 4 of the Mandate, the World Zionist Organization co-operating with other Jewish bodies throughout the world, created a distinct organization in 1929, to assume the duties mentioned under that Article, and that body became recognized by the mandatory power and the League of Nations as The Jewish Agency for the purposes of the said Article.

Thus, The Jewish Agency acquired a status in International Law. The status of The Jewish Agency as a public body was moreover recognized by the Permanent Court of International Justice. Until May 15, 1948, The Jewish Agency nad the World Zionist Organization were concerned with most aspects of Jewish life in Palestine. They organized the transportation of immigrants, took charge of agricultural settlement and development work, assisted in organizing educational, social and health services, promoted economic development, and served as the political representative of Palestine Jewry vis-a-vis the Mandatory Government and international organizations. In short, for close to three decades the World Zionist Organization and The Jewish Agency in effect served as a quasi-government for the Jewish community, which laid the foundations for the State of Israel.

In 1948, the Government of Israel took over those functions which generally are the responsability of a sovereign state. At the same time, the World Zionist Organization — The Jewish Agency for Israel, with the financial support of World Jewry, became the central instrument for the rescue and resettlemnt of hundreds of thousands of destitute immigrants. The new focus of The Jewish Agency's work was confirmed in the Status Law which was passed by the Knesset (Israel's Parliament) on November 24, 1952, and which recognized the World Zionist Organization — The Jewish Agency for Israel as the body responsible for the direction and implementation of the immigrant resettlement programme.

By reason of its historical record and world-wide organization, The Jewish Agency has come to be regarded as the representative of Jews the world over who are interested in participating in the development of Israel, and of the immigration of Jews to it. It is the recipient of funds raised throughout the world fo rthe purposes above-mentioned. Since 1967, with the growing participation of World Jewry through its fund raising organizations in charitable and other important beneficial work in Israel, discussions were conducted between the World Zionist Organization and these fund raising organizations with the view of reconstituting The Jewish Agency, thus cementing the partnership

of the Zionist Movements the world over with fund raising organizations which were and have been helping Israel to supply human needs.

In February 1970, the Zionist General Council approved a draft document entitled "Agreement for the Reconstitution of The Jewish Agency." In August 1970, the Agreement was approved by the Planning Committee for the reconstitution of The Jewish Agency in which participated representatives of the World Zionist Organization and the fund raising organizations. In June 1971, the first Assembly of the reconstituted Jewish Agency was convened, and the said Agreement came into force.

The new arrangement provided for a separation of functions between the World Zionist Organization and The Jewish Agency for Israel. The reconstituted Jewish Agency undertook the following functions which were formerly in the care of the World Zionist Organization — The Jewish Agency for Israel:—

> "Immigration and absorption of immigrants in Israel, including absorption in agricultural settlement and immigrant housing, social welfare services in connection with immigrants, health services in connection with immigrants, education including higher learning and research, and youth care and training.

The World Zionist Organization continues to perform all other functions which were previously taken care of by the World Zionist Organization — The Jewish Agency for Israel, mainly education in the Diaspora, and organizing youth movements.

The governing bodies of The Jewish Agency for Israel as from June 1971 are: the Assembly, the Board of Governors and the Executive. The Assembly determines basic policy and decides upon budgetary proposals submitted by the Board of Governors. The Board of Governors manages the affairs of The Jewish Agency in between meetings of the Assembly, and the Executive is responsible for the day-to-day operations of the Jewish Agency.

The acting chairman of the Executive is Mr. Leon A. Dulzin. The chairman of the Board of Governors is Mr. Max Fisher. The Director-General is Mr. Moshe Rivlin.

THE JEWISH AGENCY EXECUTIVE

Leon A. Dulzin (Acting Chairman and Treasurer)
Max M. Fisher (Chairman of the Board of Governors)
Melvyn Dubinsky (USA)
Edward Ginsberg (USA)
Rabbi M. Kirschblum (Immigration & Absorption)
Joseph Klarman (Youth Aliyah)
Michael Sacher (United Kingdom)
Ezra Shapiro (Keren Hayesod)
Dr. Ra'anan Weitz (Settlement)
Paul Zuckerman (USA)

ASSOCIATE MEMBERS
Irving Bernstein (USA)
Philip Berstein (USA)
Gottlieb Hammer (USA)

DIRECTOR GENERAL
Moshe Rivlin

THE BOARD OF GOVERNORS OF THE JEWISH AGENCY

BOARD OF GOVERNORS

The composition of the Board of Governors was determined thus:

50% — representatives of the World Zionist Organization
30% — representatives of the U.I.A. in the USA
20% — representatives of Keren Hayesod

This is the composition of the Board of Governors:

REPRESENTATIVES OF THE WORLD ZIONIST ORGANIZATION:

1. **Louis A. Pincus**
2. **Mordechai Bar-On**
3. **Mrs. Charlotte Jacobson**
4. **Leon A. Dulzin**
5. **Rabbi Richard Hirsch**
6. **Rabbi Prof. Arthur Hertzberg**

7. Prof. Ra'anan Weitz
8. Jacques Torczyner
9. Mrs. Ra'yah Yaglom
10. Rabbi Israel Miller
11. André Narboni
12. Kalman Sultanik
13. Prof. Allen Pollack
14. Chaim Finkielszteyn
15. Rabbi Mordechai Kirschblum
16. Joseph Klarman
17. Moshe Krone
18. Sam Rothberg
19. Rabbi Prof. Emmanuel Rackman
20. Avraham Schenker
21. Ezra Shapiro

REPRESENTATIVES OF THE U.I.A. IN THE USA:

22. Max Fisher
23. Albert Adelman
24. Raymond Epstein
25. Irving Bloom
26. Edward Ginsberg
27. Melvyn Dubinsky
28. Jack Weiler
29. Philip Zinman
30. Morris Levinson
31. Paul Zuckerman
32. Victor Carter
33. Robert Russell

REPRESENTATIVES OF KEREN HAYESOD:

34. Gordon Brown
35. Michel Topiol
36. Isadore Magid
37. Hyman Morrison
38. Justice Israel Maisels
39. Leon Mirelman
40. Michael Sacher
41. Dr. Tibor Rosenbaum
42. Max Schein

THE WORLD ZIONIST ORGANIZATION

The World Zionist Organization was founded by Theodor Benjamin Zeev Herzl at the First Zionist Congress held in Basle, Switzerland, in 1897. The First Congress stated the aim of the Zionist movement in the Basle Programme: "Zionism strives to establish for the people of Israel a homelad in Eretz-Israel guaranteed by public law". Immediately after the First Zionist Congress Herzl wrote in his diary: "In Basle I have founded the Jewish state". Indeed, the World Zionist Organization was the main instrument of the Jewish people for the building of the State of Israel.

The activities of the Zionist movement for Jewish national revival among the Jewish people, for Aliyah to Eretz-Israel, for Jewish settlement in Eretz-Israel and its political efforts to influence peoples and governments led to the publication of the Balfour Declaration in 1917, to the approval of the Mandate on Palestine in 1920, and to the establishment of the State of Israel in 1948. The World Zionist Organization played a decisive role in the preparation, unification and mobilization of the Jewish people, in preparing Eretz-Israel for the renewal of Jewish national independence, in building and developing a Jewish defence force, the Haganah organization, and in establishing the State of Israel in 1948.

After the establishment of the State, the aims and tasks of the Zionist movement were re-defined at the 23rd Congress, the first Congress held in Jerusalem after the establishment of the State: "Strengthening Israel, gathering the exiles in Eretz-Israel and securing the unity of the Jewish people". This programme was called the first "Jerusalem Programme".

The law on the "Status of the World Zionist Organization", adopted by the Knesset in 1952, and a "Covenant" signed in 1954 between the Government of Israel and the Zionist Executive granted the Zionist Organization and the Jewish Agency a special status: "The State of Israel considers itself as the work of the whole people of Israel and, by its laws, its gates are open to every Jew who wants to immigrate into Israel; the State of Israel recognizes the World Zionist Organization as the authorized agency that will continue operating in the State of Israel for the development and settlement of the country, for the absorption of immigrants from the Diaspora and for the coordination of the activities in Israel by Jewish institutions and associations that are active in these fields".

The "Covenant" determined the ways of cooperation between the State of Israel and the World Zionist Organization and the Jewish Agency through the "Coordinating Institution" composed of members of the Government and of the Zionist Executive.

The 27th Zionist Congress, held in Jerusalem in 1968, adopted the second "Jerusalem Programme" that re-formulated the aims of the Zionist movement:

- ★ *"The unity of the Jewish people and the centrality of the State of Israel in the life of the people;*
- ★ *The ingathering of the Jewish people in its historical homeland Eretz-Israel by Aliyah from all countries;*
- ★ *The strengthening of the State of Israel which is founded on the prophetic ideals of justice and peace;*
- ★ *Preserving the uniqueness of the people by promoting Jewish and Hebrew education and by cultivating Jewish spiritual and cultural values;*
- ★ *Defending the rights of the Jews wherever they live".*

In accordance with the Jerusalem Programme, the principal tasks of the World Zionist Organization are directed at organizing the Jewish people in support of the State of Israel; at encouraging Aliyah from the free countries; at promoting Jewish education and spreading the knowledge of the Hebrew language and Hebrew culture; at disseminating the values of Judaism and Zionism among the Jews of the Diaspora; at assisting and encouraging Jewish youth organizations in the Diaspora.

The World Zionist Organization organizes the Jewish people for supporting actively the Jerusalem Programme. In a "roll-call of members" organized in 1971 in the free countries of the Diaspora, nearly one million Jews declared themselves as members of the World Zionist Organization.

The supreme body of the World Zionist Organization is the Zionist Congress. The delegates of the Zionist Congress are elected by the members of the Zionist Federations in the free countries of the Diaspora. Israel is represented at the Zionist Congress by the Zionist parties in a proportion with the results of the elections to the Knesset. The Zionist Congress elects two institutions: *The Executive* whose task is to manage the affairs of the World Zionist Organization in Israel and in the Diaspora; the *Zionist General Council* which meets once a year and to whom the Executive is responsible, decides on the policy and the budget of the World Zionist Organization between two Congresses.

In financial matters, the Executive is responsible to a permanent committee on matters of finance and budget of the Zionist General Council.

The activities of the Executive in Israel and in the Diaspora are carried out under the permanent supervision of the Comptroller of the World Zionist Organization elected by the Zionist Congress.

The Zionist Executive operates through the following departments: the Treasury, the Division for the Encouragement of Aliyah and Absorption from the Free Countries, the Settlement Division, the Department of Organization and Information, the Department of Torah Education and Culture in the Diaspora, the Youth and Hechalutz Department, the Department for Zionist Activities among the Sephardic Communities in the Diaspora. The Executive maintains the Central Zionist Archives and the Bialik Institute.

Each department is headed by a member of the Executive. The members of the Executive in New-York represent the World Zionist Organization vis-à-vis the greatest Jewish community in the world. The plenary session of the Executive meets from time to time with the participation of the Executive members from New York and Jerusalem.

In the years 1948—1973, the departments of the Zionist Executive concentrated mainly on the following activities: Encouraging and organizing Aliyah; training in Israel of 7,500 young men and women to serve as teachers and youth leaders in their communities abroad. They get this training in the training institutions of the Zionist Executive: the Greenberg Institute, the Gold College, the College for Youth Instructors from the Diaspora and the Torah School; over 100,000 young people, students, educators and Zionist activists from the Diaspora participated in training and work schemes in Israel organized by the departments of the Executive; 2,000 Israeli instructors were sent to teach in schools in 24 countries; educational books and teaching accessories were supplied for the education of over 300,000 students in Diaspora schools; Jewish Zionist education was promoted every year among over half a million youth and students in the Diaspora; Zionist activities and information about Israel were spread in Zionist Federations in 40 countries. Since 1967, the Settlement Division of the World Zionist Organization established 41 settlements in the Golan-Heights, in the Jordan Rift, in the Etzion Block, Pithat Rafiah and Sinai.

WORLD ZIONIST ORGANIZATION
THE EXECUTIVE

Leon A. Dulzin (Acting Chairman and Treasurer)
Itzhak Navon, M.K. (Chairman of Zionist Executive)
Iacob Tsur (Chairman, Board of Directors, Keren Kayemeth LeIsrael)

IN ISRAEL :
Mordechai Bar-On (Youth and Hechalutz)
Chaim Finkielszteyn (Education and Culture in the Diaspora)
Rabbi Richard Hirsch
Rabbi Mordechai Kirschblum (Joint Chairman, Immigration and Absorption)
Joseph Klarman (Youth Aliyah)
Moshe Krone (Torah Education and Culture in the Diaspora)
Moshe Rivlin (Associate Member)
Avraham Schencker (Organization and Information)
Ezra Shapiro (Keren Hayesod)

IN THE U.S.A. :
Rabbi Prof. Arthur Hertzberg
Mrs. Charlotte Jacobson (Chairman)
Rabbi Azriel Miller
Prof. Allen Pollack
Prof. Emmanuel Rackman
Kalman Sultanik

THE JEWISH AGENCY
Department of Immigration and Absorption

The Department of Immigration and Absorption of the Jewish Agency was founded as a result of the unification in 1968 of the Immigration and Absorption Departments and associations related to them following a decision of the World Zionist Congress. These departments have, since 1948, cared for the arrival of over 1.4 million immigrants from all corners of the world. Today the department is responsible for all functions concerning the immigration of Jews to Israel, the encouragement of aliyah, and the strengthening of ties with the Diaspora, and also supervises transfer centers for immigrants outside of Israel as well as absorption centers in Israel in which the immigrant resides temporarily during the first stage after his immigration.

Officials of the Department are convinced that immigration is important not only for Israel but for world Jewry as well. Accordingly, its actions are intended to strengthen the tie between the Diaspora and Israel by means of more than a hundred representatives based in immigration offices in different Jewish communities. The principal objective of the tasks of its representatives is to encourage immigration and to assist immigrants, but they serve as well as permanent bonds between Israel and the dispersed Jewish communities. The nerve center for immigration activities is in the six offices, "The Desks", organised on a geographic-linguistic basis, and located in Jerusalem. These offices handle the paperwork involved with aliyah and supply up-to-date reports on immigrants and on the condtions awaiting them on their arrival in Israel. The leading principle guiding the "Desks" is that every question merits an answer and that to the extent possible, immigrants' problems should be solved without troubling other offices.

The help that the immigrant gets from the department begins with the information first furnished on his application to immigrate, continues during the preparation for the trip to and arrival of his belongings in Israel, and ends in temporary lodgings (pending permanent arrangement for housing and employment) in one of several types of institutions:

(1) Absorption centers which receive immigrants academically qualified and in the free professions for whom knowledge of Hebrew is a condition for their employment. The immigrant stays there five months and learns Hebrew. During that time, he and his family are housed and receive most basic services, including schooling, a children's nursey and cultural activities.

(2) Residences destined for immigrants who have found or are about to find work in the area in which the center is located, but have not yet solved the problem of their permanent housing. Usually, the immigrant works and is the head of an independent household while he is at the center, but receives educational and cultural services and advisory assistance and support. Ulpan classes exist in the majority of the institutes.

(3) In addition to these three are ulpans and kibbutz-ulpans whose style of living follows the particular beliefs on which that kibbutz is founded.

A special unit of the World Zionist Organisation is "Tour v'Aleh". Its task is to inform tourists visiting Israel on the possibilities for their immigration, and to organise visits of Jews from overseas to inspect the possibilities for their settlement in Israel. This unit arranges meetings between the potential immigrants and their possible employers, suggests where they might turn for housing solutions, draws up lists of businesses for rent or sale, and lists job opportunities. This unit extends personal special care to each one of its "clients" with strict attention to the specific needs of each person.

The branch for Social Services of the Department cares for all problems arising for the immigrant during the first period after his immigration when he is in a state of "social construction" as a consequence of transfer from one country to another. The aim of the social workers activities — to assist the "oleh" in surmounting the difficulty of immigration and absorption in Israel.

The department prepares and furnishes information on Israel and life there and supplies to immigrants data on their rights, possibilities of work and study and the like. The total number of employees in the department exceeds 1500.

Common action between the Jewish Agency's Department for Immigration and Absorption and the Ministry of Absorption is a necessary condition for effective assistance to new immigrants, since the Ministry of Absorption is responsible for the social integration of the immigrants, the research into their circumstances, and coordination with the government offices responsible for care in their employment and their neighbourhood.

Acting Head of the Department for Immigration and Absorption: Rabbi Mordechai Kirshblum.

General Director: Uzi Narkis.

Address: P.O.B. 92, Jerusalem, Tel.: 02-225261, Tel-Aviv: 03-258211.

THE JEWISH AGENCY LAND SETTLEMENT DEPARTMENT

The renewal of rural settlmenet of the Jews in Eretz Israel began at the end of the nineteenth century with the founding of th first colonies in Palestine. From the outset, agriculture has been for both settlers and the Zionist Movement not only a source of employment and support, but also of inspiration for national revival.

After the declaration of statehood, much public funds and manpower were directed to rural areas to prepare the soil for agricultural settlement in all parts of the country. A chain of such settlements along the frontier was found to be the most effective means of fortifying th State and its borders. Settlement played a significant role in the dispersal of the population and the settling of vast desolated areas as well as in the reclamation of desert wastes; it helped create stable communities and integrate immigrants, and to advance the state economy by developing agricultural branches specializing in high quality exports.

The period from 1948 to 1953 became one of the mass settlement of 90,000 new immigrants in 330 new agricultural settlements. From then on, settlement activities invaded new areas: the Jerusalem Corridor and the Negev Region were settled by a number of kibbutzim and moshavim, while settlements were established in Upper Galilee and other unpopulated areas.

In 1954—55, two new regions were developed — the Lachish Region in the south and the Ta'anach Region in the north — according to new concepts which subsequently gained for Israel world-wide acclaim. These new methods of regional settlement constituted a coordinated regional planning scheme linking agricultural settlement with rural and urban centers and providing for the establishment of industries and regional public services. At this time 49 new settlements were founded.

In the 'sixties a project was launched involving production for export. By exploitnig climatic conditions in the southern arid regions, vegetables and fruit were grown out of season manly for export — and for this purpose settlement arose in the Western Negev, in the Bsor Region and in the Arava.

The total area cultivated by settlements established after 1948 is 1.5 million dunams out of a total of 4.2 million dunams in the entire country; this represents one-third of the total land cultivated in Israel.

The agricultural output in the new settlements constitutes 26% of the total agricultural output in Israel.

In compliance with changing needs, the Department has undergone many changes. Its modus operandi is now based on two factors: The comprehensive nature of its activities and its decentralized structure. The task of directing all aspects of rural settlement involves physical, economic and agricultural planning; day-to-day extension work — that is, instruction of the settlers; social follow-up of achievement; organizational instruction in village and farm management; and finally, financing these activities. Consequently, the Department's personnel includes many professional workers such as, agronomists, physical planners, architects, civil engineers, water engineers, soil surveyors, economists and sociologists. Recently, with the inclusion of non-agricultural branches in the villages, the Department has engaged experts in industrialization and in a variety of services.

In recent years, impetus has been given to settlement activity by the establishment of villages intended to serve state targets. With the aid of plans specially prepared for every single settlement, the Department has been largely successful in this effort.

Such settlements are established mainly in areas in which their basic activity would be agriculture. Surveys are conducted by the Department, while final authorization for their establishment rests in the hands of the Agricultural Planning Board headed by the Minister of Agriculture and his colleagues, mem-

bers of Ministries concerned with development, as well as public institutions and organisations such as the Settlement Department, Mekorot, agricultural organisations, etc. Upon such authorization, a joint institutional localization committee determines upon an approved site. The Department then prepares the physical and architectural plans which are submitted for approval by a committee also composed of representatives of the relevant Ministries and institutions. At this point, it is also decided to which Settlement Movement the village will belong. Detailed planning is then put into implementation by stages. If, in the first stage, conditions do not permit the creation of a regular agricultural settlement, a Nahal (military) outpost is set up. Concurrent with construction work by the Ministry of Housing, the infra-structure is also installed. Sometimes agricultural development is implemented even before actual settlement. The Department is responsible not only for the initial preparation and construction of the settlement, but up to the stage of its final "consolidation" and participation in the regional scheme. Upon taking possession at their farm units, the settlers receive from the Department the required means of production with the aid of a long-term low-interest loan: fifty years at 2% (yearly).

The present goals of the Land Settlement Department are:

1. Speedy consolidation of the settlements still in its care.
2. Reinforcing and strengthening the border settlements, by the introduction of new sources of income and by the addition of new ones mainly in the Arava and the Galil.
3. The introduction of various industries into the rural areas.
4. The absorption of new immigrants in existing and new settlements.

The Department employs 680 officials and its budget for the 1973/74 year is IL. 187 million.

Department Head — Prof. Raanan Weitz

Director-General — Mr. Yehiel Admoni

P.O.B. 7053, Tel Aviv. Tel.: 03-258211.

YOUTH ALIYAH
ALIAT HANOAR

Youth Aliyah's uniqueness, since its inception in the early 1930's until today, lies in its ability to adapt its services to the ever-changing needs of Diaspora Jewry and the Zionist Movement and to the requirements of Israel and Israeli society.

The first years were devoted to rescuing Jewish children from physical annihilation and bringing them to Eretz Israel. In the early years of the State, a period of mass immigration, Youth Aliyah developed and adapted its facilities to integrate children who arrived in Israel with their families. In the late fifties and until the Six-Day War, Youth Aliyah adapted its services for a population of wards that could no longer be considered new immigrants — i.e., for the children of those old-timers who had not yet become fully integrated into Israeli life, its culture and economy.

After the Six-Day War, Youth Aliyah girded itself for the increased intake of three populations:

1. Youth who ar brought to Israel by Youth Aliyah and are educated at Youth Aliyah facilities. They arrive in Israel without their parents, sometimes as the forerunners of families who planned to follow in their wake, sometimes sent here by families who feared the ever-present dangers of assimilation and loss of Jewish identity.

2. As immigration increased, Youth Aliyah opened its doors to children of immigrants and created new programs to suit their requirements and accelerate their integration process in Israel.

3. Youth Aliyah expanded its integration program for youth from culturally deprived families.

During the current school year, Youth Aliyah began implementing a program for the integration of 4,600 wards that will augment the Youth Aliyah population by approximately 40%, and calls for the establishment of new centres. Simultaneously, Youth Aliyah has initiated a series of experiments in cognitive and affective

enrichment and the fostering of values. Currently, Youth Aliyah provides its 11,500 wards with educational facilities attuned to their abilities and emotional capacities. This educational program, carried out by means of 150 institutions, is complemented by youth groups on kibbuzim and youth day centres whose aim is to provide Israeli society with a valuable reservoir of educated and competent youngsters and to train skilled workers for the various branches of industry.

Head of Youth Aliyah:
Mr. Joseph Klarman
Director General:
Mr. Shraga Adiel
World Patron of Youth Aliyah:
The Baroness Alix de Rothschild

OFFICES:

Jerusalem:	
5, Shmuel Hanagid Street.	Tel.: 233241
Tel Aviv:	
62, Ibn-Gvirol Street.	Tel.: 264271
12, Kaplan Street.	Tel.: 258310
Haifa:	
22, Hechalutz Street.	Tel.: 67954
Beersheba:	
P. O. Box 147.	Tel.: 4226

THE DEPARTMENT FOR EDUCATION AND CULTURE IN THE DIASPORA (W.Z.O.)

In accordance with the Jerusalem programme, the Department aims at promoting Jewish education and fostering Jewish spritual and cultural values in the communities of the Diaspora.

Schools: The Department maintains contacts with about two thousand Jewish schools in the Diaspora and contributes to their development, expansion and solidarity with the people of Israel and with the State of Israel.

Teachers: The Chaim Greenberg Teachers Seminar trains every year some 150 Jewish educators from the Diaspora. 200 Israeli experts in education are active abroad on behalf of the Department. Special training courses for Jewish teachers are held annually in foreign countries as well as in Israel. The Department awards every year to three Jewish educators or educational institutions abroad the Shazar Prize for Educators.

Students: 1,500 to 2,000 Jewish college students come every year to Israel within the framework of teaching projects sponsored by the Department. These activities include courses for the duration of a whole year recognized by official institutions abroad as a regular school-year; seminaries for a six-months period; study tours lasting several months. The "Brotherhood Bridge" programme creates a direct contact between the students from abroad and Israeli youth.

Adult Education: The Department assists institutes of Israeli culture in the Diaspora, organizes seminars for cultural activities, maintains a center for cultural material and encourages the establishment of cultural centers in the Diaspora. It also organizes exhibitions, promotes the publication of audio-visual material on Israeli culture and sends lecturers, intellectuals and artists abroad.

Bible Studies: The Department helps the formation of Bible study groups among Jewish youth and adults all over the world and organizes every year the "Bible Quiz for Youth".

Teaching the Hebrew Language: Seminars in many countries, where 20,000 adults are taught the Hebrew language, receive from the Department instruction, man-power and material. The Department has initiated various projects for teaching the language by modern methods: tapes, radio and television programmes, pocket books, etc. It has also carried out a survey in universities all over the world on the lecturing of the Hebrew language and provides advice and assistance to interested persons, in coordination with other factors.

Publishing: School-books, study programmes, auxiliary material, songs, posters, plays.

Booklets: "Gesher", "Gesher Lanoar", "Gesher Lamishtalmim", "Huliot", "Mekorot", "Leket", "Omer".

Periodical for Literature and Arts: "Orot".

Supply Services: The Department distributes, in addition to the material it publishes, also other educational and cultural material, such as texts, slides, tapes, exhibitions, etc.

Head of the Department: Mr. **Chaim Finkelstein.** Department Director: Mr. **Michael Ravid.** Deputy Department Director: Mr. **Moshe Manor.**

Offices of the Department:

— in Jerusalem: King George St. 48, 45 and 31; Phone 39291.
— in New York: 515 Park Avenue, New York, N.Y. 10022; Director: Dr. Avraham Gans.
— in Gt. Britain: Rex House, 4/12 Regent St., London, S.W.1; Director: Mr. Levy Gartner.

In other countries the Department is represented in the offices of the World Zionist Organization.

TORAH EDUCATION AND CULTURE DEPARTMENT WORLD ZIONIST ORGANIZATION

Founded in 1952 by the World Zionist Organisation, the aim of this department is to promote Jewish education in the Diaspora, based on the values of traditional Judaism and Zion. Activities involve the fostering of existing Jewish educational institutions, sponsorship of new schools in outlying communities, the provision of qualified headmasters, teachers and inspectors from Israel on temporary contracts, the training in Israel and abroad of teaching personnel through permanent seminars and refresher courses, bringing to Israel Jewish school children for short periods of study, publication of textbooks and audio-visual aids for improving teaching techniques of Hebrew and Jewish religious subjects, conducting of correspondence courses in those subjects from Jerusalem in Hebrew, English, French and Spanish. A special establishment for training Diaspora girls to become teachers — Gold College — operates in Jerusalem and has provided approx. 1400 graduates, drawn from 24 countries. In addition special courses in Milah and Shehita have equipped persons to practice these vitally needed techniques in India, Greece, France, Brazil, Paraguay and Hong Kong.

A college for Torah and Jewish studies JTC was founded in 1969 by the Department in Jerusalem with the object of training spiritual leaders for the Diaspora. The Department sponsors a year of study at Zionist-oriented Hebrew-speaking Israeli yeshivot, supplementing them with courses in Jewish history & Palestinography and intensive tours of Israel. Altogether, 150 students participate yearly in these courses. About 600 Jewish schools in America, Europe, Asia and Africa from Auckland, New Zealand to Gondar, Ethiopia — catering to 300 thousand students — benefit from the services provided by the Department, some of them having been founded and developed as a direct result of the work of many of the 800 teaching emissaries dispatched to the Diaspora since the Department's inception. During the current year, 200 such emissaries are at work in 25 countries. The Department has published a library of textbooks, teachers' guides and other publicatnons 95 volumes in Hebrew, 40 in other languages including even a Jewish calendar in Amharic for Falasha Jews in Ethiopia) and issues a quarterly bulletin in English on current world activities. In addition tens of thousands of books printed in Israel, principally Judaica and school textbooks are dispatched on a non-profit basis to Rabbis, teachers and students abroad as the Department's special direct publisher-to-reader service. A world wide project of writing a **Sefer Torah** for the President of Israel, by Diaspora children, has been launched in Jerusalem. The Head of the Department is Mr. Moshe Krone; its Director General, Dr. Haim Chamiel.

The Head Office is located at 48, King George St., Jerusalem; Tel. 225271.

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THE WORLD ZIONIST ORGANIZATION AND INFORMATION DEPARTMENT

The Organization and Information Department of the World Zionist Organization is geared to promoting the work of Zionist Federations throughout the world and the information services which accompany this within organized Zionism and in Jewish public opinion.

About 900,000 members are affiliated with the World Zionist Organization in more than 40 countries. Permanent contact is maintained with Zionist Organization in these countries, and guidance and assistance is extended to them in their work. In order to prepare cadres for local leadership, the Department organizes seminars in Israel for Zionists from all over the world. Since 1968, 3475 people from 21 countries have participated in such seminars which were conducted in 11 languages.

Exhibitions, audio-visual material (including films, television, radio, slides, tapes and records) and publications, are among the media used by the Department. The Audio-Visual Unit co-operates with the Hebrew University's Intsitute for Contemporary Jewry in the Rad Film Archives. The Department's publications, in English, French, and Spanish, include the quarterly "Zionism in Action", "Confrontations", a series of books and pamphlets on Zionist ideological issues; and "Dispersion and Unity", a quarterly on Zionism and the Jewish world. The forthnightly English publication, "Israel Digest", now appears in an attractive new format. "'Folk un Zion" is the Department's monthly Yiddish publication. One of the Department's best-known publication is "Israel Today", a series of almost 40 booklets covering all aspects of Israeli life, of which some 4 million have been distributed throughout the world in the three main languages. Some titles in this series are now also appearing in Russian. "Actualidades" is a fortnightly bulletin in Spanish on events in Israel. A recent innovation is the Zionist Paperback Series, the first issues of which are "Who is Left? — Zionism Answers Back", and "The Voices of Jewish Emancipation".

The World Zionist Press Service covers Israeli and Zionist topics in English, French, Spanish, Yiddish and German. A new section of this service, which serves 250 Jewish newspapers in English, and many more in other languages, is called "The Yom Kippur War — Views and Reactions". A new series of eleven kits in Hebrew provides basic matrial on Jewish communities around the world. Additional written and audio-visual material is being prepared to cover the Yom Kippur War and its aftermath in Israel and the Diaspora.

THE ZIONIST INFORMATION CENTRE

★ **provides informational material in various languages on Zionism, Israel and the Jewish people.**

★ **provides bibliographical advice on the above subjects**

★ **runs a reading-room with books, pamphlets, and periodicals**

★ **disseminates the publications of the World Zionist Organization and the Jewish Agency all over the world**

Please write to the Zionist Information Centre, the W.Z.O. Organization and Information Departbent, postal address P.O.B. 92, Jerusalem, Israel; location: 52 King George St., Jerusalem, Israel. Telephone: 02-39884.

WORLD ZIONIST ORGANIZATION

THE DEPARTMENT FOR ZIONIST AND SOCIAL ACTIVITY AMONG THE SEPHARDI AND ORIENTAL COMMUNITIES

There are 2,5 million Sephardi Jews in the world.

About a million Sephardi Jews live today in Europe, Asia and the Americas. 1,5 million in Israel. The Department was established in 1972 to approach the Sephardim in the Diaspora; to advise the Zionist Executive on social and educational issues; to inform the Jewish public in Israel and abroad of the Zionist Organization's activities in absorption and in integration. The Department operates in close cooperation with the World Sephardi Federation and its branches, and with the various Departments of the Zionist Organization.

In its first year of operation the Department has helped to found World Sephardi Federation branches in Latin America, the U.S.A., Canada and Europe; to organize Zionist seminars in Israel for Sephardi youth and community leaders from the U.S.A., Canada, Latin America, Europe and Asia; to provide Israeli cultural activities for Sephardi communities throughout the world; and to help these communities to open schools for training community leaders. In Israel, the Department participates in a scholarship fund for students from Oriental communities, and in implementing programmes for youth in development areas and in low-income neighbourhoods. The Department is currently preparing a series of publications on the Sephardim in the world today, on the past and present struggles of Sephardim in their countries of origin, and on social and educational problems in Israel.

The head of the Department is Mr. **A. Narboni.** The Director General of the Department is Mr. **M. Mevorach.**

Offices:
Tel-Aviv, P.O.B. 7053. Tel. 258211. Cables: JEVAGENCY.
Jerusalem, P.O.B. 92. Tel. 39261. Cables: JEVAGENCY.

JEWISH AGENCY

COMPANIES BUREAU

The Jewish Agency Companies Bureau is entrusted with the supervising of some sixty companies in Israel, which are wholly or partially owned by the Jewish Agency. Many of these companies were formed through the Agency's initiative, and have been designed to create productive employment as well as to help in land, water and rural development with a view to facilitating immigrants absorption.

Amongst these companies might be cited the Jewish Colonial Trust, the Israel Land Development Company, Mekorot, Rassco, El Al, Amidar, Yakhin-Hakal, Diyur Laoleh, Yetsur Upituah, Idud, Mabat, Amigur.

The Bureau appoints Jewish Agency representatives to the directorial boards, formulates and reviews business policies, calls for regular reports on activities and finances, offers — when necessary — managerial guidance.

The Bureau functions under a Jewish Agency Executive Committee, chaired by Mr. A. L. Dulzin.

The professional staff is directed by Dr. S. Langnas, and Dr. Henry H. Sharon.

Head Office, 17 Kaplan St., Tel Aviv; Tel.: 258211.

EXTERNAL RELATIONS DEPARTMENT WORLD ZIONIST ORGANIZATION

The Department for External Relations, which was headed by Mr. **A. L. Pincus,** Chairman of the Zionist Executive, was founded in 1956 in the framework of the W.Z.O. and is the instrument which deals with non-governmental and non-Jewish bodies as follows:

a) Explaining Zionism and the functions and achievements of the Zionist Movement to the non-Jewish public;

b) Lending support and assistance to Associations and Societies which promote friendship and cultural ties between the Israel public and corresponding bodies abroad;

c) Establishing contacts with religious, academic and cultural personalities and agencies throughout the world by presenting to them Israel and its problems;

d) Facilitating seminars, study-tours, publications and lecture tours, directly or through Zionist and Jewish bodies in all countries.

Director of the Department is Mr. **Benjamin Jaffe** in Jerusalem.

Its offices are as follows:
Jerusalem — 11 Alhariz.i Street, 36967, P.O.B. 92, Jerusalem;

Tel Aviv — **Mr. Jean Cohen,** The Jewish Agency Building, 17, Kaplan St., Tel. 258211.
Abroad the Department is represented by the following offices:

London — **Dr. S. Levenberg,** Rex House, 4/12, Regent Street, London S.W.1; Tel. 930-5152.

Geneva — **Mr. George Flesch,** W.Z.O., 26 Route de Malagnou; Tel. 369750.

Paris — **Mr. A. Reiter,** W.Z.O., 17, Rue Fortuny, Paris 17e; Tel. WAG 40-13.

BRIT IVRIT OLAMIT

The World Hebrew Union ("Brit Ivrit Olamit") is a world movement of Hebrew speakers; the activity of this organization has been given a special status when the Israel Government, in their resolution of 29.3.1959, have resolved:

a) "To recognize Brit Ivrit Olamit as the Institution in charge with the proliferation of the Hebrew language among the Jewish communities all over the world";

b) "To give Brith Ivrit Olamit the Government's full assistance in this task, through the channel of the Ministry for Culture and Education and through the Ministry of Foreign Affairs."

The "Brith Ivrit Olamit" is headed by The past Pres. of the State of Israel, Mr. Zalman Shazar, as Honorary President; Dr. Israel Goldstein, President; Chairman of the Executive Committee, Prof. Arieh Tartakover; Secretary General, Mr. Simha Raz.

Head Office: Jerusalem, 18 Bezalel St.; P.O.B. 7111; Phone (02) 228608.

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THE KEREN HAYESOD UNITED ISRAEL APPEAL

RECORD SUMS RAISED IN YOM KIPPUR WAR EMERGENCY CAMPAIGN

The Keren Hayesod — United Israel Appeal, operating among 2.5 million Jews throughout the world (excluding the United States) raised more than $ 410,000,000 in the Yom Kippur War Eemergency Campaign, during the period between October 6, 1973 and Novembr 30, 1973. This sum is two and a half times greater than the amount raised after the Six Day War in 1967.

By November 30, 1973, close to $ 265,000,000 of the sum pledged had already been collected in cash, an unprecedented achievement.

Not only were record sums pledged and collected in the short period of seven weeks, but the number of contributors rose sharply, as well. The overwhelming majority of Jewish families in the countries served by the Keren Hayesod contributed to Israel during the Yom Kippur War Emergency Campaign.

THE WORLD'S LARGEST VOLUNTARY FUND RAISING EFFORT

As Israel celebrates its 25th Anniversary this year the Keren Hayesod United Israel Appeal marks its 52nd.

The Keren Hayesod is in effect the financial arm of the Jewish Agency, through which world Jewry shares the heavy financial burdens of the country in the field of immigrant absorption, education and social welfare. From the time of its inception at the London Zionist Conference on the 22nd July 1920, the Keren Hayesod became the sole instrument for financing the settlement of Jews in Palestine, and providing for the economic development of the National Home.

In the three decades before Israel's rebirth as a modern state, the Keren Hayesod campaigns which were conducted in over 40 countries — together with the United Jewish Appeal in the United States — helped to build the very foundations upon which Israel now exists.

Since 1948, the partnership between Israel and the Keren Hayesod has grown to unprecedented proportions. The tremendous influx of immigrants immediately following the War of Independence in 1948 put enormous pressure on the fledgling Israeli state to provide housing, education, and social and health services. These and other needs of Israel were met in large part by the Keren Hayesod in 54 countries and by the UJA campaigns in the U.S.A., which raised a total of over two billion dollars between 1948 and 1972.

As the over-burdened, highly-taxed Israeli citizenry must bear the burden of tremendous defence expenditures, it turns to world Jewry via the Keren Hayesod (operating in 59 countries) to mobilize the Jewish people to fulfill their obligations in this partnership with Israel.

Details of the Keren Hayesod's accomplishments during the past half century, with particular emphasis on the great leap forward since the Six Day War, are contained on the following pages.

A CAPSULE SUMMARY 1920 – 1972

	1920-1948 28 years working towards Israel	1948–1972 : 23 years working for Israel
Immigration and Absorption	487,000 immigrants, including 28,700 children brought to Palestine by Youth Aliyah, were settled and absorbed in the country.	1,500,000 immigrants, including 100,000 children brought to Israel by Youth Aliyah, became citizens of the State.
Agricultural Settlement. New Towns and Housing	257 agricultural settlements were established with a population of 90,000 working some 700,000 dunams of land.	535 new agricultural settlements and 27 new towns built; 350,000 new housing units provided permanent homes for over a million new immigrants.
Total Funds raised	$ 143,000,000 — 70% from the United States through United Jewish Appeal — 30% from othe countries through Keren Hayesod.	$ 2,228,000,000 — 65% from the United States through the United Jewish Appeal. — 35% from 69 other countries through Keren Hayesod

EXPENDITURE OF THE JEWISH AGENCY AND THE WORLD ZIONIST ORGANISATION 1948—1972

(In Millions of Dollars)

Immigration, Absorption and Housing	950.5
Welfare, Education and Health	237.8
Youth Aliyah	158.9
Agricultural Settlement	939.9
Grants for Higher Education	212.9
Education Fund	26.0
Education and Culture, Organisation and Information Activities	238.9
Administration and Services	78.9
Payment of Debts	235.0
Others	7.4
	3,086.2

Grand Total of Funds Raised	1920-1948	$ 143,000,000
	1948-1972	$ 2,228,000,000
		$ 2,371,000,000

The difference between the income of the Keren Hayesod and the expenditure of the Jewish Agency is covered by income from "Reparations" Funds, special income of the Youth Aliya, participation of the Government in the settlement budget, collections on account of the repayment of loans granted from Keren Hayesod funds, the realization of property, etc.

Members of the Directorate: Mr. Ezra Z. Shapiro, Chairman; A.L. Dulzin; H. Finkelstein; Rabbi M. Kirshblum; J. Klarman; A. Narboni; A. Shenkar; S. J. Kreutner, Director General and Treasurer.

Members of the Head Office Management: S.J. Kreutner, Director General and Treasurer; A. Abrahamson, Assistant to the Director General; Z. Blumstein, Director, Information Department; S. Dror, Director, South American Department; Y. Eshel, Director of Guest-Section; Z. Etzioni, Deputy Director, Fund-raising Division; Mrs. Z. Herne, Chief Assistant in Fundraising Division; A. Levine, Director, Tel-Aviv Office; Z. Raviv, Director, Young Leadership Section; Rabbi Ch. Rivkin, Director, Department of English-speaking Countries; Mrs. H. Rosen, Secretary to the Directorate; M. Schwartz, Director, Finance Department; S. Seruya, Director, Section for Asia, Africa and Far East; D. Shalit, Chief Assistant Fundraising Division; I. Shany, Director, Department for Europe "A"; Y. Shaviv, Director, Department for Projects, Legacies and Bequests; Personnel and Property Department; E. Tenne, Director, Department for Europe "B"; Ch. Vered, Director, Section for Central America.

OVER 50 YEARS OF ORGANIZED FUND RAISING FOR ISRAEL

The Jubilee of the Keren Hayesod, United Israel Appeal, which took place in July 1970, gave the Jews the world over the opportunity of marking the accomplishments of 50 years of organized world-wide fund raising for Israel. When the Keren Hayesod was founded in London, Chaim Weizmann and his colleagues declared: "The moment has arrived for the concentration of Jewish effort on the upbuilding of the Jewish National Home." The Jubilee of the Keren Hayesod manifested for all the world the unprecedented achievements which that "moment" set in motion a short half-century ago. Rarely in Jewish history were all Jews, irrespective of political, religious, national or other affiliations, as united as they were then, or since then, in their world-wide efforts on behalf of the Keren Hayesod, United Israel Appeal. Non-Zionists were united with their Zionist brethren, not only in the provision of the resources but also in the conduct of the work.

The Keren Hayesod, which was founded in 1920 by the Zionist Conference of London and which was part of the World Zionist Organization, became the principal financial instrument of the Jewish Agency as soon as this body was founded in 1929, with an equal representation of Zionists and non-Zionists.

Thus the Keren Hayesod became responsible for virtually all expenditures connected with the upbuilding of the Jewish National Home in Palestine. It was the Keren Hayesod which provided the costs for immigration, land-settlement, roads, water pipelines, industry, schools, social and medical services, ports, air and shipping lines — in fact, all the essentials for the upbuilding of the Land and eventual creation of the State.

In the pre-State period — 1920-1948 — some 487,000 immigrants, including 28,700 Youth Aliyah children, were brought to Palestine. In the same period, Keren Hayesod established 257 agricultural settlements with a population of 90,000 working some 700,000 dunams of land.

To cover the expenditures, a total of $ 143 million was raised — 70% from the United States through the United Jewish Appeal; 30% from other countries where Keren Hayesod operates. Impressive as these facts and figures appear, it should not be ignored that more, much more, could have been achieved, great calamities avoided and millions of Jews saved if Jews the world over would have concentrated more in aiding the Keren Hayesod. No survey of its role in the past 50 years would be complete without mentioning the words of despair of the founder and leader of the Keren Hayesod, Chaim Weizmann, during the dark days preceding World War II: "Jewish people, where are thou ?"

In the twenty-four years since Israel's independence — 1948—1972 — 1,500,000 immigrants, including 100,000 Youth Aliyah children, were brought to Israel. Keren Hayesod helped establish 535 new settlements and 27 new towns. In addition, some 350,000 housing units provided permanent homes for new immigrants through Keren Hayesod efforts.

An unprecedented $ 2,228,000,000 was raised — 65% from UJA in the United States; 35% from the rest of World Jewry.

WORLD JEWISH CONGRESS — ISRAEL EXECUTIVE

Founded in 1936, the World Jewish Congress is an independent, non-governmental organization, with consultative status at the United Nations, and affiliated communities or representative organizations in more than 60 countries. The Israel Executive of the World Jewish Congress is one of the four branches of the World Executive, the other three being those of North America, South America and Europe.
The Israel Executive is composed of representatives of most political parties represented in the Knesset, and it carries out activities in political, cultural and organizational fields. It also maintains a close relationship with governmental and other public institutions, in order to coordinate activities, and endeavours to develop a Diaspora consciousness among the Israeli population.

Dr. Nahum Goldmann is President of the World Jewish Congress; Dr. Israel Goldstein and the Marchioness of Reading are Honorary Vice-Presidents.

Mr. **Itzhak Korn M.K.** is Chairman of the Israeli branch. **Dr. Gerhart M. Riegner,** of Geneva, is General Secretary of the W.J.C.; **Dr. Natan Lerner** is Director of the Israeli branch. Main Israeli Office: Tel-Aviv, 123 Yehuda Halevi St., Tel. 229139, 229246.

UNITED JEWISH APPEAL ISRAEL OFFICE

UJA, in its 34 year history, has rescued and rehabilitated more than 3,000,000 men, women and children — victims of war and acts of persecution in many parts of the world. This unprecedented humanitarian achievement was accomplished through voluntary contributions of $2 billion 7 million from 1939 through 1972 in 900 communities.

Through 223 federations and welfare funds and 872 independent and combined campaigns, and under the leadership of General Chairman **Paul Zuckerman** of Detroit, UJA supports the programs of the Joint Distribution Committee, Hias, Nyana, and the United Israel Appeal.

The Joint Distribution Committee is the major American agency aiding needy Jews overseas. It provides a broad range of health, welfare, cultural and religious services for more than 300,000 Jews in more than 25 countries around the world. It functions in three major areas: Europe, the Arab and Moslem countries of North Africa, and the Middle East, including Israel. In Israel, JDC/Malben provides a broad spectrum of health and rehabilitation programs for children, aged and handicapped immigrants.
United Hias Service, the worldwide Jewish migration agency, assists Jewish refugees and migrants to resettle in the United States, Canada, Latin America, Western Europe and Australia.

The New York Association for New Americans was organised in 1949 as the Special Resettlement and Rehabilitation Agency for Jewish Newcomers in the Greater New York Area.

The United Israel Appeal is the major beneficiary of funds raised by the United Jewish Appeal and the Israel Emergency Fund. As such, it evaluates projects and programs carried out by the Jewish Agency, its agent in Israel, and determines the appropriate use of UJA funds for the support of the Agency's work with immigrants, their integration into Israel's life, their health, housing, education and job training.
In addition, funds are provided for scholarships, higher education, agricultural settlements and youth services.
UJA functions through an Executive Com-

mittee and a National Campaign Cabinet of key leaders who mobilize maximum support in 3,200 Jewish communities in 50 states, Puerto Rico and the Virgin Islands. Within the UJA structure are the following groups:

The Womens Division functions through a National Board and raises 12 percent of the total campaign each year.

The Young Leadership Cabinet, founded in 1963, gives guidance and direction to men from 25-40 to assume positions of leadership on a local and national level through missions to Israel, seminars, retreats, and national and regional conferences.

The Student Coordinating Committee for the Israel Emergency Fund, founded in 1969, now functions on 130 campuses to provide education and training and serve as a fund-raising vehicle for Jewish college students.

The Rabbinical Advisory Council was organized in 1961 by leading rabbis in all major groups to act as a bridge between UJA and the one million members of congregations throughout the country. The Council strives to reinforce the relationship between the value system taught in the synagogues and the philanthropic efforts of their members in support of human needs in Israel.

The National Labour Council was established in 1953 to mobilize, co-ordinate and direct efforts of about 675 Labor Zionist groups in 50 cities on behalf of UJA.

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President:
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National Chairmen Representing Agencies:
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Jack D. Weiler, JDC
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Israel Education Fund President:
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DEAR VISITOR...

The Keren Kayemeth Leisrael (Jewish National Fund) welcomes you to Israel and cordially invites you to use its services so as to make your visit here even more beautiful and rich in experience.

PLANT A TREE WITH YOUR OWN HANDS

in one of our Planting Centers for Tourists:

MOUNT BIRYA
near Safad, with a splendid panoramic view of Upper Galilee

MODI'IN
near the Tombs of the Maccabees

YAD KENNEDY
at the John F. Kennedy Memorial near Jerusalem

KABRI
in Western Galilee, near Nahariya

SANHEDRIA FOREST
at the outskirts of the Capital

MARTYRS FOREST
in the Judean hills, dedicated to the sacred memory of six million Jews, victims of the holocaust

BALFOUR FOREST
on the road to Nazareth overlooking the Valley of Jezreel

JERUSALEM PEACE FOREST
overlooking the Old and New City

NEVEH ABRAHAM
on the highway to Beersheba, at the gateway to the Negev desert

The cost of planting a sapling, including a Planting Certificate bearing your name and your Planter's Badge, is $ 3.00 or IL. 12.50. All Centers are open from 8 a.m. till 3 p.m. daily.

Free tours for planters to the Hills of Judea leave every Monday and Wednesday from Jerusalem and every Tuesday from Tel-Aviv.

For details and registration, kindly turn to our Head Office, **JERUSALEM,** King George and Keren Kayemeth Streets (Tel. 35261), or to our Visitors Department in **TEL-AVIV,** 96 Hayarkon Street (opp. Dan Hotel; Tel. 234449).

KEREN KAYEMETH LEISRAEL

(JEWISH NATIONAL FUND)

KEREN KAYEMETH LEISRAEL — THE JEWISH NATIONAL FUND

The Keren Kayemeth Leisrael is the national land fund of the Jewish people. Established by the World Zionist Movement in 1901 as the first instrument for the practical implementation of the idea of Jewish renaissance, the Keren Kayemeth, prior to the establishment of the State, concentrated chiefly on acquiring land in Eretz-Israel as the inalienable property of the Jewish people for agricultural settlements, urban and sub-urban housing projects, etc.

The other task of the Keren Kayemeth — the conquest of the desert and its transformation into cultivated soil — became particularly vital for the development of the country after the State of Israel had come into being in 1948.

A "Land Covenant" was signed between the Government of Israel and the K.K.L. in 1961, vesting the Fund with the exclusive responsibility for land development in Israel. This task, performed by the Fund's Land Development Administration, comprises land reclamation, drainage, afforestation and the opening of new border areas for settlement on all public lands.

In the course of its manifold activities, which have resulted in a gradual yet steady change in Israel's hitherto barren landscape, the Keren Kayemeth has provided land for the building of 650 agricultural settlements and for the housing of well over 600,000 people in urban and semi-urban areas, reclaimed over 850,000 dunams, planted over 120 million trees, built 2,600 kms. of mountain roads into formerly inaccessible border regions, and drained the large, malaria-infested swamp area in the Hula Valley. In recent years, the Fund has been concentrating particularly on the establishment of settlements along the borders. In recent years, the emphasis in the Fund's activities has shifted to development activities reflecting both the needs and the conditions of the new security situation as well as the improvement of the ecological conditions of the country.

Donations from Jews all over the world, solicited by K.K.L. (J.N.F.) National Committees in 49 countries on all five continents, provide the financial means for the Fund's operations.

Board of Directors: Chairman: Jacob Tsur; Members: Roberto Aron, Reuben Arzi, Shimon Benshemesh, Dr. Jacobo Damm, Matitiahu Droblas, Israel Dunsky, Reuben Eiland, Dr. Israel Goldstein, Shlomo Haimovitz, Abraham Kenaani, Edwin O. Kirson, Louis E. Levinthal, Akiva Lewinsky, Mrs. Fay Schenk, Bunim Shamir, Itzhak Shapira, Shabtai Shichman, Zeev Tsour, Moshe Unna, Shmuel Ussishkin, Aharon Uzan, Rabbi Zemach Zambrowsky, Itzchak Ziv-Av.

Executive Committee: Director General: Shimon Benshemesh; Director of the Land Development Authority: Meir Shamir; Members of the Executive: Dr. Meir Gordon, Theodore Hatalgui, Dr. Shlomo Lowy, Arieh L. Mohilever, Eliezer Reshef.

Members of Management of the Land Development Authority: Israel Avidor, Sharon Weitz.

Head Office: Jerusalem, King George and Keren Kayemeth Streets, P.O.B. 283, Tel.: 35261. Tel-Aviv branch (Tourist and Information Department): 96 Hayarkon Street, Telephone: 234449.

tour vealeh תור ועלה

SETTLEMENT BUREAU

"Tour Ve'Aleh" (translate : Tour and Settle) is an integral part of the World Zionist Organization's Immigration and Absorption Department and is commissioned with the important assignment of promoting Aliyah and assisting potential Settlers in their endeavours to explore and investigate diverse possibilities of settling in Israel.

This task is fulfilled by the five centrally coordinated divisions of "Tour Ve'Aleh" under the following organisational structure — (1) Tourist Service, (2) Pilot Tours, (3) Finance, (4) Individual Business Sector, (5) Project Planning.

"The Tourist Service Division" establishes close contact with many of the thousands of tourists who visit Israel each year and wish to investigate their potential prospects of settling in the country. Furthermore, this office deals with organising groups of likely settlers who come to ascertain at first hand, their prospects in the country. During this tour they are assisted in implementing their plans for future absorption in Israel.

To this end, the Tourist Division also maintains close contact with all elements dealing with tourism both here and abroad, thus effecting its aim, to gain access to the maximum number of Jewish people visiting the homeland.

"The Pilot Tours Division" handles exclusively "Tour Ve'Aleh" organised Tours, for Groups and individuals, who have expressly declared their intention of exploring their opportunities in Israel through the various representatives and offices of the Jewish Agency throughout the world. This division plans in detail the itinerary of each visit and coordinates professional, business and social consultations with appropriate contacts in their respective fields.

"The Financial Services Division" concentrates on its objective of interesting the would be settler in the many and varied financial possibilities which exist in Israel. Among which, are practical and proved Schemes, such as General Savings — Insurance and Housing Saving which can be activated prior to settlement.

This office encourages the transfer of capital by Jewish people who aim to make their home in Israel. In addition to its specialised Services, it also maintains important connections with all the major Israeli Banking Institutions which have overseas branches.

"The Individual Business Division" collates in its files hundreds of business propositions which are available in Israel; subjects each one to careful scrutiny and submits its detailed findings in survey form to the special overseas envoys of the Jewish Agency's Immigration and Absorption Department. This office provides economic councelling to the potential immigrants and assists them in making essential contacts with suitable business projects; helps in their establishment; finds when necessary an appropriate Israeli partner and in general guides the potential investors and business men.

"Tour Ve'Aleh" does not have any direct involvement in the contracts between the likely settler and the Israeli subject. It does however maintain close collaboration with the Government Investment Authority, the Ministry of Absorption and other Ministries and Public and Private economic concerns dealing with any particular case.

"The Project Planning Division" specialises in economic projects for Jewish groups interested in settling in Israel either collectively or individually and whose aim is to establish industrial or business enterprises, on a geographical or professional basis. This division is equipped with the essential professional know-how, able to initiate, plan and survey any economic project for potential immigrants. Its team of economic, legal and engineering experts possess a wide range of information regarding the economic situation in Israel. They speak the language of the newcomers and are ready and able to assist them, without charge, in the implementation of their plans in Israel. These experts are constanly analysing the currently prevailing economic conditions in the country and adapt this acquired knowledge and invaluable information to serve

the needs of every potential settler.

"Tour Ve'Aleh" is equipped to further immigration to Israel and to act as guide and guardian to Jewish newcomers from all over the world, especially during their first initial steps in their Homeland.

The executive personnel of the "Tour Ve'-aleh" Management are the following:

Director Mr. G. Tur-ner; Deputy Director: M. Haimon; Tourist Services Divisions, Pilot Tours Division: M. Avidan; Project Planning Division Mr. Cohen; Financial Services Division L. Yana; Indiivdual Business Projects Division M. Kramer.

"Tour Ve'Aleh" has three branches: Tel-Aviv, 68 Ibn Gevirol; Haifa, 135 Sderot Hanassi; Jerusalem, 7 Hillel St.

It has overseas envoys in U.S.A., Canada, South America and Europe who carry out the functions of "Tour Ve'Aleh" by promotion and encouragement of Immigration to Israel.

Head Office: 70 Ibn Gevirol, Tel-Aviv; tel. 268146-7.

UNITED HIAS SERVICE ISRAEL

United Hias Service combines the services of Hias (Hebrew Sheltering and Immigrant Aid Society), USNA (United Services for new Americans) and AJDC Migration Services.

The World Headquarters of United Hias Service is located at 200 Park Avenue South, New York, with branch offices throughout the world.

Activities of United Hias Service Israel, include:

Tracing relatives all over the world; granting loans to new immigrants through a joint fund established by United Hias Service, the Gmiluth Hassadim and the Foundation Fund of the Jewish Agency assistance to new immigrants and assistance to transmigrants.

The World President of the United Hias Service is Mr. Carl Glick; Executive Vice President, Mr. Gaynor I. Jacobson; Chairman in Israel of United Hias Service is Mr. Mordechai Surkis, M.K., and Director, Mr. Haim Halachmi.

The Head Office of United Hias Service, Israel, is located at Kaplan 12, Tel-Aviv, POB. 2758; Tel. 258461.

"HECHAL SHLOMO" – THE SEAT OF THE CHIEF RABBINATE OF ISRAEL THE RELIGIOUS CENTRE, JERUSALEM

"Hechal Shlomo", which is the World Religious Centre in Jerusalem, is the seat of the Chief Rabbinate of Israel.

Apart from the offices of the Chief Rabbinate, Hechal Shlomo houses also:

★ The Central Rabbinical Library;

★ Museum for Religious Articles;

★ Rabbinical Research Centres;

★ Central Religious Information Department;

★ Central Convocational Hall;

★ Central Religious Archives, etc.

★ Exhibitions, etc.

★ The Jerusalem Great Synagogue.

Adjoining Hechal Shlomo is being built the Jerusalem Great Synagogue which, it is hoped, will be the most beautiful Synagogue in the world. Jewish Communities & individuals throughout the World are participating financially in its contsruction.

In addition, the beautiful imposing edifice, a landmark in Jerusalem accommodates a picturesque Synagogue, numerous offices, study and consultation rooms, meeting rooms, a Souvenir center, altogether 50 organisations and chapters have their offices in Hechal Shlomo. Jerusalem, P.O.B. 7440; Tel. 35212.

WIZO – WOMEN'S INTERNATIONAL ZIONIST ORGANISATION

WHO ? 250,000 Jewish women throughout the world organised into WIZO Federations and Branches in 50 countries; 90,000 Israel women, from city and village, town and border settlement, in 184 branches from Metulla to Eilat.

WHY ? To serve women and children; to integrate new immigrants into the fabric of Israel life; to train youth for a productive future; to educate the women of Israel to constructive citizenship; to maintain the bond between Jewish women the world over and the State of Israel.

HOW ? Through WIZO's 550 institutions and services among which are baby homes, 91 day creches, toddlers' homes and kindergartens, 51 youth clubs, 80 summer camps, 12 agricultural and vocational schools, 156 women's training centres and clubs, 8 for Arab women, courses in vocational training, instruction in home economics and home industries, employment guidance and legal advisory bureaux, rest homes for mothers, hostels for students and immigrants, Mobile Libraries visiting 55 towns and villages, WIZO Shops and Tourist Clubs.

Publications and informative material in five languages bring WIZO and Israel to Jewish women all over the world.

Hon. Life President : **Rosa Ginossar**
World President : **Raya Jaglom**
Chairman of the Executive: **Aya Dinstein**

Officers :

Dr. Genia Kanowitz, Vice-Chairman, Personnel Dept.; Miriam Ben-Porath, Treasurer, Chairman, Finance Committee; Shula Braudo, Chairman, Israel WIZO Federation; Tonie Hauser-Zeissler, Fundraising Dept.
Heads of Departments:

Beitely Leah, Buildings Dept.; Ben-Ami Ilana; Bergmann Chani, Representative of World Wizo Executive in Jerusalem; Devor Mildred, Liaison of Canadian Hadassah-Wizo with "Hadassim"; Gelber Dr. Hanna, Child Welfare Dept.; Gerstner Rachel; Hillel Shulamit, Agricultural Schools, Hadassim and Vocational Schools; Izakson Ruth, Education Dept.; Kadisch Devorah, Publicity Dept.; Katz Ray, Wizo Shops; Keren Aliza, Youth Clubs Dept.; Klopstock Dr. Ruth, Deputy, Child Welfare Dept.; Limon Rachel, Organisation Dept.; Mazur Irena, Children's Institutions, Youth Clubs, Tel Aviv; Meroz Vicky, Public Relations, Jerusalem; Schechterman Judith, Public Relations, Tel Aviv; Tekoah Ruth; Valero Victoria, Tourist Dept.; Dolly Piper, General Secretary.

Head Office : 38, Sderot David Hamelekh, P.O.B. 33159, Tel Aviv. Tel. 257321/9.

The editorial board of

WHO'S WHO IN ISRAEL

(including Jewish notables engaged in pro-Israeli activity all over the world)

is interested in biographical sketches of people working for Zionism and for the Israeli cause, everywhere !

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THE HEBREW UNIVERSITY OF JERUSALEM

FOUNDED: 1918
INAUGURATED: 1925

The University opened the 1972/73 academic year with an enrollment of 18,000 students. In the School for Overseas Students, approximately 2,000 are enrolled and in the Centre For Pre-Academic Studies more than 1,000 students are enrolled.

By the Summer of 1973 The Hebrew University of Jerusalem had awarded a total of 30,011 Degrees: 1,737 Ph.Ds, 1,434 M.Ds, 217 D.M.Ds (Dentistry), 29 Dr. Jurs., 7,800 Masters' and 18,794 Bachelors.

The Officers of the Hebrew University of Jerusalem for the academic year 1973/74: President: Mr. Avraham Harman; Vice-Presidents: Prof. E. D. Bergmann, Mr. Bernard Cherrick, Prof. A. Keynan; Rector: Prof. Michael Rabin; Pro?Rector: Prof. Jacob Katz; Dir. Gen.: Mr. J. Harpaz; Acad. Secretary: Mr. S. Birnbaum. The Deans of Faculties: Humanities: Prof. David Asheri; Social Sciences: Prof. S. Kugelmass; Science: Prof. Azriel Levy; Medicine: Prof. A. Beller; Dental Medicine: Prof. Mario Ulmansky; Law: Prof. S. Feller; Agriculture, Levi Eshkol School of Agriculture: Prof. Y. Mundlak.

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CAMPUSES:
MOUNT SCOPUS — Tel. 288201.
Faculty of Law; First Year Science Studies; Institute of Archaeology; School for Overseas Students; Authority for Research and Development — Tel. 285211.
GIVAT RAM — Tel. 3-0211.
Faculty of Humanities, Faculty of Social Sciences, Faculty of Science, The Jewish National and University Library, Graduate Library School, School of Education, Paul Baerwald School of Social Work, Graduate School of Applied Science and Technology, Israel Science Teaching Centre, Magnes Press.
EIN KAREM — Faculty of Medicine — Tel. 3-8411 — Faculty of Dental Medicine — Tel. 3-8211.
REHOVOT — Tel. 03-952625.
Faculty of Agriculture — Levi Eshkol School of Agriculture; School of Nutritional and Domestic Sciences.

THE WEIZMANN INSTITUTE OF SCIENCE REHOVOT

The Weizmann Instituute of Science, devoted to research and to teaching in the natural sciences, developed out of the small Daniel Sieff Research Institute, founded in Rehovot in 1934 by Dr. Chaim Weizmann, the famous scientist and Zionist leader who became the first President of the State of Israel and first President of the Weizmann Institute.
Over the years, the Institute has earned the esteem of the international scientific community for its fundamental contributions to physics, chemistry, mathematics and the life sciences. Its program of activities includes cancer research, immunology, genetics, organic and physical chemistry (including isotope research), nuclear and elementary particle physics (both experimental and theoretical), solid state and chemical physics, electronics, seismology, applied and pure mathematics, design and construction of computers, biophysics, biochemistry, polymer and plastic research, desalination and hydrology.
Research is carried out in 18 departments grouped into five Faculties, each headed by a Dean, as is the Feinberg Graduate School. The Faculties are: Biology, Biophysics-Biochemistry, Chemistry, Mathematics and Physics. In addition there is a Department of Science Teaching concerned with development of materials and methods for teaching modern science to high-school students.
Mission-Oriented Research
The achievements of Weizmann Institute scientists in fundamental research, which

have brought the Institute the eminence and esteem it now enjoys in the international scientific community, will continue to receive major emphasis in the future as it has in the past.

At the same time, from its very inception and increasingly up to the present day, Weizmann Institute scientists have also been involved in research with a direct bearing on problems of special importance to Israel and to people throughout the world. The Institute is now planning to do even more than it has done in this sphere — to work on projects designed to accelerate the development of existing industry in Israel, and to contribute to the establishment of new industries which would utilize the country's most important natural resource, its brainpower.

Facilities and Staff

Important auxiliary facilities on campus include the Weizmann Institute Animal Breeding Center, and the network of Institute libraries, headed by the Edith and Abraham Wix Central Library, which contain some 95,000 books and subscribe to 1,750 periodicals.

The present scientific complement of the Weizmann Institute consists of 1500 people — scientists, engineers and technicians, as well as the 600 scientists-in-training at the Feinberg Graduate School. Serving all these is an administrative and service staff of 600. Thus the total working population at the Institute in 1973 is some 2100.

Governing and Administrative Bodies

An International Board of Governors and its Executive Council have the responsibility for the broad general policies and for raising the funds, without which the Institute could not exist. The administration of the Institute is the responsibility of the President (the Chief Executive Officer) who is aided by a Vice President and a Director for Finance and Non-academic Administration.

The President is also aided by a Council of Deans, consisting of the Deans of the five faculties, the Dean of the Graduate School, and the Chairman of the Faculty Scientific Council, which has many of the functions of a University Senate.

Associated Organizations

The Yeda Research and Development Company, or the Yeda Trust, is an affiliate of the Weizmann Institute which deals with research contracts with commercial enterprises. More recently, a separate corporation (SIDCO — Science-based Industries Development Co.) has been set up to facilitate the establishment of science-based industries in an industrial park "over the fence" of the Weizmann Institute. Thirteen such companies are already at work in such fields as scientific instrumentation, electro-optics, research chemicals, membrane development, medical electronics, scientific teaching aids, polymer chemistry and electronics.

Yad Chaim Weizmann

The area of Yad Chaim Weizmann, established in honor of Dr. Chaim Weizmann, comprises the Weizmann House and the President's grave, the Weizmann Archives, the Weizmann Institute and the adjoining Agricultural Research Station.

The Weizmann Archives (located in the Wix Central Library) house Dr. Weizmann's letters and papers, of which four volumes have already been published in English and Hebrew, while other volumes are in preparation. The Archives also contain a permanent exhibition dedicated to highlights of Dr. Weizmann's life and career.

List of Officers

Chairman, Board of Governors: Mr. Abraham Feinberg, New York; Deputy Chairmen, Board of Governors: The Hon. Sir Marcus J. Sieff, O.B.E., London; Mr. Stephen L. Stulman, New York; Chairman, Executive Council: Dr. Zvi Dinstein, Jerusalem; Acting President; Prof. Israel Dostrovsky, Rehovot; Chancellor: Mr. Meyer W. Weisgal, Rehovot and New York; Director, Finance and Administration: Mr. Gershon Dror, Rehovot; Chairman, Scientific Council: Prof. Nathan Sharon; Dean, Feinberg Graduate School: Prof. Haim Harari; Dean, Faculty of Biology: Prof. Michael Sela; Dean, Faculty of Biophysics and Biochemistry: Prof. Mordhay Avron; Dean, Faculty of Chemistry: Prof. Shneior Lifson; Dean, Faculty of Mathematics: Prof. Samuel Karlin; Dean, Faculty of Physics: Prof. Igal Talmi.

SETTLEMENT STUDY CENTRE – REHOVOT

Founded in 1961, the Settlement Study Centre is sponsored by the Settlement Department of the Jewish Agency, Ministries of Housing, Labour, Interior and Agriculture, the Department of International Cooperation of the Ministry for Foreign Affairs and the Economic Planning Authority. It was established to serve a dual purpose:

(a) **Research.** The principal objective of the Centre is to conduct interdisciplinary studies of problems pertaining to development planning. These studies are designed to help in solving actual problems and to contribute towards the establishment of general basic principles for development planning. To achieve these goals an interdisciplinary research

team was recruited consisting of scholars coming from the different professions.

The Centre's research projects cover a large range of subjects :

1. Absorption of the younger generation and the integration of generations in the kibbutz ;
2. Strengthening absorption in development towns and their rural hinterland;
3. Social contacts, attitudes and aspirations in the framework of urban/rural relationships;
4. Urban/rural relations in Israel;
5. Impact of communication on socio-cultural urbanization;
6. Modernization of traditional agricultural villages;
7. Industrialization in the rural areas;
8. Analysis of public and civic service systems of rural regions in Israel;
9. Take-off point of a developing town in Israel;
10. Regional planning and development in Lakhish;
11. Local government in Israel;
12. Transitions in the Moshav cooperative settlement;
13. Factors for change in the traditional agriculture of the Arab farmer.

(b) **Training.** To act as a training centre in Comprehensive Regional Development Planning. Annual courses for students from developing countries are constantly on the programme.

In accordance with the agreement between the United Nations and the Government of Israel, a one year post-graduate course on Comprehensive Regional Development Planning is being held at the Centre, designed to train team leaders for Regional Development Projects. The studies include theoretical subjects and practical work, and students are recruited from developing countries & Israel. **Research work,** done by the Centre, is published in a series of monographs in Hebrew and English.

Rehovot, P.O.B. 555; Tel. 951-787.

THE TEL-AVIV UNIVERSITY

Tel Aviv University traces its foundation back to 1953, when the Tel Aviv Municipality took an existing Life Sciences College under its wing. A College for Jewish Studies was added in 1954, and from then until 1963 the University grew very slowly. In the latter year it achieved academic and administrative autonomy, elected its own governemnt bodies and proceeded to create a campus of its own at Ramat Aviv. The campus now has 33 completed buildings with more under construction or in the planning stage, including a Technological and Engineering Sciences Center. An Industrial Park for Science-based industries is also in the building in neighbouring Tel Baruch.

From its modest beginnings, Tel Aviv University has become an important center of learning and research, and the country's fastest-growing institution of higher learning.

Student enrollment in the 1972/73 academic year totalled 15,000. The academic staff numbers about 2,300.

Research carried out at the University includes work in physics and astronomy, chemistry, biochemistry, applied mathematics, microbiology, botany, zoology, space and planetary sciences, environmental sciences and medicine, as well as work in the humanities & social sciences.

In planning its development the University's main concern was to establish academic institutions essential to the development of the country as well as the conventional facilities of an institution of higher learning, such as the Graduate School for Business Administration.

Tel Aviv University is administered by a Board of Governors with a distinguished international membership. The academic authorities are the Senate and the Faculty Councils.

Faculties, Schools & Departments :

Humanities, Exact Sciences, Life Sciences, Social Sciences, Medicine, Law, Arts, Engineering, Graduate School of Jewish Studies, Graduate School of History, School of Continuing Medicine, Graduate School of Business Administration, Samuel Rubin School of Music, School of Social Work, Department of Edu-

cation, School of Nursing, Technical College.

University Authorities :

Chancellor: Dr. George S. Wise;
President: Prof. Dr. Yuval Ne'eman;
Chairman, Executive Board and University Council: Yehoshua Rabinowitz;
Chairman, Board of Governors: Victor Carter ;
Rector: Prof. Shlomo Simonsohn;
Vice-President: Gen. (res.) A. Doron;
Deputy President dealing with Science-based Industries: Prof. Avraham Hermoni;
Vice-Rector: Prof. Saul S. Abarbanel;
Director-General: Brig. Gen. (res.) Yitzhak Bar-On.

Deans of Faculties:

Social Sciences: Prof. Eytan Berglas;
Engineering: Prof. Maurice A. Brull;
Humanities: Prof. Daniel Carpi;
Medicine: Prof. Arieh Szeinberg;
School of Business Administration: Prof. Ze'ev Hirsch;
Arts: Prof. Moshe Lazar;
Law: Prof. Amnon Rubinstein;
Life Sciences: Prof. Avivi Yavin;
School of Social Work: Dr. Simon Spiro;
Students' Dean: Dr. David Libai.
Ramat-Aviv, Tel. 416111.

TECHNION -ISRAEL INSTITUTE OF TECHNOLOGY

Technion is the leading university in Israel offering undergraduate and graduate training in engineering and architecture, as well as a full program in the sciences. Enrollment in 1973/74 totalled 6,100 undergraduate students and 3,000 graduate students.

Israel's oldest university, the Technion was founded in 1912, and one year later its first building in the Hadar in Haifa was completed. Because of World War I, studies did not begin until 1924. The first class was opened with 16 students.

At present the fields of study at the Technion are Aeronautical, Agricultural, Bio-Medical, Chemical, Civil, Electrical, Industrial and Management, Materials, Mechanical and Nuclear Engineering; Applied Mathematics, Architecture and Town Planning, Biology, Chemistry, Computer Science, Food and Biotechnology, Mathematics, Mechanics, Medicine and Physics.

The Department for Teacher Training prepares students for vocational and technical teaching. Languages are taught in the General Studies Department, and a Humanities program offers courses in general culture.

RESEARCH. From modest research activity in the mid-thirties, the Technion has developed into one of the largest applied and basic research centres in Israel. This year the Technion is conducting a total of 1,807 research projects, approved and under way. In addition, the Technion Research and Development Foundation Ltd., established in 1952 to handle research projects sponsored by industry and government agencies, administered research projects, testing and survey totalling IL. 28 million last year.

STAFF. The academic staff in '73-'74 numbered 1,500 teachers, in part-time and full-time posts. There has been a marked increase in the number of Israeli scientists returning from abroad to teach and do research at the Technion, and special efforts have been made to absorb as many as possible. The President of the Technion is Maj.Gen. (Res.) Amos Horev, Vice Presidents are: Prof. Jacob Bear, Prof. David Hasson, Prof. Avraham Ginzburg and Mr. Yoseph Ami.

TECHNION CITY. Thanks to the generous support of Technion friends abroad and the foresight of former President of the Technion, General Yaakov Dori, first Chief of the Israel Defence Forces, the Technion now occupies a beautiful campus on the slopes of Mount Carmel. On this 300-acre campus more than 50 buildings have been erected to date, housing most of the Faculties and Departments of the Technion as well as dormitories for over 1000 students. A few Faculties and Departments, however, are still at the old Hadar campus.

TECHNION'S CONTRIBUTION. All of the country's development projects, such as the National Water Carrier, desalination projects, housing schemes, industrial development and maintenance of the Defence Forces, would have been impossible without the thousands of graduates of the Technion. During the Yom Kipur Day War, all the resources of the Technion were mobilized. The staff, students and facilities of the State's largest and best-equipped technological university played a unique role in this "modern" war.

Administrative Offices: Senate Building, Technion City, Haifa, Tel.: 225111.

THE UNIVERSITY OF HAIFA

The University of Haifa was established in 1963, on the initiative of the Mayor and Municipality of Haifa, to serve the needs of the diversified North of Israel.

The Hebrew University of Jerusalem provided academic guidance from inception until 1972, when the Council of Higher Education granted academic accredition. The academic affairs of the University are now conducted by a Senate, consisting of elected members of the faculty and student representatives. A Board of Governors, together with the Executive Committee, is responsible for the overall administration of the University.

Over 5500 students are enrolled in the Faculties of Humanities, Social Sciences and the School of Education, among whom are 400 members of the minority communities of Haifa and the Galilee, as well as newcomers from 40 countries, students from Kibbutzim, Moshavim and development towns.

The undergraduates pursue courses leading to the degree of Bachelor of Arts, in 23 departments of study. 12 departments also offer graduate studies leading to the Master of Arts degree.

The teaching staff consists of 650 members, most of whom are residents of the City of Haifa, and many of them newcomers.

The rapidly growing library which is situated in a specially designed modernistic unit includes, in addition to 250.000 volumes, a computer centre, and other information retrieval systems.

Chairman of the Board of Governors: Mr. Nathan S. Ancell; Acting President: Mr. Eliezer Rafaeli; Vice President: Dr. Aryeh Nesher; Rector: Prof. David Theodore Lapkin; Chairman of the Executive Committee: The Mayor of Haifa; Dean of Social Sciences: Prof. Abraham Kaplan; Dean of Humanities: Dr. Uriel Rapaport; Director of the School of Education: Dr. Moshe Rinot; Acting Director-General: Mr. Yaacov Levav; Academic Secretary: Mrs. Bella Toucatly; Director of Public Affairs and Secretary to the Board of Governors: Mrs. Ruth Chomut.

Mount Carmel, Haifa. Tel. 04-254411.

UNIVERSITY OF THE NEGEV

The University of the Negev, now entering its ninth year of existence, aims at serving the needs of the inhabitants of Southern Israel, and has taken a leading role in the development of the Negev, attracting immigrant and Israeli professionals of varied disciplines.

Currently, over 3000 students are enrolled at the University of the Negev, and the academic staff numbers 300 local, full-time faculty, with another 500 faculty members from rerearch institutes located in the South and from other universities. Three faculties — Humanities and Social Sciences, Natural Sciences, and Technology — are presently in operation, and a new Faculty of Medicine will open in 1974.

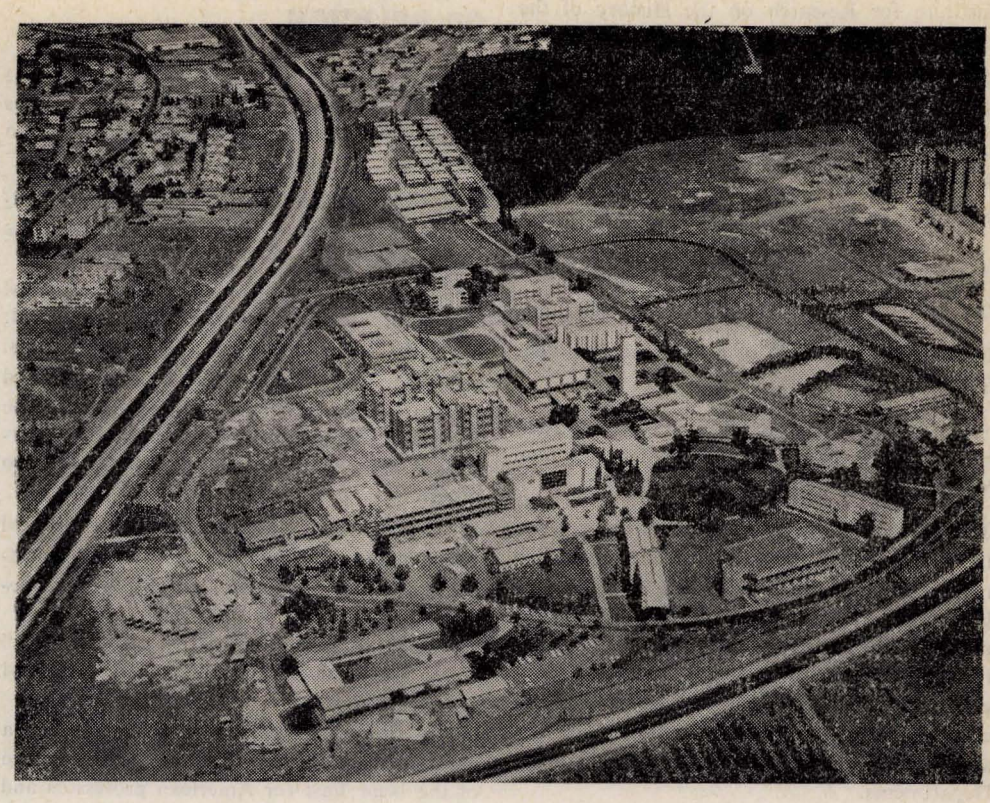
The University is located at two campuses — the original Hias House campus, housing most of the faculties of Natural Sciences and Technology and administrative offices, and the new campus, accommodating the faculty of Humanities and Social Sciences and part of the faculty of Natural Sciences, and located directly opposite the Central Negev Kupat Holim Hospital. An extensive building project, remarkable in its usage of architectural techniques specially suited to desert climate, is underway at the new campus, and several buildings are already occupied — including the Zalman Aranne Memorial Library, the Sherman Institute for Applied Research (applied chemistry), and a 270-bed dormitory.

The Regional University Center for Health Sciences, comprising six schools — Medical School, School of Graduate Studies, School for Continuing Medical Education, School of Health Administration and Health Economics, Nursing School, School of Allied Health Professions — was unanimously approved on March 20, 1973 by the Cabinet of the Israel Government, and represents a unique attempt at merging medical education with health care for an entire region.

The Negev Institute for Arid Zone Research has recently been incorporated into the University, and is now part of the Research and Development Authority of the University of the Negev, providing and coordinating applied research activities. In planning stage is an Institute for Desert Research, to be located at Sde Boqer.

University Officers: Dr. Alec Lerner, Chairman, Board of Governors and Executive Com-

BAR-ILAN UNIVERSITY



BAR-ILAN UNIVERSITY was established in 1955 as an institution for higher learning designed to impart knowledge and to encourage research in the liberal arts and sciences. In addition, Bar-Ilan has set as one of its primary goals the integration of that education with the spiritual traditions of the Jewish people. The blending of these two traditions — the general and the Jewish — in the intellectual environment of a modern university, has constituted a unique contribution to hogher education in Israel.

Bar-Ilan has the following faculties, schools and institutes:

FACULTY OF JUDAISM AND HUMANITIES: Bible, Talmud, Jewish History, Philosophy, General History, Hebrew and Semitic Languages, Hebrew Literature, World Literature, Yiddish, Arabic, English, Franch, Classical Studies, Languages (German, Russian, Italian, Spanish), Musicology, Land-of-Israel Studies, Bibliography and Librarianship, Translation and Interpretation.

FACULTY OF SOCIAL SCIENCES: Psychology, Sociology, Economics, Political Studies, Criminology, Geography, General Social Science, The Pinchas Churgin School of Education, The School of Social Work.

FACULTY OF NATURAL SCIENCES: Life Sciences (Botany, Biochemistry, Zoology, Microbiology, Ecology), Chemistry, Physics, Mathematics and Computer Science.

YAACOV HERZOG FACULTY OF LAW.

Institute for Advanced Torah Studies.

Institute of Local Government.

Institute for Researhc in Rabbinic Language from the Gniza.

Research Project on a New Dictionary of Rabbinic Language.

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mittee; Prof. Moshe Prywes, President; Prof. Haim Hanani, Rector (Incumbent); Prof. Zvi Pelach, Acting Rector (Elect); Mr. Israel Ben-Amitai, Director-General.

P.O.B. 2053, Beer-Sheva.

Institute for Bibliography in Jewish Philosophy and Chassidism.

Institute for Research on the History of the Jews in the East.

Rivlin Institute for Research in the History of the Yishuv.

Instiute for Research in the History of Religious Zionism.

Institute for Research on Diaspora Jewry.

Institute for Accountancy Research.

Institute for Socio-Economic Research.

Institute for the Study of Ethnic and Religious Subcultures.

The University has branches in Afula, Ashkelon, Netanya, Safad and Zemach (Jordan Valley).

The New York Board of Regents has granted the University its absolute charter which makes Bar-Ilan the only Israeli institution of higher learning whose degrees are fully recognised in the United States. The University has recognition from the Council of Higher Education in Israel. Bachelor and Masters degree courses are offered in the various Faculties, and Ph.D. degree courses are offered in many Departments.

The Current budget of Bar-Ilan University is IL. 65 million and the development budget is IL. 14 million. The Israeli Government subsidizes 70% of the current budget.

Enrollment of students in 1972/73 reached 6241, including 800 from abroad.

The University's academic staff numbers 900.

As a religious University, every Jewish student admitted, apart from special cases, is required to attend courses in Jewish studies, irrespective of his or her field of specialization. Non-Jewish students accepted for study at the University are not bound by the regulations concerning required courses in Judaica.

The University's library contains some 160.000 bibliographical items (in 250.000 volumes) and receives 3500 current periodicals.

The University Campus: Ramat Gan,
Tel. 752103.

HEBREW UNION COLLEGE — JEWISH INSTITUTE OF RELIGION

The Hebrew Union College — Jewish Institute of Religion, one of the oldest rabbinic colleges in the world, was founded in Cincinnati, Ohio in 1875.

The College-Institute maintains four campuses today: Cincinnati, New York, Los Angeles and Jerusalem.

The Cincinnati Campus houses one of the most important Jewish libraries in the world: over 250,000 volumes and 6,000 manuscripts. Established in 1963, by the world renowned Biblical Archaeologist, Nelson Glueck, the Jerusalem Campus serves as a center of scholarship in the liberal Jewish tradition. It has two programs:

1. **The Nelson Glueck School of Biblical Archaeology,** an American center for postgraduate study in the field of Bible-, Archaeology and History of the Holy Land:

a) Ongoing archaeological excavations at Tel Gezer are conducted jointly with the Harvard Semitics Museum.

b) A Summer Seminar in Israel offers a program in the history, language and literature of the Near East for American professors and graduate students.

2. **Rabbinical School.** All rabbinic students enrolled in the three U.S. campuses are required to spend their first year of studies in Jerusalem.

Presently 75 rabbinical students and archaeology fellows are studying at the Jerusalem College-Institute. Intensive instruction in the Hebrew language is offered, as well as courses in Bible, Jewish Literature, Liturgy, Near Eastern History and Archaeology.

A NFTY Academy for college students was inaugurated at the Jerusalem School in the academic year of 1973-74. Sponsoderd by the National Federation of Temple Youth, the program includes the study of the Hebrew language, Archaeology, History and Contemporary Israeli Society.

Reform services in Hebrew are conducted in the College Synagogue regularly on Saturday mornings and holidays.

Plans are being made to develop and enlarge the Jerusalem Campus as an Educational

THE AMERICAN COLLEGE IN JERUSALEM

The American College in Jerusalem is a private, non-sectarian American-sponsored institution of higher learning offering four-year co-educational programs of study leading to the Bachelor of Arts degree.

Now entering its sixth year the College has admirably fulfilled the intent of the founders in providing young men and women with a quality American liberal arts education in the stimulating Israeli setting.

Stressing a high level of undergraduate instruction, with small classes providing a maximum interchange between students and faculty, the College gives its students greater opportunity for personal development. Instruction is in the English language, but all students are expected to learn Hebrew and to take basic courses dealing with Israel's history and philosophy.

Having outgrown its Bet Hakerem facilities, the College opened the 1972-73 academic year in its new Samuel Goldfarb Family Campus in the garden suburb of Kiryat Moshe. This move enabled the College to enlarge its existing programs and to inaugurate new programs of study.

The American College is licensed to award the Bachelor of Arts degree by the Board of Higher Education, Washington, D.C., and has already achieved Candidate for Accreditation status with the Middle States Association of Colleges and Secondary schools.

Chairman of the Board of Governors:
Ms. Katherine Michel
Chairman of the Board of Israel Overseers:
Mr. Walter Eytan
President and Dean of Studies:
Dr. Norman D. Greenwald
Dean of Students: Mr. Morris Saperstein
Dean of Administration:
Rabbi Leonard Goldstein
(New York office, 888 Seventh Avenue, New York 10019)
Chairman of the Faculty: Dr. Sol Liptzin
2 Sderot Hameiri, Kiryat Moshe, Jerusalem. tel. 02-525997.



YESHIVAT HAKOTEL JERUSALEM

Immediately after the redemption of the Old City of Jerusalem in 1967, a group of students of Bnei Akivah (the Religious Zionist Youth Organization) founded Yeshivat Hakotel. In so doing, they became the first to re-establish Jewish life in the Old City.

The Yeshiva is located in the precincts of the Kotel Hama'aravi (Western Wall). It accordingly has accepted the unique spiritual and scholastic features of its environment. The buildings and dormitories, at present in the stage of renovation, are surrounded by the historic Mt. of Olives, the site of the Holy Temple, the majestic valley of Kidron, and the site of the Hasmonean Palace. The curriculum is a five year course of study including — Talmudic Research, Jewish Law, Philosophy, Bible and commentaries, History and Research on the Holy Temple and its surroundings.

The student body is comprised of young men, of 18 years and over from Israel and abroad. The Israel students fulfill their military obligation while enrolled at the school.

A Kolel of advanced research is part of the extension program of the Yeshiva.

The School has embarked upon a building program for the erection of a campus to accomodate 350 students.

The "esprit de corps" of the student body and of the faculty is a striking example, in miniature, of the zest and dedication of the vibrant State of Israel.

Yeshivat Hakotel, P.O.B. 603, The Old City, Jerusalem; Tel. 284566.

World Center for Progressive Judaism in cooperation with the World Union for Progressive Judaism and the Union of American Hebrew Congregations.

Officers:
Prof. Alfred Gottschalk, President
Prof. Ezra Spicehandler, Dean
13 King David St., Jerusalem. Tel. 02-232444.



THE JERUSALEM COLLEGE OF TECHNOLOGY

This is a college of technology which offers a combined programme of scientific and religious studies. Graduates of the College will have been trained in the practicalities of industry. They will be able to understand the language of the engineer, and at the same time anticipate the problems of the technician.

This College provides a framework for the many young men who, having studied in Yeshivot and upon completing their army service, wish to enter the world of technology and industry.

It is hoped that the graduate, proficient in technology and steeped in Jewish learning and tradition, will contribute through his personal example towards bridging the gap between religious and secular sectors of Jewry.

The college trains towards two degrees — that of Practical Engineer, and in addition, qualified students may obtain through a study of a further year either at the Jerusalem College of Technology or at Bar-Ilan University, a degree of B.Sc. in Applied Sciences.

The present student body of approximately 100 is drawn from all over the world. The entrance requirements are a recognized matriculation from a high school and a personal interview.

The permanent campus is being built on a 40 dunam site on Givat Mordechai in Jerusalem. It is expected that the college will grow towards a student body of 400—500.

At the present, programmes are offered in computing sciences, optics and electro-optics, solid state electronics and radar. In the near future new courses will be initiated in accountancy, metallurgy and material sciences. The college is also opening a division for teachers' training in technology.

The college has attracted outstanding authorities to head the different departments. The supervisory director, Prof. W. Z. Low, is the recipient of Israel Prize in Exact Science and of a few international awards. He heads the micro-wave laboratory of the Department of Physics of the Hebrew University. The college has an international advisory board of outstanding scientists.

25 Harav Frank St., Jerusalem 99385.
P.O.B. 16031. Tel. 02-531181, 02-534127.

THE SHENKAR COLLEGE OF FASHION AND TEXTILE TECHNOLOGY

RAMAT GAN

The Shenkar College of Fashion and Textile Technology was founded in 1970 on the initiative of the Economic Conference held in Jerusalem in 1968. The College serves to fulfill the vital need for manpower in the fashion and textile industries.

The function of the College is to educate and train for professional personnel with academis skills in the field of technology, design and management.

The College enjoys the support of Government Ministries of Education, Commerce and Industry, Labour and Finance as well as of the Israel Manufacturers Association.

The curriculum of the College was prepared with the assistance of internationally recognised scientists from well-known universities in Europe and the USA. The staff consists of scientists and experts from Israel and abraod. The College has four departments:

TEXTILE TECHNOLOGY

This department is divided into two fields:—

★ **Textile Mechanics** (spinning, weaving, knitting)

★ **Textile Chemistry** (dyeing, finishing and printing).

The curriculum combines science, technology and humanities.

INDUSTRIAL MANAGEMENT

The curriculum combines the study of science, industrial engineering, textile and clothing technology and buisenss administration.

The students can specialize either in Production Engineering or Marketing.

FASHION DESIGN

The curriculum combines the study of art, technology and humanities.

TEXTILE DESIGN

The curriculum combines the study of art, technology and humanities. The student specializes in one of the following fields of fabric design:— printing, weaving or knitting.

The College offers either a two-year or three-year course.

A graduate of the two-year course will receive a Practical Engineer's Diploma (Handasai).

A graduate of the three-year course will receive a Bachelor Degree — B.Sc. for Technology and Management Departments and B.A. for Design Departments.

President: Dr. Nathan Brown

Vice-President: Dr. Gad Alon

Administrative Director: Mr. Michael Nir

Chairman of the Board: Dr. Alec Lerner

Vice-Chairman of the Board: Mr. Ernest Wodak.

THE STATE TEACHERS COLLEGE OF PHYSICAL EDUCATION AT BEER SHEBA

was founded by the Ministry of Education and Culture in 1963, at first as an experimental course, with the aim to overcome the lack of Physical Education Teachers and Sports Instructors in the South of the country. In 1965 the College was recognised as a fully authorised State Teachers College for the training of Elementary and High School Teachers in Physical Education and Sports.

The many qualified Teachers, who graduated from the College since then, have changed the life of Sports at Beersheva, influenced Education in the whole South, and the impact of these dynamic young teachers was soon felt all over the country.

The College developed quickly with the growing town of Beersheva. From 1972 the duration of the course of instruction became 3 years (instead of two years, until then), compulsary for all students. Most of our graduates continue to study subjects of their choice at the University of the Negev at Beersheva, whilst, at the same time, teaching at different schools.

Curriculum: Similar to the three other Physical Education Teachers Colleges in Israel. The Curriculum includes the following subjects:—

Hebrew Language and Culture, Pedagogics, Psychology, Geography, Reading of Foreign Language Texts and all theoretical subjects and scientific fundamentals of Sports and Physical Education like Anatomy, Physiology, Kyniosology, Sociology, Statistics, Methodics, History and Organisation of Sports, etc. We also teach Art, Music and Phonetics.

Practical Lessons are an important part of the course of instruction; during the first year they take up 60% of the entire curriculum, during the second year 50% and during the third and last year 25%. Sports, Games, Track and Field, Swimming, Tumbling, Folkdancing, Movement, Rhytmics and Dance are compulsary for men and women during the first two years.

Special Emphasis of our program lies on the Physical and Human Climate of the South of Israel.

Teachers, Lecturers and Coaches: We have the best available Specialists in every field, most of them with academic degrees. They teach expertly, try constantly new approaches and do their utmost, to help each student and to develop the College.

Students: Our students were at the beginning inhabitants of the Negev only; but, attracted by the special atmosphere of this smaller College, they come now from all over the country. They usually become so involved with the educational problems of the Negev, that they settle here after completing their studies. Our students have a very active student council, that organises their own sports and social life. Most of the students work in the afternoons as coaches, organisers, assistant teachers, etc.

Graduates: We have 200 graduates until now. Most of them visit the College regularly, write for the College Journal and remain in contact with us. 50% of the graduates work in the South at Elementary and High Schools, at the University, in Special Education, and as Coaches and Organizers. All of them got good and interesting positions, in other parts of the country as well. All, but 4 only, remained in Physical Education and Sports.

Admission: All students seeking admission should apply before the First of April of each Calendar Year to the Secretariate of the College at 33 Bezalel Street, "B" Quarter, Beersheva, Israel (P.O. Box 378 Beersheva, Phone 057-3217). Every student has to pass an entrance examination, to which candidates with 12 years of schooling and matriculation are admitted.

Fees: Entrance examination IL. 30; Yearly Tuition IL. 150 (only); Special fees IL. 150; Dormitories (yearly) IL. 800. The Ministry of Education and Culture encourages the Training of Teachers and awards Loans and Stipends of up to IL. 3000 per academic year.

The Year starts on the First of September, is organised in 3 Semesters, and finishes at the Beginning of July.

The Ministry of Education and Culture allotted in June 1973 the necessary funds for new and modern buildings, including all the necessary facilities like 3 Gym Halls, Sportsfields, Swimmingpool, Laboratories, Students' Dormitories, etc. In the meantime we have to do our very best under the existing, rather diifficult, conditions.

We hope to keep the spirit of our college also in the years to come, so that we can attract, in future too, all those students from Israel, and from abroad, who choose the educational concept this College stands for.

The principal of the College, since foundation, is Dr. Elly Friedmann.

ISRAEL INSTITUTE OF APPLIED SOCIAL RESEARCH

The Israel Institute of Applied Social Research is a non-profit organization chartered by the Israel Government. According to the charter, the purposes of the Institute are to advise governmental, public and private institutions and firms in all matters relating to research in the fields of social psychology, sociology, psychology and related disciplines; to raise the level of research in Israel; and to cooperate with organizations in Israel and abroad.

During the twenty-five years of its existence, the Institute had conducted research projects in fields such as: methodological research; immigration; social structure and cultural patterns; housing, town, and community planning; education and occupational training; mass media, communication and public opinion; military behavoir; economic behavoir and marketing; medical sociology and psychology, sanitation and hygiene; personnel management, industrial sociology and psychology; organizational functioning; and behavior genetics.

The Institute is headed by a Board of Trustees comprising five members: Dr. Yaacov Arnon (Chairman), Dr. Arthur Bergman, Professor Louis Guttman, Professor Shlomo Kugelmass, and Mr. Aharon Remez. Dr. Louis Guttman is the Scientific Director of the Institute. For the current period Dr. Zeev Ben-Sira, Professor Louis Guttman and Professor I.M. Schlesinger are members of the Executive Committee.

Among the Institute's permanent staff are some 35 professional research workers. The technical unit comprises 15 people, including programmers, data processing workers, and administrative staff. In addition, a large number of part-time workers are engaged in the field-work which is operated from four field-work centers in Jerusalem, Tel Aviv, Haifa and Beer-sheva.

Besides its own conventional printing-counting-sorting equipment, the scientific and data processing staff of the Institute make use of the largest electronic computers in Israel. They have pioneered in developing new types of inexpensive programs for comprehension of large scale data analyses for the behavioral sciences. These programming facilities and data-processing know-how are made available to other institutions.

Jerusalem 19 Washington Street, P.O.Box 7150; Tel. 231421-2-3; Cables: ASRI

NEOT KEDUMIM — THE GARDENS OF ISRAEL

Neot Kedumim — The Gardens of Israel is primarily an educational project concerned with the relationship between Jewish traditions, symbols and holidays and their roots in the Land of Israel.

Now under construction, Neot Kedumim consists of a 400-acre area in the region of Modi'in, birthplace of the Maccabees, between Tel Aviv and Jerusalem. Eventually it will contain the entire Biblical and Talmudic flora and fauna set in a series of special garden areas (e.g., Oaks of Abraham and Sarah, Dale of the Song of Songs, Hill of the Menorah) providing the visitor and student with a living panorama of Jewish history and its rootedness in the Land of Israel. Neot Kedumim will literally bring to life the stories, legends and traditions of Israel and will present in one integrated area the varied topographical features, flora and fauna of the Land of Israel. The Neot Kedumim complex will also have a museum, 300-bed youth and study center, classrooms, laboratories and sports facilities.

The educational activities of Neot Kedumim involve the production of visual materials — filmstrips and slide sets in Hebrew and English — as well as traveling exhibits, teacher-training courses, seminars and lecture series for teachers and other groups. The Annual Neot Kedumim Work-Study Tour is a program offering U.S. high school students an opportunity to spend an unusual, educational seven weeks in Israel, touring, working at the Neot Kedumim

site and studying at first hand the concepts developed by Neot Kedumim.
Neot Kedumim operates in Israel and the United States as public, non-profit, tax-exempt organizations.

Its Board of Trustees was created at the residence and under the aegis of the President of the State of Israel, Zalman Shazar. Among many distinguished figures, it includes Abba Eban; Amb. I. Rabin; A. Dushkin, Prof. Emeritus, Ch. Dept. of Jewish Ed. in the Diaspora, Hebrew U.; E. Z. Melamed, Prof. of Talmud at Hebrew U. and U. of Tel Aviv and Y. Galil, Prof. of Botany and Ch. of the Dept., Tel Aviv U.

Honorary President: Justice Arthur J. Goldberg, f. U.S. Ambassador to the U.N.
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NEOT KEDUMIM LTD., P.O.B. 299, Kirjat Ono, Israel — Tel. (03) 758-435
NEOT KEDUMIM LTD., INC., 501 Fifth Ave, Suite 1801, New York, N.Y. 10017, USA; — Tel. (212) 682-4848

MASKIT
ISRAEL CENTER OF HANDICRAFTS



"A word fitly spoken is like apples of gold in Ornaments of Silver" (Prov, xxv, 11)
The name Maskit is biblical and means "Ornaments" or beautiful and aesthetically exciting object.

And indeed the name Maskit is today synonimous with original fashion, beautiful handicrafts, exclusive giftware, artistic jewellery and carpets — all hand made by talented Israeli craftsmen, both young Israeli and specialists who adapt traditional skills gained in their countries of origin to contemporary Israeli designs, under the leadership of Mrs. Ruth Dayan, the f. wife of the Minister of Defence, Mr. Moshe Dayan, the President and the founder of the House, the Managing Director of which is Mr. Yehuda Milo.

Maskit has for many years been the epitome of good taste and high quality both in Israel and abroad and is today in a position to meet export demands and requirements.

Maskit which was a Government owned Company was taken over recently by the Israel Investors Corporation, President of which is Mr. Sam Rothberg, and Managing Director is Mr. Shimon Horn who serves as the Chairman of the Board of "Maskit".

Maskit is expanding its production in many different areas. Home furnishing which will include wallhangings, rugs, curtains, bedspreads,, upholstery and casual pieces of furniture, metalware for home design and ritual objects. Fashion which includes designs for different seasons of the year, fabrics which are originally designed and exclusive for Maskit. Jewellery in gold, silver and metal, traditional and modern.

According to development plans, new Maskit shops have recently opened in Ramat-Gan, Beer-Sheva and Old Jaffa. Also the new exclusive Jerusalem Maskit store will open in the early Summer.

Head Office : EL AL Bldg., 32 Ben Yehuda Road, Tel Aviv. Tel. 56163-4-5.

Maskit shops: Tel Aviv, 32 Ben Yehuda Rd. Ramat Gan, 1 Bialik St. Beer Sheva, 201 Keren Kayemet St. Haifa, 6 Nordau St. Herzlia, Sharon Hotel. Old Jaffa, 18 Simtat Mazal Dagim.

HABIMAH NATIONAL THEATRE

The Hebrew National Theatre "Habimah" was founded by the late Nachum Zemach in 1917 in Moscow as a dramatic studio of the Moscow "Art Theatre". The presentation of the "Dybbuk", (produced by Y. Vachtangoff, the teacher and mentor of the studio), "The Eternal Jew" and "The Golem" made a deep impression and led to the "Habimah" tours in Europe (1926), and to the States (1927); it earned the company world recognition. In 1928, the "Habimah" arrived in Israel, and in 1929-31, the comp. again went on tour to Europe. In 1931, the members of the "Habimah" returned to Israel and settled here. Later, tours abroad brought them to Europe (37), to USA (48). In 1964, "Habimah" left Israel on its two months' U.S. tour. The company achieved a great artistic success there, with "The Dybbuk", "Children of the Shadow" and "Each Had Six Wings".

In 1954 and 1967 "Habimah" participated in the "Drama Festivals" in Paris, the "World Theatre Season" in London in 1965, and visited the burgtheater in Vienna in 1969, as well as Holland and Belgium in 1971. Since 1945, the "Habimah performs in its own theatre in Tel-Aviv, and also in many towns and villages.

The season of 1962 saw the official opening of the newly constructed Little Theatre.

In the first place, it hoped to encourage the development of original Israeli plays. Secondly, this type of chamber theatre creates a closer contact between the player and his audience.

The "Habimah's" repertoire comprises selected plays from world-known dramatists as well as from Jewish theatrical literature. The "Habimah" especially selects original Israeli plays.

In August 1969 the Minister of Education, Mr. Zalman Aran, appointed a Board of Directors, consisting of 13 members, to administrate the Habimah Theatre.

Gen. Mng., Mr. Gabriel Cifrony; Artistic Dir., Mr. Shimon Finkel.

Office: Tel-Aviv, Kikar Habimah, P.O.B. 222; Tel. 282720, 284102; Box Office: Tel. 283742.

I.P.O. – THE ISRAEL PHILHARMONIC ORCHESTRA

The Israel Philharmonic Orchestra (known as the I.P.O.) was founded in 1936 by the eminent violinist, Bronislaw Huberman. It is now one of Israel's leading cultural institutions and has also attained an international reputation. The orchestra has a basic strength of 107 musicians. About 60 of them were born or trained in Israel; and there are many new immigrants, from the USSR and elsewhere, who have joined the I.P.O. in recent years.

The orchestra's home is in Tel-Aviv at the Fredric R. Mann Auditorium which seats approximately 3,000 persons. During its ten month season, the I.P.O. performs nearly 180 subscription and special concerts for its 32,600 subscribers and for the concert-loving public throughout the country. Full subscription series are played in the three major cities, Tel-Aviv, Jerusalem and Haifa, with more modest series in Ein Gev and Beersheba. The orchestra also plays annually in Natanya, Afula, Eilat and many other towns and settlemens, and performs regularly at special youth concerts and at concerts for the Israel Defence Forces.

From its inception, when the revered Arturo Toscanini conducted the orchestra's first concerts, the I.P.O. has brought to its podium internationally known conductors and renowned soloists, who are regularly featured guest artists, along with Israeli conductors and soloists.

The programmes are built on the standard masterworks, plus works by contemporary as well as Israeli composers. Of late, the I.P.O. has also presented fully staged operas and accompanied ballet ensembles. In 1969 the orchestra appointed the internationally renowned conductor, Maestro Zubin Mehta, as its Music Adviser.

In addition to its heavy schedule of concerts in Israel, the I.P.O. makes frequent appearances abroad, where it is recognized as one of Israel's most eloquent and welcome ambassadors. Its reputation has also been enhanced by the many records it has made under contract with Columbia-EMI and Decca, which enjoy world-wide distribution.

Main office: 1, Huberman St., Tel-Aviv; Tel. 288102.

ISRAEL NATIONAL OPERA

The Israel National Opera was founded in 1947, by Mrs. Edis De-Philippe, the American opera star. In 1946 she appeared here in recitals; and that visit had changed a dream into reality: Edis De-Philippe, who had appeared on opera stages all over the world and had a brilliant career before her, left her performances at the Grand Opera in Paris, where she had appeared in star roles (including Mimi, Violletta, Thais, Manon, etc.) and resolved to settle in Israel. As founder and Directrice of the Institution, she established a public Management Committee and a council of 60 members, consisting of important personalities, headed by Chief Justice Zvi Berenson. The present Management Committee includes Messrs.: S. Eben-Zohar, A. Alpert, Dr. Y. Bader (M.K.), N. Green, Y. Groman, L. Dolzin, Edis De-Philippe, Y. Haft, Z. Lavon, I. Yeshayahu (M.K.). Between 1947-1958, the opera performed at the "Habima" Hall; then, it moved into the old Knesset building and transformed it, into an Opera House, seating 900 people. Here it has put on 55 productions of opera and ballet. In spite of limited means, (only 20% is subsidized by Govt.), the Opera put on, in 25 years, regular productions during 50 weeks a year. The Opera employs 235 artists and workers, among them a choir, a symphony orchestra, solo singers, ballet corps, conductors, choreograpers, stage hands, etc.

The Israel Opera Ballet Corps consists of 30 dancers and presents ballet evenings as well as opera performances.

The Opera's repertoire includes most of the important Italian and French operas, also works by Mozart and by Russian composers. It also performed the first Israeli Opera "Alexandra".

One of Edis De-Philippe's future aims is to build an Opera House, technically suitable in every respect in order to guide this successful venture towards new achievements.
In Israel we have a great Opera and ballet audience (per capita, the largest) and the management woud like to develop it to be the top of the list of cultural activities.
Office: 1 Allenby St., Tel Aviv; Tel. 57227.

THE BATSHEVA DANCE COMPANY OF ISRAEL

General Manager:
PINHAS POSTEL

Artistic Director:
WILLIAM LOUTHER

Associate Artistic Director:
LINDA HODES

Rehearsal Director:
KAJ LOTHMAN

★

Founded in 1964, the Batsheva Dance Company with Martha Graham as its first Artistic Adviser, has obtained world wide acclaim. In December 1970 it was enthusiastically hailed by the New York Press and Public alike.

The Compnay's repertoire includes works by Martha Graham, Jerome Robbins, John Cranko, Norman Morris, Glen Tetley, Talley Beatty, John Butler, Jose Limon, Anna Sokolow, Robert Cohan, as well as by other famous international choreographers. The repertoire also includes works by Israeli choreographers, Moshe Efrati and others as well as by some of the Company's leading dancers, Rina Schenfeld and Rena Gluck and Artistic Director William Louther.

In addition to regular tours abroad, the Company also performs all year around throughout Israel, giving some 60 performances a year in various parts of the country.

9 Sd. Hahaskala, Tel-Aviv; Tel. 35597, 33813.

THE BAT-DOR DANCE COMPANY OF ISRAEL

Founded in 1968 the Bat-Dor Dance Company has successfully completed two tours abroad, including the Far East in 1972 and, in the latest tour of seven countries in South America in the Summer of 1973, the Company received outstanding ovation.

The press, both in Israel and abroad, has acclaimed the high artistic achievements of the Bat-Dor Company. The Company has trained in both classical and modern dance techniques. The repertory featuring works by various famous choreographers, reflects this classical-modern approach.

In April 1971, Bat-Dor's new premises were officially opened. These premises include a theatre and rehearsal studios which serve the company and the Bat-Dor Studio of Dance. In addition to tours abroad, the company also perform all year around in Israel.

★ General Manager: Barry Swersky;

★ Producer: Batsheva de Rothschild;

★ Artistic Director: Jeannette Ordman;

★ Assistant to the Artistic Director: Merle Graves.

★ Advisers — Music: Zvi Avni;
Lighting: Haim Tchelet;

★ Public Relations: Joseph Frenkel.

30 Ibn Gvirol Street, Tel-Aviv; Tel. 263175.

★

BAT-DOR STUDIOS OF DANCE

Founder: Bathsheva de Rothschild;
Director: Jeannette Ordman;

General Manager: Barry Swersky. Founded in 1967, this school now has over 600 pupils and a teaching faculty of some 15 teachers. The school teaches classical ballet, modern dance and jazz to pupils who range in age from as young as 6.

The school regularly enters candidates for the British Royal academy of Dance examinations and has obtained excellent results. The children study according to the Royal Academy of Dance Method and Modern dance training is based on the Martha Graham technique. In addition there is a perparatory performing class for advanced students and there are also classes in the Fundamentals of Music. All pupils are required to take an equal amount of classes in modern and classical technique.

30 Ibn Gvirol St., Tel Aviv; Tel. 263175.

THE JABOTINSKY INSTITUTE IN ISRAEL

The Institute collects and preserves historical material pertaining to the Jewish Renaissance Movement.

In the archives of the Institute are kept the documents, letters and writings of the late Vladimir Jabotinsky, from all fields of his political and literary activities.

The Institute preserves collections of documents connected with the creation of the Jewish Legion during World War I, the archives of the Revisionist Movement and its affiliates and institutions: Betar, Brith Hahayal, Massada, Yavneh ve-Yodefet, and others. Special departments in the archives concern activities of Nili, Irgun Zvai Leumi, Lohamei Herut Israel (Lehi), Aliah Beth, etc. In addition to the official archives of the Movement, the Institute also maintains private archives and collections belonging to personalities whose activities were connected with the National Movement. These include the archives of the late Yaacov Cahan, Yermiyahu Halpern, V. Tiomkin, etc. Attached to the Institute are the historical museum of the National Movement, the museum of the Irgun Zvai Leumi and the museum of the partisans — members of the National Movement.

The reference library of the Institute numbers some 10,000 books.

The Institute is registered as an Ottoman society, and is recognized by the Ministry of Education as well as by Institutes of higher learning in the country.

The reading rooms of the Institute are open to students and research-workers : Sundays, Tuesdays, Thursdays, 8—15; Mondays, Wednesdays, 8—13 and 18—20; Fridays, 8—13.
The Historical Museum is open: Sundays, Tuesdays, Thursdays, 10—18; Mondays, Wednesdays, 10—13 and 18—20; Fridays, 10—13.

Chairman is Mr. Yehuda Benari.

Tel Aviv, 38 King George St., Tel. 248261.

INTERNATIONAL CULTURAL CENTER FOR YOUTH IN JERUSALEM

The "International Cultural Center for Youth" in Jerusalem, founded (1960) by an Interfaith Committee in the U.S.A. is headed by Mr. Moshe Kol, Min. for Tourism, as Chairman of the Board of Directors; Prof. Alexander Dushkin is Chairman of the Pedagogic Committee & Mr. Avraham Yekel is Director.
The aim of the cultural Center is : to foster education for International understanding among Israeli youth of all denominations.

Ways of implementation :

The Center brings its programs every year to over 200,000 people, mainly youth, all over Israel. Among the tens of programs the Center has introduced at its building and in schools, youth clubs, community centers and museums all over Israel, are traveling exhibitions on "Countries & Nations", Universal problems & Art, Traveling museums, Art work-shops, Unesco clubs, Pen-pal sections, Quizzes on "Countries & Nations", Regular study circles on the "Nations of the World," Folklore evenings, Symposia and Meetings between youth from Israel and other countries.
The I.C.C.Y. reaches all sections of the Israeli population, but is mainly concerned with Youth — Jewish, Moslem and Christian.
The I.C.C.Y. conducts an extensive program of cultural and educational activities for Arab youth & adults in Jerusalem and all over Israel.
The budget of the I.C.C.Y. comes mainly from Israeli educational and cultural bodies, and in part from donations from individuals and organizations in other countries interested in its aim and work.

Cooperation with other institutions :

The I.C.C.Y. cooperates closely with the Ministry of Education and Culture, the Israel National Commission for UNESCO, the Ministries for Foreign Affairs and Tourism, as well as other Governmental Offices, Municipalities and Local Councils, The Jerusalem Municipality, The Jerusalem Foundation, Museums and youth institutions and movements.
The Center also cooperates closely with all the Diplomatic Missions in Israel.

12a, Emek Refayim St., Jerusalem; P.O.B. 8009; Tel. 31375, 63390.

MUNICIPAL MUSEUMS OF TEL-AVIV–YAFO

THE TEL-AVIV MUSEUM — 27-29 Hamelekh Shaul Blvd., Tel. 257361

Visiting hours:

Sun., Mon., Wed., Thurs.	10.00—13.00	16.00—19.00
Tuesday	10.00—13.00	16.00—22.00
Friday		10.00—14.00
Saturday evening (winter)		18.00—22.00
Saturday evening (summer)		19.00—23.00

MUSEUM HAARETZ — Ramat-Aviv
Tel. 415244 — 415248
GLASS MUSEUM
KADMAN NUMISMATIC MUSEUM
CERAMICS MUSEUM
MUSEUM OF ETHNOGRAPHY AND FOLKLORE
TEL-QASILE EXCAVATIONS
NECHUSHTAN PAVILION — Timna Excavations
ALPHABET MUSEUM
MUSEUM OF SCIENCE AND TECHNOLOGY

Visiting hours:

Sunday, Monday, Tuesday, Thurs.	10.00—17.00
Wednesday	10.00—20.00
Friday	10.00—14.00
Saturday & holidays	10.00—14.00

THE LASKY PLANETARIUM

Daily performances: 9.00, 10.30, 12.00
Sabbath and holidays closed
On Tuesday also at 19.15
Scientific stripes screening each last Tuesday of the month, at 20.15

WHAT OFFERS YOU A VISIT TO THE HAARETZ MUSEUM?
A visit to the Haaretz Museum and its branches offers you a comprehensive view of the history and culture of Eretz Israel and of the Middle East during a period of 4.000 years, of the recent and past record of Tel-Aviv—Yafo, from the ancient times to our days, as well as interesting illustrations of the scientific achievements which have changed the life of man and his notions about the world we live in.

MUSEUM OF THE ANTIQUITIES OF TEL-AVIV—YAFO
10 Mifratz Shlomo St., Yafo

Visiting hours:

Sun., Mon., Tues., Thurs	10.00—17.00
Wednesday	10.00—20.00
Friday	10.00—14.00
Saturday and Holidays	10.00—14.00

MUSEUM OF THE HISTORY OF TEL-AVIV—YAFO — 27 Bialik St.

Visiting hours:

Sun., Tues., Thurs.		9.00—14.00
Mond., Wed.	9.00—13.00	16.00—19.00
Friday		9.00—13.00
Saturday and Holidays		closed

Sat. admittance — free of charge

LIM ART GALLERIES

TEL-AVIV

(Near Hilton Hotel)

Uses its large exhibition hall both for one-man exhibitions and group exhibitions of artists it represents, country —or district wide, i.e. Itzhak Frenkel (Frenel), Avraham Mandl, Moshe Chouski, Ahuva Sherman, Moshe Gat, Joseph Kossonogi, Stefan Alexander, Jules Perahim, Yehuda Razgour, Halina; and it shows works by Marcel Janco, Mordecai Levanon, Yohanan Simon, David Peretz, Sami Briss and others; sculptures by Batia Lishanski, Constant, Aaron Priver, Aaron Ashkenazi, Bezalel Mann, etc.

Galleries are open daily from 9—1 a.m. and 5—10 p.m.; Friday 9 a.m. — 2 p.m.; Saturday 10 a.m. — 1 p.m. Phone 220020.

IDA KIMCHE

ART GALLERY

TEL AVIV

The Ida Kimche art gallery, at Hilton Tel-Aviv, carries works of leading Israeli & international artists, i.e.: Agam, Ardon, Chagall, Ben Chaim, Nahum Gutmann, Kaszemacher, Mane Katz, Pascin, Rubin, Shlomo, Shraga Weil, Weintraub etc.; sculptures by Ben Ely, Chana Orloff, Eli Ilan, etc.

Hilton Hotel, Lobby, Tel-Aviv; Tel. 244222.
See Advt. this page.

LIM ART GALLERIES

ISRAEL'S LARGEST ART GALLERY, WITH THREE EXHIBITION HALLS PROVIDING FOR COMPREHENSIVE VIEWING OF ISRAELI PAINTING AND SCULPTURE / THE GALLERIES REPRESENT THE LEADING ARTISTS AND PROMISING YOUNG ARTISTS, INCLUDING ISRAELI ARTISTS WORKING ABROAD AND MEMBERS OF THE EIN-HOD AND SAFED ART COLONIES

FOR APPOINTMENT PHONE 220020
GALLERY HOURS: DAILY 9-1 a.m. & 5-10 p.m.; FRIDAY 9-2;
SATURDAY 10 a.m. — 1 p.m.
170 Ben-Yehuda St. (near Hilton Hotel) Tel-Aviv

IDA KIMCHE

ART GALLERY

TEL-AVIV
HILTON HOTEL LOBBY
TEL. 244222

CBS RECORDS LTD.

A joint venture of CBS Inc. U.S.A. and Mr. Simon Schmidt of Tel Aviv, the company, founded in 1964, unfolds a wide activity in the field of recording and music publishing (through its wholly-owned subsidiary, April Music Limited). In addition to CBS/Columbia labels, the company is the Israel licensee of many American and European record companies, a.o., Capitol, Elektra, EMI (all labels), United Artists, Tamla-Motown, Kinney Labels, Vanguard, Grt. Labels. Fully paid up capital $ 360,000. Board of Directors: CBS Inc. and Mr. S. Schmidt.

ICOFEX – THE ISRAEL COMPANY FOR FAIRS AND EXHIBITIONS LTD.

The Company's task is export promotion in general, as well as inducements through the means of official participation in trade-fairs, and through the organization of Israeli weeks in stores abroad in particular.

The main activities of the Company are: the organization of Israel's official participation at international trade fairs, of Israeli commercial exhibitions in foreign countries and selective sample exhibits for the information of important buyers from abroad, especially in connection with "Israeli Weeks" held in large department stores.

This year's programme envisages the participation in over 40 fairs by some 400 exhibiting firms, and Special "Weeks"

The shares are owned by the Government, the Jewish Agency, the Manufacturers' Association, the General Cooperative Association of Jewish Labour in Israel, and the Tel-Aviv Chamber of Commerce.

Director General of the company is Mr. Yoram Ziv. The Head Office is located at 48, Kalisher St., Tel-Aviv, P.O.B. 1492; Tel. 56104/5. Telex 33 560 Icofex.

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THE ISRAEL MUSIC INSTITUTE

The Israel Music Institute was founded in 1961 by the National Council of Culture and Art, the Ministry of Education and Culture, the America-Israel Cultural Foundation and the League of Composers in Israel. Its purpose is to foster original works by Israeli composers, by having them printed and promoted, both in Israel and abroad. This activity has led to a considerable improvement in the standing of Israel's composers whose works have thus become better known, both here and abroad. This in turn has made for the increased number of performances given to contemporary Israeli music.

The Israel Music Institute has published about 350 works by the best Israeli composers and musicologists, many of them belonging to the younger generation. I.M.I. publications range from operas, cantatas, symphonic, chamber, vocal and instrumental music through liturgical music and music based on biblical or sacred subjects, to educational music and musicological monographs. Recently the I.M.I. embarked on a new venture in the field of Movement Notation, in publishing the Eshkol-Wachman Movement Notation works (classical ballet, athletics and Israeli folk dances), a system evolved specifically in order to express in notation any and all movements that the human body can possibly execute.

The works selected for publication by the I,M.I. are submitted to a stringent review before a special editorial committee, the members of which are among Israel's leading musicians. In its deliberations the committee is guided by the artistic quality of the work rather than by commercial aspects. From a technical point of view, I.M.I. publications are of a high standard. The music is copied by a specially trained staff of copyists and calligraphers and before submission to the printers, the work is thoroughly edited from many aspects, bearing in mind the latest developments in contemporary music.

I.M.I. is a member of the international MUSIC INFORMATION CENTRES affiliated to the IAML (International Association of Music Libraries) of UNESCO. In its capacity as the Music Information Centre of Israel, the I.M.I. supplies information on the Israeli music scene.

I.M.I. has at its disposal an auditorium furnished with the best equipment, where recorded Israeli music (either on tapes or records) together with the relevant scores, is available for listening, to any interested persons.

I.M.I. is represented abroad by some of the best music publishers in the world (Boosey & Hawkes in the USA, Canada and France; Ricordi in Italy and Argentina; Universal Edition in England, Austria and Switzerland; Albersen & Co. in Holland; Baerenreiter Verlag in West Germany; Wilhelm Hansen in Denmark; Harald Lyche & Co. in Norway; A/B Nordiska Musikforlaget in Sweden), where scores, orchestral material, sheet music, books and some recorded tapes (for listening on the spot) may be found. The I.M.I.'s latest catalogues, brochures and publicity material are obtainable free upon request. Publicity material and reference copies of I.M.I. publications are also found at the offices of Israel's diplomatic representations abroad.

I.M.I. is also the sole representative for Israel of several music publishers abroad — Baerenreiter of West Germany, Novello of England, Ricordi of Italy and Universal Edition of London and Vienna.

Chairman of I.M.I.'s Board of Directors is Mr. Uri Toeplitz; the I.M.I. Managing Director and Editor is Mr. William Elias.
I.M.I. offices are at 6 Chen Boulevard, P.O.B. 11253, Tel-Aviv; Tel. 284397.
The Listening Centre; Tel. 289514.

THE BRITISH COUNCIL

The British Council, incorporated by Royal Charter in 1940, is an organisation of independent status which aims to promote a wider knowledge of the United Kingdom and the English language abroad and to develop closer cultural relations with other countries. In Israel it provides contacts on all academic educational and cultural matters, offers scholarships and bursaries, arranges exhibitions and lecture tours, and supplies documentary, medical and scientific films. It has three lending libraries open to the public at Tel Aviv, Jerusalem and Haifa. The British Council's addresses are:

Tel Aviv (Office and Library): 140 Hayarkon Street, P.O.Box 3302, Telephone: 222194/5/6/7.

Jerusalem (Office and Library): Terra Sancta Building, King George Avenue, P.O.Box 2501, Telephone 39866.

Haifa (Library): Rothschild Community Centre Shderot Hanassi.

THE BOOK PUBLISHERS' ASSOCIATION OF ISRAEL

29, Carlebach Street, P.O. Box 1317,
Tel Aviv, tel: 284191
Chairman: Mordechai Bernstein; Secretary-General: Benjamin Sella; Manager, Literary Rights Department: Shlomo Erel
The Book Publishers' Association of Israel was founded in Tel Aviv in 1939 and its membership includes the majority of the 100 or so publishing houses which are active in Israel. The Association offers services to its members in many vital areas. The Association undertakes general book promotion and publicity and publishes a monthly journal in Hebrew, **Hasefer Be-Yisrael** (The Book in Israel). The Association also publishes a joint book catalogue of its members and arranges and organizes the annual Hebrew Book Week, which takes place during the spring, in the main cities and in remote towns and villages in border and development areas throughout Israel.
The Association administers two subsidiary cooperative associations and two joint publishing companies, **Yachdav** and **Ma'alot.** Its International Promotion and Literary Rights Department, deals with the sale of translation rights and co-production into and from Hebrew and foreign languages.

YACHDAV UNITED PUBLISHERS CO. LTD.
29, Carlebach Street, P.O. Box 1317,
Tel-Aviv, tel. 284191
Chairman: M. Berenstein
Director: Benjamin Sella
Yachdav was established in 1960 by the Book Publishers' Association of Israel as a jointly-owned publishing house in which most members of the Association are shareholders. The aim of Yachdav is to publish books which are subsidized by the Government or public institutions, and to publish books, the publication of which might not be economically feasible for any one firm. It specializes in university level textbooks and publishes on behalf of the Ministry of Education, and has undertaken a joint literary project with the Israel Society of Authors.

MA'ALOT
29, Carlebach Street, P.O. Box 1317,
Tel Aviv, tel. 284191
Chairman: S. Achiasaf
Director: Elazar Goor
Ma'alot was established in 1969 by the Book Publishers' Association of Israel as a jointly-owned publishing house in which most of the members of the Association are shareholders.
Its main activity is the publishing of reference and textbooks for primary, intermediate and high-schools; in accordance with the study-programme of the Ministry of Education and with its coordination.

PUBLISHING HOUSE HAKIBUTZ HAMEUCHAD

The publishing activities of Hakibutz Hameuchad started on the eve of World War II; during the past 30 years hundreds of books have been published by this enterprise, which aims at meeting the peculiar cultural needs of the present generation. This activity has encompassed a great variety of works of belles-lettres, geography, Jewish history, the Holocaust and the ghetto uprisings, political science and the labor movement, natural science and agronomy, education, children's literature, painting, sculpture, photography — a range of books which has left a deep imprint on the intellectual life and the liberal arts in Israel.
To mention only a few: in the field of **Israeli History** and the **Lore of the Land,** — works by Gedaliahu Alon (Israel Prize); works on archeology by Prof. Nelson Glueck and Shemariahu Gutman, as well as the popular "Know the Country" series by Joseph Braslavy (Bialik Prize).

Holocaust and Uprising—anthologies, diaries and memorial works by Tuvia Bojikovsky, S. Bornstein, Hantsche & Frumke and Mordechai Tennenbaum. Special mention should be made of the collected poetry of the late Poet of the Holocaust, Itzhak Katsenelsohn.
Social Sciences: The collected works of Ber Borochov and of Itzhak Tabenkin; The **Sand Curtain** by Yigal Allon.
Education: The works of Yanusz Korczak;

Essays in Education, by M. Segal.

Prose: The collected works of Y. H. Brener; works by S. Yizhar (Israel Prize); Aharon Megged (Brener Award); Yonat & Alexander Sened (Brener Award) and A. B. Yehoshua.

Poetry: Collected works of Natan Alterman and collections of poems by Avraham Halfi, Moshe Bassok, Zerubavel Gilead, Amir Gilboa, Haim Guri, Binyamin Galai, etc.
Translated Works: Most of Dostoyevski; novels by Pushkin, Chekhov, Turgenev, Zola, Flaubert, Thomas Hardy, Maupassant, Anatole France, Freres Goncourt, etc.

Plays: Shakespeare's Tragedies; Comedies of Molière; Lope de Vega, Buechner, Federico Garcia Lorca.

Children's Literature: From among scores of works we will mention those by Fania Bergstein, Kadia Molodovska, E. Hilel, Raphael Eliaz, and Peter Merom.

Reproductions: Prints in albums by Menachem Shemy and Avraham Goldberg; sculptures by Yaacov Luczanski and Yehiel Shemy.

An important contribution to educational and pedagogical literature has been made by the textbooks of General Chemistry, by Z. Netzer; Zoology, by Yehoshua Margolin; Anatomy of the Plant, by Prof. Fahn, as well as Azaria Alon's books on Nature and the Country-side.

The Editorial Board includes numerous writers and editors, e.g. Avraham Tarshish, Shlomo Derech, Itzhak Zuckerman, Shlomo Even-Shoshan, Menachem Dorman, Zerubavel Gilead, Alexander Sened, Rina Klinov, Itzhak Kafkafi, Arieh Fialkov, Avital Dafna and Yaacov Mosek.

17, Rehov Pumbadita, Tel-Aviv; Tel. 220402; P.O.B. 16040.

ARABIC PUBLISHING HOUSE

Established 1962, incorporating all former arabic publications of the Histadruth — The General Federation of Labour; publishes 3 periodicals for boys and youth, school books and books in general.
Chief Editor and Director: Eliahu Aghassi, 11 Lessin St., Tel-Aviv;

Secretary: Eliahu Yosef, 54, Bialik St., Ramat-Gan.
Address: 17a, Hagra St., Tel-Aviv; P.O.B. 28049; Tel. 31438/9.

INTERNATIONAL EVENTS IN TEL-AVIV 1974



MAY

ISPACK
May 6—9

International Exhibition of Packaging Machinery and Materials, and Food Processing Equipment. In cooperation with the Israel Institute of Packaging.
For professionals only.

JUNE

TEL-AVIV INTERNATIONAL TRADE FAIR
June 4—22

Special theme: HABITAT and CHILD.
General Consumer-goods Fair — open to the public.

OCTOBER

TIMPRINT
October 21—25

International Exhibition of Office Equipment, Data Processing and the Printing Trade.
For professionals only.

Organizers:
YERID HAMIZRAKH, Exhibitions Co. Ltd., P.O.B. 21075 Tel-Aviv, Israel.
Cables: INTERFAIR, TEL-AVIV.
Telex 03-2470 COIN IL 03-2471 NOTE IL.

KUPAT HOLIM,

THE HEALTH ORGANIZATION OF THE WORKERS OF ISRAEL, EXTENDS MEDICAL AID TO 72.0 PER CENT OF THE POPULATION

At the end of 1973, the population of Kupat Holim — members and dependants — numbered 2.250.000. Apart from members of the Histadrut, other workers' organizations (Hapoel Hamizrahi, Poalei Agudat Israel), soldiers families, families of our War of Independence invalids, social cases and Arab workers, are covered by the health services of Kupat Holim.

Clinics

Clinics are the basis of Kupat Holim activities. Their number has grown from 373 in 1948 to 1,110 at the end of 1973. This network of clinics is spread all over the country to its farthest corners.

Hospitals

Kupat Holim maintains 15 general and special hospitals with a total bed capacity of 3,923 — against 567 in 1948.

Convalescent and Rest Homes

16 Convalescent and Rest Homes with a total of 2,700 beds are partly owned and partly administered by Kupat Holim jointly with other public institutions.

Personnel

Kupat Holim employs a staff of 19,679 — of them 3,485 physicians and dentists, 6,678 nurses and workers in other professions (pharmacists, laboratory teechnicians, engineers, administrative and domestic workers).

Schooling and Training of Personnel
Physicians Postgraduate Courses

Kupat Holim maintains 6 schools for graduate nurses and 6 schools for practical nurses, courses for X-Ray technicians, physiotherapists, a pharmacists institute, seminars for administrative workers, for clinic clerks, professional libraries, etc.

Budget

The budget of Kupat Holim for 1973/74 reached 800 million Israeli Pounds.

Preventive Medicine

Kupat Holim maintains 217 mother-and-child centres all over the country. The Institution is also active in Health supervision in industrial enterprises, where first-aid services are given free of charge, and in Health education by means of a campaign over the wireless, lectures, distribution of printed material, etc. "Eitanim", the monthly magazine on public Health and Hygiene begins its 27th anniversary.

The Central Office is situated at 101, Arlosoroff St., Tel-Aviv, Tel. 262211.

MAGEN DAVID ADOM (RED SHIELD OF DAVID) ISRAEL

Magen David Adom (Red Shield of David) was founded in 1930 as a First-Aid Society, and among its many services, which are extended to all persons irrespective of race or creed, it was also a Medical Corps to the Hagana and then auxiliary to the Israel Medical Corps. M.D.A. is based on Volunteers and with the establishment of the State of Israel its services were recognized under a special law of the Knesset (Parliament) in July 1950. Under this Law, the objects of the Society are :

(a) To carry out the functions of a National Society.
(b) Functions of a National Society means functions assigned by the Geneva Conventions to National Red Cross Societies legally recognized and authorized by their Governments.
(c) To be an auxiliary service of the medical services of the Defence Army of Israel in time of war and to prepare for this in time of peace.
(d) To maintain for the benefit of the inhabitants generally, a collecting and supply service of blood, plasma, and their by-products.

Magen David Adom maintains 60 branches and numerous sub-branches throughout the country, many of which are located in border settlements and outposts, who have a fleet of 300 ambulances.

The M.D.A. First-aid Instruction Department gives hundreds of courses yearly to its volunteers and to people in all walks of life and the knowledge of this and mouth-to-mouth resuscitation has resulted in a great number of precious lives being saved.

M.D.A. Blood Services collect blood from donors and conserve this in the Col. David Marcus Fractionation and Plasma-drying Institute in Jaffa where fractionation of by-products and plasma is prepared.

The M.D.A. Emergency Department is responsible to carry out all necessary preparations for equipment and supplies, necessary for times of natural disaster, multiple accidents and in times of war.

Magen David Adom in Israel fulfills all the obligations of National Red Cross Societies in other countries,such as care of prisoners-of-war, family tracing and re-unions and relief dispatches to other countries in time of natural disasters.

60, Giborei Israel St., Tel-Aviv (Yad Elijahu); Tel. 36222.

KUPAT HOLIM, HEALTH INSURANCES (NATIONAL WORKERS)

This Sick Fund (in Hebrew: Kupat Holim Le-Ovdim Leumiim) was established in 1933 by the National Workers Organization, Histadrut Ovdim Leumit; but it is in fact an institution open to every Israeli citizen, irrespective which party he belongs. Among its members, Kupat Holim Leovdim Leumiim, have laborers, clerks, middle class and professionals from every walk of life. KHL is organized on the principle of free choice, every patient being allowed to go to the doctor of his own preference, whether at his home, or at the official polyclinics.

Nurses of KHL are sent at request to the patients home to take care of the ill in accordance with the doctor's provisions; whereas the doctors use to call the patient's home every time there is a need for it; the institution provides also all the drugs needed.

KHL renders its services in 113 branches, where a populace of over 250,000 people are taken care by the best physicians available. In addition to the dispensaries, the Sick Fund provides specialized services through a range of labs, X-Ray installations, institutions for electro-physiotherapy, rest-houses throughout the country.

The Central Office of the KHL is in Tel-Aviv, 23, Rehov Sprinzak; Phone: 250221 P.O.B. 2209.

KUPAT HOLIM MACCABI

WHAT IS Kupat Holim Maccabi? AND WHAT distinguishes it from other Sick Funds?

Kupat Holim Maccabi was founded in 1941 as an Ottoman Society, with the aim of rendering medical aid to its members. The Fund may not derive any profits from its activities and all its income is designated to the assurance and improvement of medical services for its members.

Kupat Holim Maccabi is not affiliated with any party or political body whatsoever, and any resident of the country, irrespective of his status, race, creed or nationality, may be admitted as a member.

What distinguishes Kupat Holim Maccabi from other sick funds in the country, are its operational methods according to which the member is free to choose his physician from the physicians' list; he is free to obtain the medicines prescribed for him by a physician of the Fund in any private pharmacy in the country; facilities with regard to examinations and X-ray treatments and arrangements to be examined at the physician's under conditions of a "private patient" in his private clinic, are liberally provided.

More than 250,000 persons are insured in Kupat Holim Maccabi, and its budget for the 1973/74 fiscal year amounts to 77 million IL. The Fund renders medical services in 85 branches throughout the country, and ovr 700 physicians of every speciality are at its disposal. In addition, the Fund maintains physio-therapeutical and electro-therapeutical institutes, X-ray institutes and laboratories.

Head Office: Tel Aviv, 10 Balfour Street. Tel. 614401.

Jerusalem Branch: 5 King George Street. Tel. 234611.

Northern Branch: Haifa, 55 Herzl Street. Tel. 663151.

HADASSAH

Founded in 1912 by Henrietta Szold, Hadassah has unfolded in this country an impressive series of humanitarian activities. Here is a brief chronology of the Hadassah Story.

1913 Beginning of district medical service in the Old City of Jerusalem.

1918 Hadassah-sponsored American Zionist Medical Unit reaches Palestine; opens hospitals in Jerusalem, Jaffa, Haifa, Safed and Tiberias, the Henrietta Szold Hadassah School of Nursing (Jerusalem) and the School Hygiene Department.

1921 First Mother and Child Health Station in the Old City.

1923 School Luncheons programme started.

1926 First T.B. ward opened in Safed.

1927 Initiation of Hadassah-Guggenheimer playgrounds programme. Opening of Straus Health Centre, Jerusalem.

1935 Hadassah recognised as official agent of Youth Aliyah in U.S.A.

1939 Opening of Medical Centre on Mount Scopus, Jerusalem.

1942 Opening of Alice Seligsberg Vocational High School, Jerusalem.

1944 Opening of Vocational Guidance Bureau, Jerusalem.

1944-45 Opening of Brandeis Vocational Training Centre, Jerusalem — Apprentice Schools of Printing and Fine Mechanics.

1948 Forced evacuation of Mount Scopus. Opening of three improvised hospitals during siege of Jerusalem.

1949 Opening of Hebrew University-Hadassah Medical School, Jerusalem. Rosh Ha'ayin Hospital for newly-arrived Yemenite children. Lasker Mental Hygiene and Child Guidance Centre, Jerusalem. Haim Yassky Negev Hospital, Beersheba.

1950 Hotel School and Fashion Institute established.

1952 Rural Vocational Centre "Neurim" opened at Kfar Vitkin with Youth Aliyah.

1953. Schools of dentistry and pharmacy opened with Hebrew University. Opening of Family and Community Health Centre, Kiryat Hayovel.

1961 HMO moves to new Medical Centre at En Kerem.
Medical course initiated for students from developing countries.

1962 Chagall windows installed at Medical Centre Synagogue.

1965 Dedication of new Medical School buildings at En Kerem.

1967 Liberation of Hadassah Hospital buildings on Mount Scopus by the army of Israel.

1969 Opening of the Edith and James Ross Building housing the School of Occupational Therapy and of the Hadassah Youth Centre in the Judith Ricklis Building on Mt. Scopus.

1969 Seligsberg and Brandeis amalgamated into the Hadassah Comprehensive High School Seligsberg/Brandeis.

1970 Opening of the Hadassah Community College in Jerusalem.

Institutions transferred to the Government and local authorities:

Hadassab Hospital, Tel-Aviv:
To the Tel-Aviv Municipality.

Hadassah Hospital, Haifa :
To the Haifa Municipality.

Hadassah Hospital, Safad :
To the Ministry of Health

Hadassah-Guggenheimer
Playgrounds and
School Luncheon Programmes :
To the Ministry of Education.

Hotel School :
To the Ministry of Labour.

Ma'abarot Youth Training
Programmes :
To the Ministry of Labour.

Meier Shfeya Youth Village :
To the Ministry of Education.

140 Mother and Child Care
Stations :
To the Ministry of Health
and the City of Jerusalem.

PRESENTED BY HADASSAH TO THE PEOPLE OF ISRAEL

Who's Who in Israel Business

THE MANUFACTURERS ASSOCIATION OF ISRAEL (MAI)

The Country's Leading Representative for Private Enterprise

The main objective of MAI, which in 1973 marked its 50th Anniversary, is to develop, expand an upgrade industry, its management and its technological know-how. It accomplishes this by maintaining an expert staff, divided according to industrial branches and functions, which provides its members with up-to-date information, guidance and specific assistance in the fields of finance, commerce, personnel and production. Virtually all of the country's privately owned industrial enterprises, employing 10 persons or more, are members of MAI.

As the only representative of private enterprise in industry and the leading spokesman of the business community in all major negotiations with labour and government, MAI has become a major force in the Israel economy. As such it is also the best address in Israel for local and foreign businessmen seeking to invest in or do business with industry.

The Manufacturers Association of Israel is presided over by Mr. Mark Mosevics, one of the country's leading industrialists. Another noted industrialist, Mr. Avraham Shavit, serves as Vice-President. Directing MAI's day-to-day activities is its Director General, a former leading Air Force Officer, Col. (Res.) Peleg Tamir.

HEAD OFFICE :

TEL AVIV, 13 Montefiore St.; Tel. 55261 ; P.O.B. 29116;

Cables : Palmanuf Telaviv

BRANCH OFFICES :

Jerusalem, 12 Harav Cook St.; Tel. 22749

Haifa, 8 Hane'emanim St.; Tel. 524202

THE FEDERATION OF CONTRACTORS AND BUILDERS IN ISRAEL

Founded in 1949, the Federation comprises about 1650 members organised in 18 local contractors' branches all over Israel, with Head Offices in Tel Aviv. Members of the Federation include both contractors and home builders. Nationally, the Federation represents the private building industry and deals with overall policy regarding taxation, finance and labour relations. In order to assist members of the affiliate branches, the Federation has founded economic institutions that help finance building programs:

MORTGAGE AND INVESTMENT BANK FOR BUILDING IN ISRAEL LTD. a joint establishment, with Klal Investment Corp. and Bank Hapoalim Ltd. with an authorised share capital of IL. 10 Million. The bank's task is to grant mortgage loans on commercial terms.

CONTRACTORS' FUND founded in 1953 whose function is to give short-term interim credits and to issue guarantees.

THE ECONOMIC CORPORATION whose main functions are acquisition and development of lands, promoting automation in the building industry and bulk buying of building materials.

Among its many field of activity the Federation is engaged in helping raise the vocational level of the building industry. In cooperation with the Haifa Technion it is instrumental in granting scholarships to students of civil engineering and architecture. Throughout the years of its existence, the Federation has safeguarded the interests of the private building industry. Thousands of projects and housing estates all over Israel are proof of the organized strength of the private building industry, exclusively represented by the Federation.
The Federation reports all innovations to the contractors and builders through its organ "HAKABLAN VEHABONE", which achieved an excellent reputation in the circles of the industry, and publishes a statistical periodical.

Head Office: 18 Mikveh Israel St., Tel-Aviv; Tel. 614701-3.

HISTADRUT HAOVDIM HALEUMIT (NATIONAL LABOUR FEDERATION)

The Histadrut Haovdim Haleumit, or the National Labour Federation (N.L.F.) is a non-marxist trade union organization, founded in 1934.

The N.L.F. supports the right of free professional organization and opposes unification of all trade unions in a single national federation;

It supports the principle of compulsory national arbitration of all labour disputes and opposes the concept of class struggles;

It opposes the establishment and ownership of economic enterprises by trade unions, ment, while favouring, however, cooperative enterprise by workers;

It supports the transformation of health insurance into a state service.

The N.L.F. observes Labour Day on the death anniversary of Dr. Th. Herzl, flies only the blue-white flag and its sole hymn is the national anthem.

Among N.L.F. social service institutions: Kupat Holim Leovdim Leumiim — the Sick Fund which provides medical care and services for more than 280,000 persons in 110 branches it maintains all over the country;

The Sela Housing Company Ltd.;
The "Brion" Company Ltd. — operating vacation and recreation centres, and convalescent homes;

Hanoar Haoved Vehalomed Haleumi — the N.L.F. Youth Organisation;

Kupat Amal — a mutual aid fund; Insurance Fund for Building and Agricultural Workers; Leagues of Friends Abroad.

Publications: "Hazit Ha'Oved" and "Lapid" Offices: 23, Sprintzak St., Tel-Aviv, P.O.B. 618, Tel. 258351.

HA'IHUD HA'HAKLAI

The Purpose of Ha'Ihud Ha'Haklai is to provide an independent organizational framework for farmers working their own family farm-steads, to assist them in establishing and consolidating their farmsteads, to help organize the village's economic and social life and to maintain for them efficient local institutions. Israel Agriculture's main function, in the view of the Ha'Ihud Ha'Haklai, is to provide food for the country, to help bridge the nation's payments balance gap by properly using the country's special climatic conditions favorizing exports, and also to provide a livelihood for many thousands of families. The agricultural settlements are an healthy and productive Israeli society. In the view of this Organisation, no single way leads to this, therefore they reject the usual doctrinal approach in solving these problems; and by being independent of any political affiliation, I.H. differs from all other farmers' movements.

The Ha'Ihud Ha'Haklai is trying to achieve four esesntial aims: "large output, efficient production, exports, and fostering of progressive human and social ideas in the village's life."

"In order to succeed, we must be alert to changing patterns in the technological, scientific, demographic and social aspects of our national life. These changes have produced a situation, wherein family farming has reached a crucial stage. The family farmstead is restricted in its producing capacity, as it is in its land resources.

Then, there are those other developments we have been witnessing: social unrest, a revolt against accepted values throughout the Moshavim Movements; new settlers and youngsters are no longer ready to accept blindly ideas of former years; and many in the Moshavim Movements wish to impose their will by legislative means.

The family farmstead will fulfill its purpose as a social and economic factor if it learns how to become more efficient by a greater concentration of the means of production in the hands of farming families.

In the establishment of new settlements, a smaller number of economically sound villages should be preferred to a larger number of villages, but with less means of production at the disposal of the individual farm. In existing villages, farm units could be enlarged by a merger of existing farms with vacant units."

To the Ha'Ihud Ha'Haklai belong for the time being, 56 settlements, as follows:

15 settlements of the middle-class, established prior to the State; 15 settlements of the middle-class, established subsequent to the State; 4 expansions of veteran Galilee villages; 6 settlements in the Negev, 4 farming roof organisations: "Agraoth"; 6 settlements in the Jerusalem Mountain and Ramle regions; 2 settlements in Arava, 2 settlements in Jordan Valley.

The settlements of the Ha'Ihud Ha'Haklai comprise: a population of 15,000 persons; over 3,500 farming families owning farmsteads, hundreds of professionally-skilled family groups, performers of various services, etc.; about 100,000 dunam of land; more than IL. 100 million worth of farm product turnover per annum.

The following institutions are connected and affiliated to the Ha'Ihud Ha'Haklai:

"Mifalei Haichud Hahaklai", the central body of the various economic enterprises; **Tenne,** Central Cooperative for Marketing of Agricultural Produce Society; **Haspaka,** the Central Supply Cooperation for Farmers; The Private Agricultural **Fund; "Bachan"** Audit Union of Agricultural Cooperative Societies; **"Amit" Ltd.** — Providential Society; The Association of **Poultry Farmers;** The Organization of **Private Vegetable Growers; "Hameshek Hahaklai"** — Monthly Journal; **"Oz"** Insurance Cooperative Society; The Purchasing Organisation of the Settlements of the Ha'Ihud Ha'Haklai; The Purchasing Organisation of the Gederoth Farmers.

Head Office, 20 Tchlenov St., Tel-Aviv; Tel. 823775, 823045.

UNION OF ARTISANS AND SMALL MANUFACTURERS IN ISRAEL

This body is a professional association of owners of workshops and private industries. It unites 19,000 enterprises in 35 branches throughout the country in a variety of fields, among them metal, textile, wood, leather, building, and services.

Through its branches the Union offers its members the following services:

- Personal service in all problems connected with the member's enterprise;
- General attention to the problems of the specific branch through committees chosen by that branch's secretary;
- Departments for handling income tax;
- Departments for legal advice ;
- Departments for advice on labour relations;
- Advice and help in insurance matters,
- Guidance and counseling about exports,
- Representation to government and municipal institutions;
- Credit and all other banking matters through the Bank Le'M'lacha Ltd.;
- „Security" Pension Fund;
- Independant building companies which build workshops ;
- Cultural activities.

The Union's national headquarters deals with subjects of a more general nature and matters of principle, such as :

- Representation to and contacts with governmental, public and municipal institutions ;
- Legislative matters;
- Establishment of economic institutions;
- Activities to further the development of the crafts and light industry.

Chairman: Mr. Yacob Frank.
Secretary General, Mr. Pinchas Schwartz.
Office : 16 Merkaz Ba'alei Melacha, P.O.B. 4041, Tel-Aviv 61-040; Tel. 294211.

FARMERS' FEDERATION OF ISRAEL



The Farmer's Federation of Israel (in Hebrew: Hitachduth Ha'ikarim Be-Israel was founded in 1903, with the purpose of promoting private farming and to defend the legitimate interests of its many members, mostly from the various pioneering private settlements in Israel.
The main branches through which the Federation operates are : Land Settlement; Agrotechnics; Husbandry; Labour; Organization and Taxation.

The Federation represents :
42 Colonies and Settlements
80 Agricultural Cooperative Societies
11 Transport Cooperative Societies,

Other sections and segments are :

- Citrus Growers' Section
- Horticultural Growers' Section
- Wine Growers' Association
- Vegetables Growers' Association
- Cotton Growers' Association
- Poultry Breeders' Association

Linked with the Federation are :

- Pardess Syndicate Co. Ltd.
- Wine Growers' Coop.
- Pardess Hanna Agricultural Secondary School
- Farmers' Fund Ltd.
- Amir and Amir-Biaf Supply and Marketing Companies Ltd.
- Sa-Sa General Transport Co. Ltd.
- Tara Milk Marketing Co. Ltd.
- Ha'ikar, Audit Union of Agricultural Cooperative Societies Ltd.

President : Mr. Zvi Isakson.
Vice-President and Chairman of the Board of Directors : Mr. Aharon Frank;
Director General : Mr. Itzhak Ziv-Av.

Offices : Farmers' House, 8 Kaplan St., Tel-Aviv, P.O.B. 209; Tel. 252227.

ASSOCIATION OF ENGINEERS AND ARCHITECTS IN ISRAEL

The Association of Engineers and Architects in Israel was founded in 1921 by a small group of engineers and architects. It numbers now about 7000 members, organized in professional sections of Architecture and Planning, Civil, Mechanical, Electrical, Hydraulic, Municipal and Chemical Engineering. The Headquarters of the Association are located in Tel-Aviv at the "Engineers' House", a building owned by the Association and housing its various institutions. In 1960 an "Engineers' House" was erected in Haifa, and 1964 another "Engineers' House" was opened in Jerusalem.

The range of activities of the A.E.A.I. is notably wide. During its years of existence, the Association has initiated numerous activities and founded a number of institutions. These include :

1. **The Standards Institution of Israel,** which has developed from a modest laboratory for the testing of building materials to the national institution recognized by the Government of Israel.

2. **The Productivity Institute,** initiated and set up in 1949 by the Association in cooperation with the General Federation of Labour, the Manufacturers Association of Israel and the Scientific Council. With the far-reaching expansion of its activities, the Institute was taken over in 1952 by the Ministry of Labour, but is still directed by a public board on which the Association is represented.

3. **The Building and Technological Research Institute,** founded in 1948 with the object of conducting research to improve building and industrial methods.

4. **The Engineering Council,** founded in 1960, with the object of studying public policy, including economic considerations, with regard to technological projects and development.

5. **The A.E.A.I. Library,** containing about 25,000 volumes and subscribing to some 500 professional periodicals. The library is being widely used by the members of the Association as well as by industrial and engineering enterprises and institutions.

6. **The Middot Publishing Company,** initiated by the Association and run jointly with Government Departments and the Labour Federation, publishes technical books for engineers, technicians and trade school students.

7. **The Central Competitions Committee,** set up about 35 years ago, directs public competitions for building and town planning projects.

8. **Registration of Engineers and Architects.** The law regulating the exercise of the profession was initiated by the Association and passed by the Knesset.

9. **"Engineers' Club".** Weekly luncheon meetings of the Club provide a platform from which ministers of the State, heads of government and public institutions and leading members of the engineering profession review activities and programmes of their ministries and institutions.

10. **The Building Centre,** established in 1962 at the "Engineers' House" in Haifa, and lately taken over by the Ministry of Housing, contains a permanent exhibition of building materials and engineering products, together with exhibits demonstrating their use. The Centre publishes current Documentation Bulletins and News of Building and Architecture in the publications of the Association and answers requests for information by professionals and by industrial plants. It arranges monthly symposia on technical subjects

11. **International Technical Cooperation Centre.** At the First World Congress of Engineers and Architects in Israel, convened by the Association in December 1967, the International Technical Cooperation Centre (I.T.C.C.) for furthering technological advancement in underdeveloped countries was established. Its Executive Council is composed of professionals from developed and developing countries. The headquarters of this new international body are situated at the Association's offices in Tel-Aviv.

12. The Association issues a bi-monthly Journal of the Association "Handasa W'Adrikalut" (Engineering and Architecture), published in Hebrew, with English synopses; a monthly bulletin in Hebrew ,providing members with current information, and "Technical Progress in Israel", a monthly bulletin in English mailed to all Overseas Members.

Offices: Beit Hamehandes, 200, Dizengoff St., Tel-Aviv, Tel. 220122.

ACUM AUTHORS', COMPOSERS' AND MUSIC PUBLISHERS' SOCIETY

Acum (Societé d'Auteurs, Compositeurs et Editeurs de Musique en Israel) — an organization comprising writers, composers, authors & publishers of music, was established as an association in 1935; since 1941 it is a limited company, whose aim consists of looking after the legal, financial & moral authors' rights of its membership.

Acum is since 1949 a member of the Confederation Internationale des Societés d'Auteurs et Compositeurs. Today, Acum has affiliations and reciprocal contracts with almost every similar society all over the world, whose specific concern are the performing, mechanical, dramatic and literary rights of its members.

Acum safeguards the rights of its 900 members., & those of affiliated foreign societies members, by: collecting royalties due to them for the use of their musical and literary works in public performances, mechanical reproductions, reprinting, etc.; fighting copyright infringements, by taking legal action; being on the look-out to prevent the exploitation of the rights its members are entitled to by law.

The main offices of Acum are situated at Acum-House, 118 Rothschild Blvd., Tel-Aviv; P.O.B. 11201; Tel. 240105/6.

STANDARDS INSTITUTION OF ISRAEL (SII)

History: This Institution was founded in 1923 by the Association of Engineers and Architects in Eretz-Israel as a Materials Laboratory.

In 1945, before the establishment of the State, it became the Standards Institution of Palestine.

In 1953, the Institution was re-established by an Act of the Knesset (Standards Law) as a statuary body under its present name.

Aim: To foster the standardization of goods and processes and the improvement of their quality through publication of standard specifications, testing of materials and products, introduction of quality control methods in industry, supervision of the production of goods licensed to bear the Standards Mark, and related research.

Governing Body: A General Council composed of representatives of government ministries, scientific and professional institutions, institutions of higher learning, municipal authorities, industry, trade, commerce, and consumers.

Staff: A total of 450, of whom over 75 are graduate engineers.

Departments and Activities:

1. **Standardization** — preparing and publishing Israel Standards as approved by public standardization committees, and maintaining a library of standards from about 50 countries.
2. **Building** — maintaining laboratories for the testing of building materials and for soil and road engineering.
3. **Electricity** — maintaining laboratories for testing electrical and electronic appliances.
4. **Mechanics** — maintaining laboratories for metrology, metallography, mechanical testing, acoustics, non-destructive testing, and testing oil, gas and water fixtures.
5. **Technology** — maintaining chemical, food, plastics and textile laboratories.
6. **Quality Control** — promoting industrial quality control methods. A considerable part of the activities is related to certification of goods produced for export.

Branches: In Jerusalem and Beer-Sheva.

Professional Relations: The Institution is affiliated to ISO (The International Organization for Standardization) and to IEC (The International Electrotechnical Commission).

Affiliated Body: The Institution maintains, together with the Water Commissioner of the Government, The Israel Centre for Water Appliances.

Tel-Aviv, Ramat-Aviv, 42, University St., Tel. 413151.

THE ISRAEL INSTITUTE OF PRODUCTIVITY

The Israel Institute of Productivity was established with the aim of increasing productivity in the Israeli economy. The Institute's activities include research, method improvement, training and consultancy in industry, agriculture, building and services.

The Institute is governed by a Board of Directors composed of representatives of the Histadrut (General Federation of Labour), the Israel Manufacturers' Association, the Ministry of Labour, the Ministry of Commerce and Industry, the Ministry of Finance, the Israel Institute of Technology and the Association of Engineers and Architects.

For 20 years the Institute with its staff of trained engineers, economists, business administration graduates, technicians and others, has been concerned with the optimization of resources, raising output and improving marketing and profitability in Israeli enterprises.

The Institute serves as a port of entry for management concepts and techniques. It has been instrumental in diffusions of techniques such as automation, work study, production control, standard costing, incentive pay schemes and quality control. The improvement achieved through the Institute's activity is of great significance.

The training activities of the Institute encompassed over 80,000 persons; in these activities the Institute developed specialized approaches to Business Strategy, Policy and Management Control Systems.

The Institute and its subsidiaries employ some 300 full time professionals, and some 500 more are connected with the Institute on a part time basis as lecturers or research and consulting experts on contract basis.

The Director of the Institute is Mr. **Israel Meidan.**

Head Office & Tel Aviv Branch : Tel-Aviv, 4 Szold St., P.O.B. 33010; Tel. 25-31-31.
Jerusalem Branch: 30 Jaffa Road; Tel.-2-90-66.
Haifa Branch: 82 Haatzmauth Road; Tel. 66-3-88; 67-635.

Beer-Sheba Branch : "Beit Yatziv"; 7 Haatzmauth; Tel. 42--54.

NATIONAL COUNCIL FOR PREVENTION OF ACCIDENTS

The National Council for the Prevention of Accidents was founded in 1954 as a public non-governmental association.

Its primary aim is to explain to the public the dangers inherent in traffic and to train and educate the citizens in safe conduct while on the road.

The following are the main activities to this end:

Safe Driver Competition

Some 130.000 motorists (about 1/3 of the effective driving population) both private and professional take part in this contest, running now for the 25th year. A Safe Driver Award and valuable prizes are given to drivers who were not involved in a preventable accident nor in a moving traffic violation, during a calendar year.

School Safety Patrols

Approximately 45.000 6th graders are being trained yearly by the police in road safety and patrol duties in most elementary schools. Since the establishment of school patrols some 20 years ago, accidents on the way to school have been almost totally eliminated.

Voluntary Traffic Observers

Over 3.000 volunteers of blameless driving record report to the Council on serious traffic violations on the part of other drivers and on technical impediments on the roads. Warning letters are being sent to traffic violators, while reports on road obstacles are being passed on to the appropriate authorities for remedial action.

Defensive Driver Courses

Based on U.S. example, an 18 hour course was developed, the main topics being defensive driving and preventive maintenance. About 10.000 drivers yearly take this course voluntarily and an additional 5.000 within the frame of the demerit-point scheme.

Promulgation of Traffic Regulations

An up-to-date illustrated booklet, containing a popular version of Traffic Regulations is being printed every 4—5 years in 1/4 million

copies and mailed to most vehicle owners and professional drivers in Israel. A similar quantity of **Traffic Rules for Cyclists** is being distributed through schools and municipal licencing offices.
A summary of the most important traffic regulations in English and French is being distributed to tourists and foreign residents.

Pre-winter Vehicle Check
With the onset of the rain season vehicle owners are being offered a free road-worthiness check in all vehicle repair shops in Israel, during the month of November. At the same time extensive vehicle inspections are carried out on the road by the police. A large part of owners avail themselves of the opportunity to have their vehicles tested as witnessed by the winter-check window-stockers, displayed on most vehicles.

Vacation Safety
To counter the seasonal increases of child accidents during school vacations, the National Council activates scores of temporary play-grounds in most towns throughout the country. Children are being encouraged with gratifying results, to frequent the safe playgrounds and to refrain from playing in the streets.

Pedestrian Safety
Pedestrians are being instructed in safe walking and crossing practices by youth and adult volunteers throughout Israel. Safety talks are being held in schools and homes for the aged, in synagogues after the prayer, in various clubs and before cinema performances. Leaflets are being distributed by school-patrols in the streets and in homes. Safety films are being shown on T/V and in public gardens and squares.

Cyclist Safety
The National Council takes steps to ensure satisfactory condition and equipment of bicycles at the yearly licence renewal. Reflectorized stripes are issued free of charge, together with booklets on safe riding and maintenance. The Council operates also a Proficient Cyclist Scheme with the help of police instructors in elementary schools.

Mass-Media Publicity
An intensive road safety publicity is being carried out daily through all mass-communication channels, by means of T/V films, a daily program and slogans in the radio, short features in cinemas, articles and advertisements in the press, posters, handbills, etc. This activity, geared to a central topic and adapted to various roadusers, accident causes, seasons, etc., is carried out jointly with the Ministry of Transport.
The National Safety Council operates under the distinguished patronage of the President of State. It maintains 40 branches in towns and cities through the country.
Chairman of the Council's Executive Committee is Judge H.S. Lowenberg. Its Executive Secretary is Mr. Nathan Tel-Nir.
Offices: 9 Fichman St., P.O.B. 17177, Tel-Aviv; Tel. 415152.

INSTITUTE FOR SAFETY AND HYGIENE

The Institute for Safety and Hygiene is a joint public and governmental venture whose objective, as defined by a special Labor Control Bill, is to promote and enhance labor safety and professional hygiene. The Institute unfolds wide educational activities, prepares and publishes research work, helps in training and organizing special Safety Trustees, promotes the appointment of special Safety Committees and collaborates in every way with the organs of the Ministry of Labour in charge of these problems.

As for training activities, it is worthwhile to mention the organization of special "Safety Days", or "Safety Evenings", designed to spread knowledge concerning safety among the special trustees in charge of safety at their jobs, or among foremen in general; this includes also safety lectures at factories and other work-centers. The educational activity comprises various publications, a Hebrew Monthly, an Arabic Bi-Monthly, professional booklets, and printed regulations as well as propaganda posters. The Institute published also, on behalf of the International Labor Organization (I.L.O.) a Class-Book named "Prevention of Work-Accidents".

A large-scale educational venture constitutes the "Safety Month", which is an opportunity

to foster the consciousness of safety, among the large masses of the people. The "Safety Month" is a drive which penetrates into every workshop, factory, or any other working place where safety is to be headed. This drive includes also the competition of the "Josefthal Prize". Another Award is the "Minister's Shield", which is passing hands from year to year; in 1972, more than 500 enterprises have taken part in these competitions. The Institute grants prizes in a total amount of IL. 50,000 yearly. The Institute is largely helped by a Committee of Friends, which is very helpful in the campaign against work accidents.

A new department recently established, the Dept. of Research & Development, is dealing with the following subjects:

1. Carrying out of Surveys at the invitation of interested industrial enterprises; 2. Planning and manufacturing of various new safety devices; 3. Research in related fields; 4. Consulting; 5. Gathering of General data.

Another department, established lately in co-operation with the Ministry of Education and Culture, deals with safety problems in schools, kindergartens, colleges, etc.
President of the Management of the Institute is the Minister of Labour.

Director General, Mr. Naphtaly Amidan. Office: 22, Maze St., Tel-Aviv, Tel 624494-5. Branches in: Jerusalem, Haifa, Beer Sheba.

THE ASSOCIATION OF THE DEAF AND MUTE IN ISRAEL

The Deaf & Mute Association, founded on June 4, 1944, is recognized by the Ministry of Social Welfare and acts under its supervision and the management of a central committee of deaf — which is elected every four years. It also works hand in hand with a public committee, headed by Dr. Israel Katz, Head of Gerontology and Social Development Institute. The Association is financed by means of public donations.

Over the years, the Association's activities have expanded all over the country. Today there are in addition to Tel-Aviv, eight more branches: in Beersheba, Haifa, Jerusalem, Ashkelon, Natania, Dimona, Nazaret, Ashdod.

The Association's aims are as follows:

- Organizing all the Deaf & Mute.
- Protection of the Deaf & Mute citizens rights.
- Cultural, sport and social activities among the Deaf & Mute.
- Handling social classes for youth and adults — including the teaching of Hebrew and English.
- Publication of the Demama Journal.
- Professional training.
- Social help and rehabilitation.
- Helping the new immigrants to become acclimatized.
- Mutual welfare and charity fund.
- Youth activities.
- Connections with Deaf & Mute the world over (through the world Federation of the Deaf, Rome).

Since 1959, trade courses have been organized in co-operation with the Ministries of Labor, Welfare, Education, Health and the Jewish Agency (in cycles of two years each).

A four year vocational High School was initiated by the Association of Deaf & Mute and was put into effect with the co-operation of ORT, Ministry of Education & Department for Education of Tel Aviv. The first cycle has already graduated and entered the labour market.

This is a tremendous achievement.

The Association is engaged in two surveys: One is about Rehabilitation possibilities, the other is about sign language in Israel; the second survey is being carried out by the Hebrew University.

Helen Keller Home, 13 Yad Lebanim, Tel-Aviv; P.O.B. 9001; phone: 31526, 31181.

ASSOCIATION FOR WELFARE OF SOLDIERS IN ISRAEL (HA'AGUDA LEMAAN HACHAYAL)

Haaguda Lemaan Hachayal (Association for Welfare of Soldiers in Israel) is an organization which was born with the State of Israel, and whose aim is to bring recreational, cultural, social, educational and entertainment facilities to the men and women serving in Israel's Defence Forces. The Chairman of the Association is Maj. Gen. (Res.) Yaacov Peri.

Throughout the country, Haaguda Lemaan Hachayal maintains clubs, hostels, restaurants, recreation and educational centres. In the last few years it has also established holiday resort centres along the Mediterranean coast, where fighting units spend organized holiday leave. Throughout the summer months such units visit these centres in relays.

The faithful band of voluntary workers in Israel, the public as a whole, as well as the support from friends abroad, make it possible for Haaguda Lemaan Hachayal to expand its programme of activities throughout the country, wherever soldiers are stationed.

Haaguda Lemaan Hachayal numbers among its most loyal supporters its brother organization in Mexico, its friends in Belgium, France, U.K., U.S.A., Canada, South Africa and in the Argentine.

Head Office : 8 Ha'arbaa Street, Tel-Aviv. Tel.: 262291.

HENRIETTA SZOLD INSTITUTE - NATIONAL INSTITUTE FOR RESEARCH IN THE BEHAVIORAL SCIENCES

When Henrietta Szold died in 1945, the Child and Youth Welfare Organization, which she founded in 1941 to coordinate the activities of public and voluntary child and youth services, was renamed in honor of her memory. In 1960, the Szold Institute became the National Institute for Research in the Behavioral Sciences. Recognized as the research arm of the Jewish Agency, the Institute is autonomous and undertakes research projects for such agencies as the U.S. Department of Health, Education and Welfare, The Ford Foundation and UNICEF of UNESCO.

The major activities are :

- Research projects, surveys, studies and experiments in the field of human behavior with special emphasis on children and youth.
- Advising and counselling government ministries and agencies.
- Stimulating new activities in the fields of mental health, community development, social welfare and education.
- Publishing Israel's behavioral sciences journal, MEGAMOT, and reports concerning the Institute's various fields of research.

The permanent research staff of thirty is augmented by part-time investigators from Israel and abroad.

The Institute's interdisciplinary approach to research encompasses the fields of : psychology (educational, developmental, social, clinical); psychometrics; economics; criminology; demography ; anthropology; sociology and public health.

The Board of Directors consists of members from the Ministries of Education and Culture, Health and Social Welfare; The Women's Zionist Organization of America (Hadassah); The Jewish Agency's Youth Immigration Department (Aliyat Hanoar); and various public organizations. Dr. Chanan Rapaport is Director of the Institute.

Offices : Ruth Bressler Center for Research in Education, 9, Columbia St., Kiryat Menachem, Jerusalem, Tel. 62401.

WORLD INSTITUTE

The World Institute is based on an idea developed in 1941 by Mr. Julius Stulman, an American businessman and theoretician. In 1971, with the support of the Israel Government, he set up the World Institute in Jerusalem, to undertake research on an interdisciplinary basis in projects important to Israel, which also have implications for developing countries generally. A special feature of the work of the Institute is the requirement that research staff should identify themselves full-time with their projects and maintain regular contact with decision-makers in the fields of which the projects have direct impact. The present Managing Director is Mr. Israel Gal-Edd.
The following projects were in hand in 1973:

■ **Cargo City International** — (Project Leader Mr. Erol Haker)
A feasibility study leading to the establishment of a modern version of a free trade area based on container and information technology, and integrating within its premises assembly line processes, distribution, storage and marketing functions, particularly aimed at helping developing-cuontries in their trade relations with the Western world. The first report has been submitted to the interested agencies.

■ **Social Welfare Policy** — (Project Leader Dr. Joseph Ben-Or)
Identifying and evaluating Israel's social welfare policy goals.
Proposing goals for the 1970's based on several different defence and immigration assumptions.
Methods to achieve these goals.
Suggesting new goals for welfare policy and analysing possible methods of achieving them.

■ **Housing** — (Project Leader Prof. Samuel Aroni; Deputy Project Leader Mr. Zwi Greenwald)
Systems analysis of housing and building in Israel, including formulating a conceptual model of the housing system.
Analysing demand for housing, with particular reference to the implications of immigration on housing demand and the housing of special groups such as the deprived and the aged.
Deducing derived demand from inputs; financial institutions and policies — technology — management methods — communication of information.

■ **Israel Government Budgetary System** — (Project Leader Dr. David Klein)
Building a macro-econometric model to evaluate the impact of fiscal instruments on real GNP, price level, balance of payments and employment, taking into account external constraints.

■ **Industrial Development Incentives** — (Project Leaders Mr. Israel Gal-Edd and Mr. Haim Roet).
Defining goals and criteria for industrial development.
Analysing and suggesting incentives to achieve these goals.

■ **Sensitivity of Israel Industry to a Free Trade Arrangement with the Common Market** — (Project Leader Mr. Benjamin Toren)

Analysing Israel's industry in the light of its ability to meet free competition of European exporters to Israel; and the benefits it would drive from free entry of its products into Europe. The first report, indicating which areas are particularly sensitive, was submitted to the Ministry of Commerce and Industry in preparation for the Israel—EEC negotiations in the summer of 1973.

■ **Information Centre** — (Prjoect Leader Mr. David A. Caplin)
The Institute is developing an Information Centre on the subjects in which it specialises. It is setting up a system of recording and retrieval of the current research findings, together with information from other relevant sources (Project Leader Mr. David Caplin).

In addition to these projects, the Institute has, with the help of Mr. Stulman, made contact with scientists abroad and in Israel working on solar energy, oceanography and educational technology, with view to entering projects in these fields for the benefit of developing countries.

The Board of Directors is composed of:
President: Mr. Julius Stulman; Vice-President: Mr. Arnon Gafni (Director of the Budget Division, Israel Ministry of Finance); Managing Director: Mr. Israel Gal-Edd; Other Directors: Mr. Yehuda Gil (Managing Director, IDBI Investment Company Ltd., and the Industrial Finance Corp. Ltd.); Prof. Joseph Gillis (Prof. of Mathematics and Science Teaching, and Director, Institute for Science Teaching, Weizmann Institute of Science, Rehovot); Prof. Alexander Keynan (Director, Authority for Research and Development, Hebrew University Jerusalem); Mr. Yaakov Salman (Director, Government Companies Authority, Israel Ministry of Finance); Mr. Stephen Stulman (Vice-President, Weizmann Institute of Science).

The Institute employs a permanent staff of four people (with secretarial assistance) and 50 full-time research staff working on specific projects. The Institute disposes of an annual research budget of $ 500.000.

19A Keren Hayesod St., Jerusalem 94188; Tel. 233461.

GERMAN CULTURAL CENTRE

EMBASSY OF THE FEDERAL REPUBLIC OF GERMANY

19 Kikar Malchei Israel, Tel Aviv, Tel. 239-036

Opening hours: Monday to Friday 9—1 p.m.

Monday to Thursday 3—7 p.m.

The Cultural Centre of the Embassy of the Federal Republic of Germany in Tel Aviv is among the many German cultural institutions throughout the world subordinated to the Secretary of Foreign Affairs. Its main task is information on cultural activities in the Federal Republic of Germany and an exchange of views with the host-country.

Activities

1. Lectures by German and Israeli scientists, by leading public personalities and readings by modern German authors on following subjects: Sociology, history, pedagogics, psychology, literature, arts, economics, natural sciences.

2. "Youth-Circle" giving the Israeli youth the chance to listen regularly to lectures held on modern subjects in Hebrew and English, to see movies (especially criticism on society) and to meet German youth groups for talks.

3. German language courses for beginners and advanced pupils using the latest audio-visual and audio-lingual teaching methods. Three month-courses are given daily mornings, afternoons and evenings in spring, summer and winter.

4. Feature and documentary film-showings every Tuesday.

5. Research-Seminars in contemporary German literature, language and German television-films.

6. Stereophonic concerts and radio plays.

Associated to the Cultural Centre is: HIRSCH LIBRARY, 94 Keren Kayemet Blvd., Tel Aviv, Tel. 231-370.

Opening hours: Monday to Friday 10—12.30 p.m., Monday to Thursday 4—7 p.m.

The Library services including the loan of books are free of charge. 15,000 volumes: Literature, history, politics, sociology, judaism, theology, philosophy, pedagogics, psychology, arts, hobby, youth-books, natural sciences encyclopedias, in German, English and Hebrew.

German daily, weekly and monthly newspapers, technical journals.

TON — STUDIO: Stereophonics, records.

BANK OF ISRAEL

Israel's central bank, was brought into being by the Bank of Israel Law 1954, and began to operate in December of that year. Till then, part of its functions had been carried out by other agencies.

The Law endows the Bank with authority to implement the State's monetary policy: "to administer, regulate and direct the currency system and to regulate and direct the credit and banking system in Israel in accordance with the economic policy of the Government, and the provisions of this Law, with a view to promoting by monetary means (a) the stabilization of the currency in and outside Israel, and (b) a high level of production, employment, national income and capital investments in Israel".

To achieve its statutory objectives, the Bank has assumed the duties which are generally associated with central banks, the most important being :

1. Issuing currency: all notes and coins constituting legal tender in Israel are issued by the Bank of Israel.
2. Administrating monetary and credit policies within the compass of the Government's general economic policy.
3. Controlling the banking system, with a view to ensuring compliance with the law and safeguarding the interests of depositors.
4. Acting as banker and fiscal agent to the Government, administering the Government's deposits and borrowings, handling the Government's banking business and administering State Loans.
5. Undertaking open-market operations.
6. Administering clearing arrangements with States with which Israel has trade and payment agreements.
7. Engaging in economic research and publishing some of the results of it in the form of reports to the Government, the Knesset (Parliament) Finance Committee and the public: notably the annual report, which describes Israel's economic development year by year.
8. Managing Israel's gold and foreign exchange reserves with a view to achieving maximum security and the highest possible return.
9. Representing the State in international financial institutions in which it is a member, such as the International Monetary Fund and World Bank.

The Bank is headed by a Governor, who, by virtue of the Law, also acts as economic adviser to the Government. The Bank's first Governor was Mr. D. Horowitz, who ended his term of office on November 1, 1971. The Governor of the Bank since then is Mr. Moshe Sanbar. The Governor is couselled by an Advisory Council and an Advisory Committee, composed as follows :

Advisory Committee : D. Horowitz, Chairman; Ch.M. Basok; E. Efraith; E. Jaffeth; J. Levinson; Z. Susayeff; H. Zadok.

Advisory Council : D. Horowitz, Chairman; Y. Bader; H. Barkai; Ch.M. Basok; A. Becker; E. Efrath; N. Feingold; E. Jaffeth; J. Levinson; M. Olenik; Z. Onn; E. Ostashinsky; D. Recanati; Z. Susayeff; H. Zadok.
P.O.B. 780, Jerusalem.

The editorial board of

WHO'S WHO IN ISRAEL

(including Jewish notables engaged in pro-Israeli activity all over the world)

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BANK LEUMI LE-ISRAEL B.M.



Israel's first and largest banking group, with head offices in Tel-Aviv and 262 branches in Israel, banking subsidiaries in New York (Bank Leumi Trust Company of New York, Branches in Nassau); in London (Anglo-Israel Bank Ltd.); in France (Bank Leumi Le-Israel (France) S.A., Paris); in Switzerland (Cifico-Leumi Bank Zurich and Geneva); in Belgium (Luxinvest SA., Brussels) and representative offices in Frankfurt, Buenos Aires, Sao Paulo, Panama, Caracas, Hong Kong and Johannesburg.

At December 31, 1972, the Bank's Capital and open Reserves were IL. 210,299,000 exclusive of Convertible Capital Notes IL. 55 million. Total deposits at that date were IL. 9,673 million and the Balance Sheet Total IL. 11,349 million.

The Bank has a number of significant subsidiaries in Israel including Union Bank of Israel Ltd., which is Israel's fourth largest commercial bank (total assets IL. 1,373 mill.), Bank Kupat-Am Ltd. (total assets IL. 188 million), Arab-Israel Bank Ltd. (total assets IL. 71 million), General Mortgage Bank Ltd. (total assets IL. 1,120 million), Bank Leumi Investment Co. Ltd. (total assets IL. 922 million), Yaad Agricultural Development Bank Ltd. (total assets IL. 730 million), Otsar La-Taasiya (total assets IL. 480 million); a trust company, four insurance companies and brokers and two land development companies.

The total of Consolidated Assets of the Bank and its subsidiaries at December 31, 1972, was IL. 17,795 million. The Bank ranked 103rd among the 500 largest banks in the free world in the annual listing of the "American Banker" (July 31, 1972).

The Bank was incorporated in London in 1902 as a subsidiary of the Jewish Colonial Trust, under the name The Anglo-Palestine Company Ltd. (later changed to Anglo-Palestine Bank Ltd).

Its object was to serve as a banking and financial instrument to further Zionist reconstruction activities. Its first branch was opened in Jaffa in 1903. Since most would-be borrowers were then not individually credit worthy, the Bank organized co-operative societies in towns and villages, to whom it granted modest credits. In 1909 it assisted a project to set up a new residential suburb near Jaffa and, after obtaining the necessary long-term loan money for the purpose, granted 18-year loans for the construction of the first 60 houses of what has since become Israel's largest city — Tel-Aviv.

When Turkey entered World War I the Bank, as an English company, was closed and later ordered into liquidation but managed to continue certain of its activities clandestinely and especially relief activities on behalf of the American Joint Distribution Committee. The Bank emerged from World War I rather stronger than when it started. An impetus was given to the country and to the Bank by the immigration from Germany in the 1930's, which the Bank fostered by participating in the establishment of certain capital-transfer arrangements.

In 1934 the Bank was able to help the Keren Hayessod to obtain from Lloyds Bank Ltd., London, the first foreign loan for Zionist reconstruction activities. This loan was large by the standards then prevailing — £ 500,000. In the 1930's the Bank was able to foster the country's industrialization by granting medium- and long-term loans to the growing industrial enterprises, which later served the Allied war effort in World War II with the help of credits obtained from the Bank. After the establishment of the State of Israel the Bank was, by an Agreement with the Provisional Government, authorized in August 1948 to issue its own bank notes as the legal tender of the new state and appointed Government Banker and Financial Agent. It fulfilled these functions until December 1954.

In May 1951 a new Israel company, Bank Leumi le-Israel B.M., took over the undertaking, assets and liabilities of the old English company.

Chairman of the Board of Directors — Mendes H. Sachs; Managing Director and Chief Executive — Mr. E. I. Japhet; First Deputy General Manager — S. Tulchinsky; (see: entries).

Head Office : 24-32 Yehuda Halevi St., Tel-Aviv, Telephone No. 51111.

BANK HAPOALIM B.M. בנק הפועלים בע"מ

In 1921, the central organs of the Jewish population of Mandatory Palestine founded an instrument for the financing of public economic ventures and for granting of limited credits to individuals, called "Bank Hapoalim".

The half-century since then saw the development of this modest instrument into one of the major banks of the State of Israel, ranging among its top financial institutions in terms of scope as well as of volume of business.

Energetic and pioneering spirit has been characteristic of the bank's growth throughout the years, and has become even more evident lately, when new services are being added to a fast growing number of branches. At the moment, more than 200 outlets provide every type of banking facility required by residents of even remote settlements in Israel.

Developments abroad have kept pace with the dynamic growth at home. In 1971, Bank Hapoalim opened the first branch of an Israeli bank in the heart of the City of London. Representative offices are maintained in New York, Zurich and Latin America.

Correspondent relationships with renowned banks throughout the world have been on a steady increase, so that Bank Hapoalim's services are now available on a truly global scale.

The Bank Hapoalim group comprises the following associated or subsidiary institutions:

1. Yaphet Bank Ltd.
2. Housing Mortgage Bank Ltd.
3. Bank Tel-Aviv for Mortgages and Development Ltd.
4. Industrial Bank Ltd.
5. The Israel American Industrial Development Bank Ltd.
6. Investment Company of Bank Hapoalim Ltd.
7. "Nir" Ltd.
8. Ampal Ltd.
9. "Bitzur" Ltd.
10. Teuda, Hevra Le'Hanpakot B.M.
11. Gmul Ltd.
12. Hevra Lenihul Kranot Bene'emanut B.M.
13. Bank Hapoalim Trust Company Ltd.
14. Yahav, Government Employees Fund Ltd.
15. "Tagmulim" "Gadish" "Yeter" Kranot Gmulim
16. Eitan — Linked Trust Fund

Chairman of the Board of Management : **J. Levinson ;**

Managing Directors: **E. Avneyon, E. Margalit, M. Olenik, B. Rabinow, Y. Ravin.**

BANK HAPOALIM B.M. — INDICATORS OF GROWTH
(In thousands IL.)

As at December 31	1967	1968	1969	1970	1971	1972
Capital & Reserves	42,011	43,595	59,654	75,794	113,498	178,632
Deposits	1,265,149	1,675,981	2,328,589	3,700,402	6,140,320	9,140,261
Loans, etc.	877,034	1,180,864	1,712,350	2,724,533	4,234,999	6,493,161
TOTAL ASSETS	1,489,016	1,901,255	2,740,187	4,089.917	6,679,378	9,962,392

Head office: 50, Rothschild Bd., Tel Aviv; Tel. 623211.
London: 22/23 Lawrence Lane, King Street, London, E.C. 2V
Zurich: General Wille-Strasse 21.8002 Zurich Switzerland
Buenos Aires: Corrientes 1145 P. 6 off 66, Buenos Aires, Argentine

ISRAEL DISCOUNT BANK, LIMITED

Head Office :
27/29 Yehuda Halevi Street, Tel-Aviv
131 branches throughout Israel
Total assets exceed 9,448 Million Israel Pounds

New York Main Office :
511 Fifth Avenue
Branch :
1350 Broadway

Nassau Branch :
P.O.B. 1543, Nassau (Bahamas)
Grand Cayman Island Branch :
P.O.B. 265, Grand Cayman Island, B.W.I.
Luxembourg Branch :
52 Avenue de la Liberté, Luxembourg

★

Subsidiaries and Affiliates :

BARCLAYS DISCOUNT BANK LTD.
(49 branches throughout Israel)
THE MERCANTILE BANK OF ISRAEL LTD.
ISRAEL DEVELOPMENT AND MORTGAGE BANK LTD.
ISRAEL DISCOUNT BANK TRUST CO. LTD.

★ ★ ★

Associated Bank
DISCOUNT BANK (OVERSEAS) LIMITED
Incorporated in Switzerland
Head Office :
3 Quai de l'Ile, Geneva
Branches :
Zurich, Lugano, London (2), Luxemburg, Amsterdam, Montevideo
Total assets exceed 1,360 Million Swiss Francs

★ ★ ★

COMPLETE RANGE OF DOMESTIC AND
INTERNATIONAL BANKING SERVICES

"TEFAHOT" ISRAEL MORTGAGE BANK LIMITED

"Tefahot" Ltd., was founded in 1945 with the aim of granting mortgages for the promotion of public projects throughout the country. Its name was officially registered as above, on March 3, 1962.

The Bank's resources consist of its own capital, debentures, and Government deposits, as well as deposits from other bodies, for granting mortgages to purchasers of residential quarters and to Local Authorities.

The Balance Sheet of the Bank, as at March 31, 1973 was IL. 2,545,462,945. The Balance of loans at that date was IL. 1,699.0 million (compared to IL. 1,387.0 million as at March 31, 1972). In addition to the steady increase in its own capital the Bank issued debentures of which IL. 616.0 million were outstanding as at March 31, 1973.

The Bank's net profit (after deduction for taxes) was IL. 16,144 million for 1972/73. The Bank paid a 17% cash dividend for that year, and distributed Bonus Shares at the rate of 15%.

Managing Director, Mr. Moshe J. Mann.

★

Head Office: Jerusalem, 9 Heleni Hamalka Street, P.O.B. 93, Tel. 227331.

Branches: **Jerusalem.** 9 Heleni Hamalka St., P.O.B. 93, Tel. 227331; **Tel-Aviv:** 123 Hachashmonaim St., P.O.B. 7070, Tel. 263141; **Haifa:** 207/209 Sderot Hameginim, P.O.B. 3053, Tel. 68177-8; **Beer Sheva:** Mercaz Hanegev, P.O.B. 155, Tel. 6183; **Ashdod:** Merkaz Mishari A, Rahavat Sharet, P.O.B. 47, Tel. 31615.

DISCOUNT BANK INVESTMENT CORPORATION LIMITED

The company, one of the leading Israeli investment corporations, is engaged in two major lines of activity: investments in most branches of the economy and long term loans and deposits out of proceeds of debenture issues.

Among the major investments: "Elco" Israel Electro-Mechanical Industry, Elscint, The Electric Wire and Cable Co. of Israel, Klil Non-Ferrous Metal Industries, Iscar, The Argaman Textile Dye Works, Elron Electronic Industries, "'Shamtan" Lubricants and Chemicals, Albar, Pilot Radio (Israel), Scientific Data Systems, Scientific Technology, Abic, Heberlon Industries, "Delek" The Israel Fuel Corp., Cargo Ships "El-Yam", Mehadrin, The Israel Development and Mortgage Bank, Property and Building Corp., Clal Israel Investment Co., The Israel Phoenix Assurance Co., "Isramar' Trading and Marketing.

Capital and reserves — IL. 62,000,000.
Debentures issued — IL. 750,000,000.

Board of Directors : Daniel Recanati, Chairman; Mozes B. Gitter, Vice-Chairman; Dan Tolkowsky, Managing Director; Shlomo Lahat, Executive Director; Avraham Hassidof; Albert Levinson; Hermann Merkin; Joseph Meyerhoff; Raphael Recanati; Dov Tadmor. Other officers: Gideon Erhard, Manager; Jacob Eshel, Manager; David Cohen, Controller; Dr. Joseph Gross, Secretary.

Offices : Simtat Beth Hashoeva, 16, Tel-Aviv; Tel.: 622256.

BANK "ADANIM" MORTGAGES AND LOANS LTD.

	31.12.1973
Share Capital	IL. 4,037,000
Reserve Funds and Surplus	IL. 2,500,000
Loans Outstanding and Deposits	IL. 120,000,000
Debentures in Circulation	IL. 65,000,000
Net Assets	IL. 140,000,000

Director General: S. Haimowitz

Head office: 108 Achad Ha'am Street, Tel Aviv, P.O. Box 4294; tel. 24 52 91.

GENERAL MORTGAGE BANK LIMITED

General Mortgage Bank Ltd. was founded in 1921 by a number of national institutions and under the inspiration of the World Zionist Organization. The institutions were — The Jewish Colonial Trust, Keren Hayessod and Anglo-Palestine Company (later Bank Leumi Le Israel Ltd.). General Mortgage Bank is the oldest daughter Bank of the latter.

From the beginning, the guiding aim of General Mortgage Bank was to serve as an instrument to finance building activities and to assist the re-settlement of the new Jewish population in Eretz Israel.

When the State of Israel was established, the Bank gave a hand mainly to the financing of various housing projects directed by the various Government offices. As from 1955 the Bank takes a part in financing tourist projects. Today, being the oldest of all mortgage banks in the country, General Mortgage Bank reached a annual balance sheet per 31.1.72 of IL. 1,120,212,783 as against IL. 857,608,057 at the end of 1971.

In 1972 the Bank increased the volume of its business and financed 4,742 new loans to an amount of IL. 135,970,554 against 4,253 loans amounting to IL. 108,847,499 in 1971.

At the end of 1972 the loans and deposits amounted to IL. 1,096,892,557 against IL. 840,353,441 at the end of 1971. As from 1972 stress has been made on loans to new immigrants and young couples.

The paid-up capital, funds and balances reached at the end of 1972 the amount of IL. 37,339,108 against IL. 33,763,456 the year before. Debentures and deposits amounted to IL. 1,048,536,812 against IL. 794,000,223 in 1971.

The dividend for 1972 was paid at the rate of 16%, which was identical to the rate in 1971. In 1973 the Bank distributed Bonus shares at the rate of 10% and issued Right shares in the proportion of one new share at the price of 170% of the nominal value of every 4 shares held by the shareholders. On account of 1973, interim dividend at the rate of 8% was paid.

The Bank has two saving schemes which entitle the saver to a mortgage loan: the one is Hemed Brera to local inhabitants and the other — for non-residents — Design for Living — D.F.L.

The members of the board of directors of the Bank are: Dr. E. Lehmann, Chairman; S. Tulchinsky, Vice-Chairman; H. Ellern, B. Gross, M. P. Hassoun, D. Israeli, I. Rauch, P. Rosen, K. Tuchler.

Joint-General-Managers are: Dr. J. Bach, M. Kahan.

Head Office: 13, Achad Haam St., P.O.B. 69, Tel-Aviv, Tel. 60902.

EXCHANGE NATIONAL BANK OF CHICAGO

THE ONLY AMERICAN BANK IN ISRAEL

Exchange National Bank of Chicago is the only American bank with full-service branches in Israel. The Tel Aviv branch was inaugurated in September, 1970, and the Jerusalem branch opened its doors in December, 1972.

Exchange National is the eighth largest bank in Illinois, with resources of over $440 million. It is the only American bank authorized by the State of Israel and the United States Federal Reserve System to operate in Israel. It is the official depositary and fiscal agent for the United States Government in Israel.

Exchange National came to Israel to serve Americans who want to enjoy the economic potential of this country, and to serve Israelis who want to develop profitable economic ties with the United States.

The branches are located in the Shalom Tower, in the heart of Tel Aviv's business district, and on Jaffa Road, in the commercial center of Jerusalem.

As in the home office in Chicago, the Israeli branches have followed a policy of innovations designed to make banking easier, faster and more pleasant for its customers. Thus Exchange National introduced to Israel the Teller system, daily computed interest, return of cancelled checks, non-stop banking hours, as well as banking by mail.

As a full-service bank, Exchange National accepts deposits in Israeli and foreign currencies; it offers import and export financing; business and personal loans. It also gives advice on investment and business opportunities in Israel, purchase and sale of American and Israeli securities, foreign exchange, trust services and many other banking services.

In charge of the Israel operations of the Exchange National Bank of Chicago is Aviezer Chelouche, Vice President and General Manager for Israel.

The American-style banking offered by Exchange National has become popular with Israelis, who appreciate the advantages denoted by the bank's slogan: "We've got the service you've been missing". This is borne out by the rapid growth of the Bank's operations in Israel and the instalation of a data processing unit.

Tel-Aviv Branch: Shalom Tower, 9 Achad Haam St. Tel. 56287; Jerusalem Branch: 48 Yafo Rd. Tel. 232271/2.

THE FIRST INTERNATIONAL BANK OF ISRAEL LTD.

The First International Bank of Israel Ltd. — a merger of The Foreign Trade Bank Ltd. and Export Bank Ltd. — started operations on 1st October 1972, with an issued capital of IL. 320 million ,a larger capital than any other bank in Israel.

The bank is a fully owned subsidiary of FIBI Holding Company Ltd. The investors and shareholders are the Government of Israel — 25%, other investors — 75%, including the First Pennsylvania Corp. 40.2%, Israel Financial Trust (London) Ltd., Baldwin Securities, Israel Investors Corporation, Samuel Rothberg and others. FIBI and the First International Bank have a number of subsidiary companies, operating in specific fields: "Merav" Mortgage & Savings Bank Ltd., Central Severance Pay Fund, Providend Fund for Self-Employed, "Atidoth", Central Provident Fund for Employees, Trust and a Nominee Companies, "ON" Insurance Agency. At the end of 1973 FIBI acquired the Israel Industrial Bank Ltd.

The Consolidated Balance Sheet of FIBI Holding Company Ltd. and its subsidiaries as at 31st December 1972 was IL. 1292 million.

FIBI and First International are opening a new chapter in Israeli banking. Backed by solid banking experience in Israel (45 branches throughout the country) and its diversified operations and services to clients in all branches of commerce, industry, agriculture and financing. They also have the benefit of the know-how and experience, the up-to-date methods and efficiency of its overseas partners, with their widespread international connections.

First International grants loans for working capital to industry, commerce and agriculture. It is becoming increasingly active in inter-

national financing. It provides import and export financing, management and investment counselling. It provides its clients with complete banking services.

First International has a number of unique deposit and savings schemes, each of which is a safe investment and provides an adequate return.

Chairman of the Board: M. Mosevics.

Managing Director: D. Golan.

Head Office: 18/20 Lincoln Street, Tel-Aviv, Tel. 623880. Telex 03-3834.

Main Branches: Tel-Aviv: 39 Rothschild Blvd. Tel. 622311. Telex 033-834. — Jerusalem: 6 Hillel Street. Tel. 02-223311. Telex 02-2234. Haifa: 3 Habankim Street. Tel. 04-523213. Telex 04-4862.

THE ISRAEL DEVELOPMENT AND MORTGAGE BANK LTD.

The Bank was incorporated as a Public Company, limited by shares, on the 20th of April, 1959. The Certificate of Commencement of business was granted on the 7th of May, 1959.

With the object of separating the banking branch from the investment branch in the Discount Bank Group, Israel Discount Bank Ltd. acquired at the end of 1972 the shares of our Bank held hitherto by the Discount Bank Investment Corporation Ltd. As a result, our Bank has become a subsidiary of Israel Discount Bank Ltd.

The objects of the Bank are :

a) The granting of loans against first mortgages and/or other securities, in connection with public housing schemes and popular housing.

b) Carrying out of industrial investments and the preliminary financing thereof.

The financial statement as at December 31st, 1972, shows assets totalling IL. 401,713,210. Share capital and Reserves amounted to — IL. 25,008,935. Long-Term liabilities (including debentures and long-term deposits stood at IL. 373,634,704, with other liabilities amounting to IL. 3,069,571.

Mortgage and other loans accounted for IL. 377,771,059 and investments and other assets for IL. 23,942,151.

It has been the Bank's policy to pay dividends regularly since inception of activities. In respect of the financial years 1965, 1966, 1967, 1968 (1.4.68 — 31.3.69), the cash dividend paid amountd to 16%. The same dividend was also paid for the years 1970 and 1971. For the financial year ended March 31st, 1969, the Bank declared a 25% bonus, in addition to the cash dividend mentioned above.

In 1969, the financial year of the Bank was altered and it was decided that it should henceforth end on December 31st of each year instead of March 31st. For the financial year ended December 31st, 1971, the Bank declared a 20% bonus, in addition to the cash dividend of 16%.

In respect of the Bank's financial year 1972, the cash dividend paid amounted to 18%.

As to 1973, the Board of Directors, at its meeting on November 22nd, 1973, declared an interim cash dividend of 18% on the par value of the Company's shares, out of current profits. Shares deriving from the rights issue made in 1973, entitle their holders to 75% of the above dividend.

Furthermore, a resolution was adopted, recommending to the Fifteenth Annual Ordinary General Meeting to consider this interim dividend as final dividend.

On April 3rd, 1973, the Bank published a prospectus, offering to hoders of both founder shares and ordinary shares, one share of a nominal amount of IL. 1.- for each four shares at the price of 200% of the nominal value. The shares under this rights issue entitle their holders to 75% of the dividends to be declared in respect of 1973.

The Bank's ordinary shares were quoted on the Tel Aviv Stock Exchange on December 2nd, 1973, as follows:

Bearer	259	Registered	257,5

The Board of Directors of the Bank:

M.B. Gitter, Daniel Recanati, Dr. Joseph Mirelman, Sam Mallah, Marcos Perelman, Prof. Simon Gitter, Abraham Hassidoff, Raphael Recanati, Max Feffer, Dan Tolkowsky, Max Perlman, Dr. Marcos Roitman, Dov Tadmor, Dr. David Mirelman, Karl Reich, Abraham Vreedenburg.

Joint General Managers :

K. Reich, A. Vreedenburg.

Secretary of the Bank : Mr. S. A. Toaff.

The offices of the Bank are situated at :

16, Simtat Beit Hashoeva, Tel Aviv,

P.O.B. 2844, Tel Aviv ; Tel. 614202 ;

Cables : Pituabank Telaviv.

Housing Mortgage Bank Ltd.

Housing Mortgage Bank Ltd. was established in May 1950 and commenced business in the beginning of 1951. Since its establishment the purpose of the Bank was to contribute to the financing of all categories of building in the country and particularly in the financing of public housing projects. In the 23 years of its existence the Bank has financed the building of 85 thousand housing units.

The financing sources of the Bank are its own funds, issues of debentures in Israel and abroad, deposits of Israel's Treasury as well as deposits of building societies and other institutions.

בנק משכנתאות לשכון בע"מ

בטק משכנתאות לשכון בע"מ נוסד במאי 1950 והתחיל בפעולותיו בראשית שנת 1951. הבנק נוסד במטרה לסייע במימון הבניה בארץ לסוגיה השונים ובפרט במימון תכניות השכון הציבוריות. בעשרים ושלוש שנות קיומו מימן הבנק בנייתן של כ־85 אלף יחידות דיור.

מקורות המימון של הבנק הם ההון העצמי, אגרות חוב שהונפקו בארץ ובחו"ל, פקדונות האוצר של מדינת ישראל ופקדונות של חברות שכון, מוסדות ואחרים.

התפתחות סעיפי המאזן בשנים 1968—1972

(באלפי ל"י)

DEVELOPMENT OF ITEMS OF THE BALANCE SHEET 1968—1972

(In thousands I.L.)

As at December 31	1968	1969	1970	1971	1972	סוף שנת
Assets						**נכסים**
Loans	288.9	311.8	328.6	394.5	524.9	הלואות
Current Assets	2.0	2.9	6.9	11.3	17.0	רכוש שוטף
Fixed Assets	3.2	6.0	5.7	7.1	8.1	רכוש קבוע
Total Assets	294.1	320.7	341.2	412.9	550.0	סה"כ נכסים
Liabilities						**התחייבויות**
Capital & Reserves	18.6	19.1	19.9	20.8	22.9	הון וקרנות
Debentures	104.9	139.1	142.4	154.3	155.5	אגרות חוב
Deposits	165.6	157.5	171.9	230.3	363.1	פקדונות
Other Accounts and Inner Reserves	5.0	5.0	7.0	7.5	8.5	חשבונות אחרים וקרנות פנימיות
Total Liabilities	294.1	320.7	241.2	412.9	550.0	סה"כ התחייבויות

Board of Directors:

A. Ofer (Chairman), A. Margalit (General Manager); M. Olenik, G. Ofir, S. Zac, Z. Lavon, B. Rabinov, Z. Schamiss, D. Shafrir.

Manager: M. Koppel.

Office: Tel-Aviv, 115 Allenby St., P.O.B. 1610, Tel. 622461.

הנהלת הבנק

א. עופר (יושב ראש); א. מרגלית (מנהל כללי); מ. אולניק, ג. אופיר, ש. זק, ז. לבון, ב. רבינוב, ז. שמיס, ד. שפריר.

מנהל: מ. קופל.

המשרד: ת"א, רח' אלנבי 115; ת.ד. 1610; טל' 622461.

THE ISRAEL AMERICAN INDUSTRIAL DEVELOPMENT BANK LIMITED

Registration :

The a/m Bank was registered in April 1956 by Bank Hapoalim B.M. and Ampal-American Israel Corporation, New York.

Operations :

The Bank commenced business on October 1, 1956; its main object was the provision of medium and long term loans, at reasonable rates of interest, for industrial development.

In addition to loans from its own resources the Bank also operated loans out of funds allotted from the Government Development Budget. The Bank took a prominent part in promoting the development of industrial enterprises in the agricultural collective settlement (Kibutzim) and regional enterprises.

Main items in the Balance Sheet 31.12.1972 :

Total Assets	IL. 280 million
Capital and Reserves	IL. 19 „
Debentures and Deposits	IL. 263 „
Loans	IL. 242 „

Management: Mr. A. Dickenstein, Chairman of Ampal, and Mr. H. Duvshani are the Managing Directors of the Bank.

The Main Offices of the Bank are at 50, Rothschild Boulevard, Tel-Aviv; Tel. 623211.

*

ISRAEL GENERAL BANK LTD.

Founded in 1934, I.G.B.'s main activity has started in 1965 when full control of the institution passed over to the Baron Edmond de Rothschild Group, electing the Baron as President of the Board. Managing Director is Mr. David Shoham. The Balance Sheet as per the end of 1972 totals over IL. 269,167,223 compared to over IL. 205,638,730 at the end of 1971.

The Board of Directors is composed of Messrs :
Baron Edmond de Rothschild, Jean Bollack, Jacob Brin, Roger Cukierman, Theodore Klein, Dr. Adia Konikoff, Mordechai Limon, Francois Pereire, Alfonso Sabah, David Shoham.
The Head Office of the Bank is in Tel-Aviv, 28, Achad Haam Street; Branches: Jerusalem, 33-35, King George Street and Haifa, 5 Habankim Street.

See also ad: page 531.

INDUSTRIAL DEVELOPMENT BANK OF ISRAEL LIMITED

The Industrial Development Bank of Israel Ltd (I.D.B.I.) was founded in 1957 for the purpose of providing financial assistance for industrial investment projects, in the form of medium and long-term loans.

Financial Structure: By September 1973, its authorized Share Capital was IL. 647 million, of which, after redemption of IL. 8.7 million, IL. 376 million was paid up. By the end of September 1973, the paid up Capital together with Reserves and Surplus (including IL. 248.6 million perpetual Deposit of the Israel Government) was IL. 728.1 million.

Among the Bank's shareholders are the State

of Israel, the leading Israeli Banks, the Israel Manufacturers' Association, Histadrut bodies, and local and foreign financiers and industrialists.

I.D.B.I. has also issued in Israel 14 series of Debentures amounting to IL. 202.1 million and $ 15 million Bonds in Europe. The outstanding amount of the Debentures issued in Israel was as at September 30, 1973, IL. 162.4 million, and the Bonds issue in Europe IL. 57.3 million.

Lending activities of the Bank have been further increased from a number of other sources. The outstanding amount as at September 30, 1973, of Loans and Deposits was IL. 890.1 million.

The total assets of the Bank as at the end of September 1973, were IL. 2,221.4 million. The loans to industry outstanding as at September 30, 1973, were IL. 1,802.9 million.

Lending Activities: By the end of September 1973, I.D.B.I. has approved 3,793 loans (including Cooley Fund loans and long-term guarantees) amounting to IL. 2,765.2 million.

Board of Directors (58 members) :
Chairman . **Dr. Zvi Dinstein,** Vice-Chairman: **M.B. Gitter, Ernst I. Japhet, Gideon Lahav, Moshe Olenik, Mordechai Zagagi;** Managing Director Dr. **Avraham Neaman;** Deputy General Manager: **David Friedman;** General Counsel and Assistant Manager — **Mordechai Rottenberg;** General Secretary — **Anwar Elias;** Managing Dirctor of Investment Company of Industrial Developement Bank of Israel Limited — **Yehuda Gill.**

Head Office: 9 Ahad Haam Street, Tel-Aviv (Shalom Mayer Tower), P.O.B. 1462, Tel. 52666 (28 lines).

★

MASSAD, MUTUAL LOANS and SAVINGS SOCIETY, LIMITED

Massad, the banking instrument of the Federation of Teachers in Israel, was founded in 1929 with an initial membership of 214 and a capital of £ 92; today, membership exceeds 17,000 persons and the capital amounts to over IL. 1,826,000.

Massad caters to all categories of teachers, from Kindergarten, elementary schools, secondary schools, to principals, supervisors and every other person professionally engaged in educational activities, Jews as well as Arabs and other minorities.

Massad is engaged in every type of banking operation, including loans, mortgages, savings, long & short term deposits, checking accounts, discounts; it deals also with wholesale subscriptions, carries out the collection of the Histadrut fees as well as various other payments and taxes, and acts in the field of credit extension to individuals and institutions jointly with various other banks.

The bulk of the teachers' salaries is usually distributed monthly through the channels of Massad. Over 12,000 families of teachers are in possession of their own homes thanks to the assistance extended to them through Massad, which has sponsored the erection of many housing projects.

Various saving schemes are put by Massad at the disposal of its members, with a view to secure their savings against the risks of devaluation.

The total amount of outstanding loans to date is IL. 45,000,000; Savings deposits, over IL. 60,000,000.

The Board of Directors of Massad is composed of members nominated by a body of 41 electors, selected for this special purpose by the membership of the local branches of the Teachers' Federation.

For the last twenty one years, Mr. Dov Kitov has been serving as Director General of Massad.

Head Office: Tel-Aviv, 79, Rothschild Blvd; Branches are operating in Jerusalem, Haifa, Beer Sheva.

ISRAEL GENERAL BANK LTD.

Head Office:
TEL-AVIV, 28 Achad Haam St.
Tel.: 53601-5 — Cables: BANCLALI TEL-AVIV, P.O.B. 677, Telex 41615

Haifa Branch:
HAIFA, 5 Habankim St.
Tel.: 538231-3 — Cables: BANCLALI HAIFA, P.O.B. 1432, Telex 764

Jerusalem Branch:
JERUSALEM, 33-35 King George St.
JERUSALEM, P.O.B. 2570, Telex 311Tel.: 232111
Cables: BANCLALI JERUSALEM

ALL BANKING SERVICES

MERCANTILE BANK OF ISRAEL LTD.

24, Rothschild Blvd.
Tel-Aviv

Complete Local and International

Banking Services

BARCLAYS DISCOUNT BANK LTD.

Wide range of local and international Banking Services including Foreign Exchange, Securities, Foreign Travel facilities, Diamond business, Trust Administration and Investment Management.

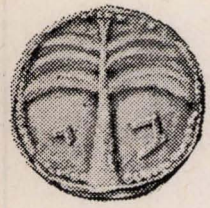
The Bank enjoys the know-how and experience of its founders: Barclays Bank International Ltd., one of the largest Banks in the world and I.D.B. Bankholding Corporation Ltd., parent company of Israel Discount Bank Ltd., one of the largest Banks in Israel.

51 BRANCHES THROUGHOUT ISRAEL

HEAD OFFICE: 103 ALLENBY ROAD, TEL-AVIV 61000, ISRAEL

Telephone: 614525 Telex: 33550 Telegraphic address: BARSCONT

BANK OF JERUSALEM FOR DEVELOPMENT AND MORTGAGES LTD.



The Bank of Jerusalem was founded in 1964 on the initiative of Mayer Bros, and Mr. Ish-Shalom, who was the Mayor of the city. The main purpose of the enterprise has been to further the economic development of the Capital. The Bank started operations on March 31, 1964. Though primarily intended to assist the financing of building, industrial and tourist activities, and those of crafts, the Bank also extends, long-term loans to various types of housing applicants: new immigrants, evacuees from slum dwellings, newly married couples, participants in approved housing saving schemes.

Main shareholders are the Wolfson-Clore-Mayer group and the Investment Company of the "Export' Investment Corporation Ltd., and the Jerusalem Municipality.

The registered capital of the Bank (as per 1972) is IL. 25,000,000, composed of 5 mil. ordinary shares per IL. 1 each, and of 2 mil. ordinary shares, per IL. 10 each, and the paid-up capital is IL. 5,000,060.

The Board of Directors is composed as follows: Teddy Kolek, President; Sir Isaac Wolfson, BA., Chairman; Mordechai Ish-Shalom; Charles Clore; Moshe Mayer; Mordechai Mayer; Eliezer Bodankin; Benyamin Mayer; Zalman Shuval; Amos Miller; D. Yatom; S. Mayer.

There is also an Executive Committee presided by Mr. Mordechai Ish-Shalom, with Mr. Mordechai Mayer, as member and Mr. Eliezer Bodankin, Managing Director; Secretary, Mr. Jacob Aizner.

Head Office: Jerusalem, 2 Herbert Samuel St.; tel. 221271.

UNION BANK OF ISRAEL LIMITED

Union Bank of Israel Ltd., founded on September 1st, 1951, continues the banking business of the Palestine Corporation Ltd., which was established in this country more than 50 years ago.

In 1961, Bank Leumi le-Israel B.M., which in 1954 had already acquired a fifty percent interest in Union Bank of Israel Ltd., purchased part of the remaining fifty percent of the shares. Union Bank's business continued in its previous form. The bank has maintained its special character while expanding its activities.

The share capital of Union Bank amounts to ILm. 8.2. Its capital and open reserves amount to over ILm. 30. Shares are quoted on the Tel-Aviv Stock Exchange.

The Board of the Union Bank of Israel Ltd. consists of Mr. E. I. Japhet, Chairman, and Messrs. A. Bergman, E. G. J. Dawe, A. L. Horelick, S. M. Hyman, A. Klier, A. Manor, S. Sapir, N. Verlinsky, M. Weichselbaum, A. Weinberg, Y. Weinstein. General Managers are Messrs. W. Hauck and M. M. Mayer.

The bank maintains four branches in Tel-Aviv, three in Jerusalem, two in Haifa and one branch each in Ramat-Gan, Nathanya, Hadera, Rehovot, Petah Tiqva and Beer Sheva. Union Bank of Israel can be best compared with the English type of a merchant bank. It specializes in the financing of industry and trade and also takes an active share in the underwriting of, and trade in, securities.

Union Bank of Israel maintains a worldwide chain of correspondents. It assists materially in the financing of import and export business. Union Bank is well known as the major financial instrument of Israel's diamond industry and trade. The fast development of Union Bank of Israel during the last 20 years is evidenced by the fact that the figure of total assets in the Balance Sheet rose from ILm. 6,5 at the beginning of 1951 — to ILm. 370.0 at the end of 1967 and to — IL. 1,630 million at the mid of 1973.

Head Office : 6-8 Ahuzat Bait St., P.O.B. 2428, Tel-Aviv. Tel.: 51011-26; Telex (03) 3 493 & 3 494.

UNITED MIZRAHI BANK LIMITED

The United Mizrahi Bank Ltd. undertakes all banking transactions, and its activities cover every field of economic life in Israel. The bank extends commercial loans to merchants, artisans, industrial enterprises, cooperatives, collective settlements and agricultural organizations — with the constant aim of promoting their development and expansion.

Appointed by the Government of Israel as Authorized Dealers in foreign currency, The Bank has given particular attention to the ever-expanding export and import business, based on the various commercial treaties concluded between Israel and foreign countries.

The amount of the balance sheet on December 31, 1972 — was IL. 1,148,083,606. Mizrahi Bank Ltd. also operates through several branches, i.a. six branches in Tel-Aviv alone, then two branches both in Jerusalem and in Haifa, 42 branches all over Israel.

The Board of Directors of United Mizrahi Bank is headed by Chairman Mr. Naftali Feingold, seconded by Messrs. J. Lesslau & Z. Zambrowsky. Mr. A. Meir is the General Manager of the Institution and Mr. Benjamin Z. Bauer — General Secretary.

MAIN OFFICE :

48, LILIENBLUM ST., TEL-AVIV

Phone : 622631



JAPHET BANK LTD.

ALL BANKING OPERATIONS

PERSONAL SERVICE

Head Office: Tel Aviv, 11 Rothschild Blvd., Tel. 58271

I.S.L. INDUSTRIAL SERVICES CO. LTD.

Joint venture of the Bank fuer Gemeinwirtschaft A.G., Frankfurt & Koor Ltd. Largest Factor in Israel. Details, on this page.

I.S.L. INDUSTRIAL SERVICES CO. LTD.

99, Ben Yehuda Rd., Tel-Aviv, P.O.B. 3036; Tel. 248241
Cable Address: INDSERVCOM TELAVIV, TELEX: 03-2161

I.S.L. engages in commercial finance in general and in factoring — both domestic and international — in particular. I.S.L. is the largest Factor in Israel.

I.S.L. is a member of F.C.I. (Factors Chain International) whose network comprises over 30 correspondents throughout Western Europe, North America and South Africa.

Shareholders: Bank fuer Gemeinwirtschaft A.G., Frankfurt (represented by Bank Hapoalim B.M., Tel-Aviv) 80%
Koor Ltd. 20%

MEMBERS OF THE BOARD: W. Hesselbach, G. Neuenkirch, T. Wegscheider, all of Frankfurt; D. Fuestel of Luxemburg; N. Blumenthal, A. Levinsky, Y. Levinson, J. Milo, Y. Ravin, S. Ziv, all of Tel-Aviv.

MANAGING DIRECTOR: J. Milo.

TOTAL OF BALANCE SHEET (000 IL)

30.9.70	31.3.72	31.3.73	30.9.73
136,161	157,932	174,505	204,100

ISRAEL INSURANCE ASSOCIATION

The Israel Insurance Association has been established in 1949 with the aim to create an authoritative representative body of the insurance companies operating in Israel in face of the need to handle common and vital issues, concerning the insurance business as a whole, in its relations with Government and various other authorities, as well as towards parallel foreign institutions, in everything concerning problems like tariffs policy, insurance conditions, etc. The Association now encompasses 54 Insurance Companies, Israeli and foreign, as far as they handle any kind of insurance, except Life Insurance. The Association includes a Pool for Compulsory Insurance dealing with motor vehicles of undesirable risks, also the Motor Insurance Bureau providing compensation to victims of motor accidents who are not covered by an Insurance Policy. Incorporated in the Association is the Israel Green Card Bureau providing Motor Insurance Cover for incoming and outgoing tourists. The Association operates further an Insurance Institute, which is instrumental in training, and holding special courses in all insurance branches.

The office is situated at 113, Allenby St., Tel-Aviv. P.O.Box 2622; Tel. 614461.

HAMISHMAR INSURANCE SERVICE

The firm was founded in 1935. Its Managers are Mr. Ernst Hamburger and Mrs. Margot Hamburger.

Hamishmar Insurance Service has become Israel's largest independent Insurance Office.

Hamishmar Insurance Service is represented in Israel by agencies in more than 30 towns and villages all over the country.

Hamishmar Insurance Service acts as a General Agent and Attorney for the Fire, Accident and Marine Departments of the Judea Insurance Co. Ltd., Tel-Aviv, the ALPINA Insurance Company Ltd. Zurich; in Life Assurance for the Gresham Life Assurance Society Ltd., London; and as Underwriting Agent of Lloyd's Underwriters' Syndicates through Messrs. F. Bolton & Co. Ltd., The Corn Exchange Building, 52/57 Mark Lane, London EC 3R 7ST. Through affiliations they represent de Guildhall Insurance Co. Ltd., London, and The British Traders' Insurance Co. Ltd., London.

Hamishmar Insurance Service writes all types of Insurances. In addition they are Marine Claim Agents for International Insurance Companies.

Head Office in Tel-Aviv: 33 Rothschild Blvd.; Tel. 622421-5.

District Office, Haifa: 39 Haatzmauth Road; Tel. 63625, 62157.

District Office, Jerusalem: Agrippas St., Mann & Bermann House; Tel. 22557.



The Prudential Assurance Co. Ltd., London

פרודנשל חברה לביטוח בע"מ — לונדון

REPRESENTED BY KUPAT AM (INSURANCE SERVICES) LTD.

ALL CLASSES OF FIRE, ACCIDENT & MARINE

INSURANCE BUSINESS

PRUDENTIAL ASSETS EXCEED £ 2,000,000,000

TEL AVIV ★ 13, AHAD HAAM STREET ★ TELEPHONES 50211, 51661

HASSNEH INSURANCE COMPANY OF ISRAEL, LTD.

Hassneh Insurance Company of Israel Ltd. was founded in 1927 by the Histadrut (General Federation of Jewish Labour). It was a part of the Histadrut's endeavour to create economic institutions that would serve the working sector of the Jewish population.

The activities of the Company, geared to the country's needs have developed and grown with the State. Hassneh's insurance coverage, the number of its branch offices and departments, its risk reserves and its capital investments have increased from year to year, and today covers the entire population of the country.

Hassneh has the highest number of policies in Israel. In fact: Every fourth inhabitant of Israel is connected with Hassneh.

Throughout its 47 years of operation, Hassneh has provided security to all sections of the public.

★ Thanks to Hassneh, the Israeli public — almost unaware of insurace 47 years ago — has become increasingly insurance-minded;

★ Hassneh has continuously adjusted its insurance programmes to meet the changing requirements of the times, and it has introduced lower and more equitable tariffs.

★ The Mutual Agricultural Insurance Department was founded at Hassneh's initiative and with its assistance.

★ More than 150,000 members today enjoy the services and protection of the Department of Mutual Life Assurance.

★ Hassneh has branch offices and agents throughout the entire country.

Hassneh is a member of the Insurance Office of the International Co-operative Alliance and, as such, enjoys cordial relations with co-operative insurance companies throughout the world.

Subsidiaries of Hassneh are the "Sobit" General Insurance Agency Ltd., which covers those branches of insurance not directly handled by Hassneh, and the "Samson" Insurance Company, which works in the life assurance field only, and "Eshel" Insurance Co. Ltd.

The Chairman of the Board of Directors is Michael Nussbaum.
Managing Directors: Messrs. M. Nussbaum and E. Avneyon.

Head Office: 115, Allenby Rd., Tel-Aviv, Tel. 623251.

ELIAHU INSURANCE COMPANY LTD.

ALL BRANCHES OF INSURANCE

HEAD OFFICE:
Tel-Aviv, 113 Allenby St., Tel. 623355

BRANCHES:

Jerusalem	—	**13, Ben-Yehuda St.**	**Tel. 233116**
		6, Shamai St.	**Tel. 224926**
Haifa	—	**1, Herzl St.**	**Tel. 640963**
Beer Sheva	—	**122, Herzl St.**	**Tel. 057-2738**

ZION INSURANCE CO. LTD.

ציון חברה לבטוח בע"מ

The Zion Insurance Company was founded in 1936.

The Zion Company succeeded in establishing itself as an important financial institution, and is now one of the foremost insurance companies of Israel.

Zion was the first company to organize a team of agents in the towns, vilages and local councils by establishing a net of branches and general agencesi throughout the whole of the country — both in the urban and rural districts — thus developing the insurance-mindedness of the existing and potential clientele.

In 1943 the Zion acquired the shares of the Judea Insurance Company Limited, a pioneer Life Insurance Company in Israel, which was founded in 1922 by an important group of Zionists in the United States of America, headed by the then President of the Zionist Federation of America, the late Louis Lipsky.

Since 1943 both companies have joined hands in their activities in all the conservative branches of insurance.

The constant development of the Zion and Judea in all branches of insurance is marked in the Israeli Insurance Industry and is noted in the balance-sheets of these companies. The following are some figures showing the development of the Zion and Judea:

Balance Sheet Years	Life Insurance Portfolio IL.	Capital General Reserves IL.	Insurance Reserves IL.	Insurance Premiums IL.
1970	776,000,000	12,782,000	72,849,000	62,441,000
1971	1,050,000,000	15,709,000	95,329,000	84,524,000
1972	1,550,000,000	19,889,000	117,753,000	105,219,000

Head Office: 120, Allenby Rd., Tel-Aviv, Tel. 614711
BRANCHES THROUGHOUT THE COUNTRY

בן יעקב ושות'.(סוכנויות בטוח)בע"מ.

BEN-YAAKOV and Co. (INSURANCE AGENCIES) Ltd.

LIFE INSURANCE AGENTS & CONSULTANTS

- **Financial Planning**
- **Estate Planning**
- **Pension Plans**
- **Managers Insurance**

YUVAL יובל

- **Tax Sheltered Plans**
- **Partnership Insurance**
- **Life Insurance**
- **Group Insurance**

- **Disability Income**

Main Office : Tel-Aviv, Yuval Life House, 42, Rothschild Blvd., Tel. 611941-5.

Branch: Beer Sheva, 66 Hapalmach St., tel. 057-2250.

MIGDAL - BINYAN INSURANCE COMPANY LTD.

Migdal-Binyan occupies the first place among Israeli insurance companies. The consolidated balance sheet of the Migdal Binyan group (including the fully owned subsidiary — Maoz Insurance Company) at December 31, 1972, shows a record total of about IL 300 million.

Total Life Insurance in force at the end of 1972 exceeded IL 3.2 billion, and by now Migdal-Binyan is well on its way to completing IL 4 billion, an unparalleled feat in Israel.

The company is known far and wide for its innovations aimed at offering as broad a range of plans as possible to cater for every situation. The excellent relations existing between the company and the insured public are proof of the outstanding service it is providing in every field of insurance.

Migdal-Binyan is continually training its agents in a variety of subjects in order to enhance their knowledge, enable them to render the best of service and provide expert and professional advice to the company's clients.

Chairman of the Board of Directors — Dr. E. Lehmann;

Managing Director — Dr. J. I. Gruengard;

General Manager — A. Rom.

Head Office: 53, Rothschild Blvd., Tel Aviv; Tel. 625351



MISRAH INSURANCE SERVICE TREU and STEINWEG COMPANY LTD.

The "Misrah" Insurance Service was founded by the late Mr. **Max Treu** and **Mr. Walter Steinweg.** They established, in 1937, a connection with the well-known Lloyd's brokers C. E. Heath & Company Ltd., becoming Underwriting Agents and Attorneys of Syndicates for them; during three decades of prosperous activity, these connections have been enlarged and improved.

Starting first in Tel-Aviv and Haifa, Misrah Insurance Service opened a third branch in Jerusalem, under the management of Mr. F. G. Littmann. In 1949, Mr. Littmann moved to Tel-Aviv, and after Mr. Treu's passing away, became a partner.

In 1944, Misrah Insurance Service became Sole Agents of the British Merchants Insurance Co. Ltd., while later in 1951, they became also Special Agents of the Israel Phoenix Assurance Co. Ltd., and in 1970 they were appointed General Agents for non-marine business for the Phoenix Assurance Co. Ltd. of London, one of the foremost British Insurance Companies.

The Service is highly appreciated, as one of the oldest and most reliable insurance brokers, both by agents and customers. The General Management is held by Messrs. Walter Steinweg and F. G. Littmann, while the Tel Aviv branch is the responsibility of Mr. Heinz Bauernfreund; the Haifa branch is managed by Messrs. Joseph Goldschmidt and Hanan Hoffmann, and Jerusalem Branch — by Mr. Zvi Sossover.

The addresses of the Offices are as follows: **Tel Aviv:** 27 Rothschild Bd., Tel. 623491-2-3-4. **Haifa:** 37 Haatzmauth Rd., Tel. 668175/6, P.O.B. 1319. **Jerusalem:** 9 King George St., Tel. 225675, 225503. Representatives in many towns and settlements.

THE ISRAEL PHOENIX ASSURANCE COMPANY LIMITED

The company was established in 1949 and since then it expanded in all insurance branches. A remarkable growth has been shown in the last three years as the figures show:

	1970	1971	1972
Elementary business	29,000,000	42,000,000	64,000,000
Life Premium	11,500,000	14,000,000	23,000,000
Total turnover	40,500,000	56,000,000	87,000,000
Total Balance Sheet	63,000,000	87,000,000	120,000,000
Life Portfolio	732,500,000	1,026,250,000	1,665,900,000
Net Profit	2,005,000	2,992,000	4,613,000
Declared dividend	12.5+11.11%	15%	16%+60%
		Bonus Shares	Bonus Shares

The Israel Phoenix Assurance Co. Ltd. together with Hadar Insurance Co. Ltd. (its fully owned subsidiary) and other Insurance Agencies fully owned by the Israel Phoenix, form one of the biggest Insurance Groups in the country. The total turnover of the group for 1972 amounted to IL.107,274,000, total Balance Sheet IL.151,553,000 and the Life Portfolio reached on 31.3.73 IL.2,200,000,000.

HEAD OFFICE: 30, Levontin St., P.O.B. 2070, Phone 623362, Tel-Aviv. Cables: ISPHOENIX.

THE ISRAEL REINSURANCE COMPANY LTD. REINSURANCE MANAGERS LTD.

This is the only Israeli Company entirely devoted to Reinsurance.

It was founded in 1951 and commenced activities in 1952.

Authorized share-capital is IL. 6,000,000.— ; Paid-up share-capital and Surplus is — IL. 3,800,000.—.

96% of the share-capital is held by 14 of the biggest Israeli Insurance Companies and the balance by the Netherlands Reinsurance Group Ltd., whose fully owned subsidiary — Reinsurance Managers Ltd. — has been appointed Corporate Manager as of 1st January, 1967.

The scope of the Company's activities covers all branches of reinsurance accepted from local as well as foreign companies.

Chairman of the Board is A. Sacharov Deputy-Chairman of the Board — M. Nussbaum; Manager of Reinsurance Managers Ltd. — Mr. S. Jannai.

The Head Offices are situated at 7, Shadal Street, P.O.B. 2073, Tel-Aviv; Telephone 614406 (2 lines); Telex : 033-134.

NATIONAL INSURANCE OFFICE LIMITED

In 1944 the partnership of Willi W. Aptowitzer & Co. started business as insurance brokers and Agents in Haifa, representing amongst other insurers, a firm of Lloyd's Underwriters' representatives for Maritime Insurance. In 1948 this partnership became the main co-founder of National Insurance Office Ltd., and moved to new offices in 47 Ha'atzmaut Road, Haifa.

From very modest beginnings (i.e. a premium of about IL. 25,000.— in 1947/48), the

company developed into one of the leading insurance offices in Haifa and the north. In 1955, a daughter company, National Insurance Office (Tel-Aviv 1955) Ltd., was established in Tel-Aviv, under Mr. Aptowitzer's supervision. Further Branch Offices were established, since 1960, in Ashdod, Holon and the Port of Haifa. At the same time the companies developed an extensive network of agents and brokers throughout the country, which resulted in a multi million pounds annual turover.

Plans for a Jerusalem office are well advanced. The N.I.O. group now represents, in addition to certain Lloyd's Underwriters — as one of the main coverholders in Israel — the Alliance Assurance Company Limited of London, as their general agents and attorneys. N.I.O. effects all kinds of insurances as underwriters for this company. Life insurance business is handled by N.I.O. as agents for various companies.

Under the management of Mr. Willi W. Aptowitzer A.C.I.I. since its inception, the group specializes in maritim insurance and became, inter alia, the promoters and leaders of the travel insurance business in Israel. N.I.O. also serves as advisors to and insurers of one of the largest banks in Israel, as well as being closely connected with many important Government, commercial and private institutions. Museums and Art Galleries and dealers are being insured under the most up-to-date policies at Lloyd's — also a special feat achieved by N.I.O. recently. In 1970 and 1971 a Swiss and British group each acquired a minority equity in N.I.O. and their investments were declared as "approved" by the finance authorities. Messrs. Hartley, Cooper & Co. Ltd., one of the leading Lloyd's Brokers in London, now effectively support the expansion of the group after having become partners therein.

N.I.O.'s modern offices and specially chosen and trained personnel make the group's operations particularly efficient. Mr. Y. Sasson, manager of the Tel-Aviv Company, has a special share in its success.

The offices of N.I.O. are located as follows Haifa, 47 Ha'atzmaut St., Tel. 66365; Tel-Aviv, 94 Allenby St., Tel. 611877; Ashdod, 1 Kibbutz Galuyot St., Tel. 31336; Haifa Port, Passengers' Terminal; London Office, 31-35 Wilson St., E.C. 2.

YUVAL THE INSURANCE CO. OF ISRAEL LIMITED

The Company was founded by the Government of Israel and started to operate on April 1st 1962, with a paid up capital of IL. 3,000,000. The Company was registered also in London where it started accepting business at the end of 1962 and is operating in the worldwide reinsurance market.

The premium income of the Company has risen from IL. 2,500,000 in 1962 — to IL. 76,000,000 in 1972.

The dividend distributed by the Company to its Shareholders was 5% for the years 1962 and 1963, 7% for the year 1964, 10% for the years 1965 and 1966 and 11% for the year 1967, 17% for 1968, and 22% for 1969 1970 and 1971.

The major shareholding in the Company (73%) were sold at the beginning of 1969 to Gefen Investment and Finance Co. Ltd.

The Company got full control of "Yuval Life" Insurance Co. of Israel Ltd. and is now engaged in a drive of spreading its activities over all branches of insurance in Israel and the U.K.

The Members of the Board are as follows: Mr. Benady (U.K.), Chairman;
Mr. J. Kaplan, Managing Director;
Messrs: A. Arnon, Y. Ravin, M. Zimber, D. Hirshfeld, Y. Levanon, A. Turin, G. Z. Wagenheim. Mr. Y. Levanon — Deputy Managing Director and Secretary.

Head offices, 27 Keren Hayessod St., Jerusalem, P.O.B. 1485; Tel. 25971-3; Tel-Aviv Branch, 44 Rothschild Blvd., P.O.B. 326, Tel. 625292; Cables: Incompis, Jerusalem; Telex: 276.

IHUD INSURANCE AGENCIES LIMITED

Ihud was founded in 1953, taking over all the insurance business of the Insurance Department of the Palestine Corporation Ltd. which had been active in the insurance field since 1930.

Ihud is the representative in Israel of the Guardian Eastern Insurance Company Ltd., London, and is an authorized Lloyd's representative in this country.

Ihud specializes in the arranging and managing of complex insurances of a comprehensive nature, especially industrial insurances, building contractors insurances and marine insurances. Furthermore, being an expert in the field, Ihud is the leading insurance agency of the diamond industry in Israel.

The Board of Directors of Ihud consists of: Dr. Ernst Lehman, Ramat Gan — Chairman; Mr. Moshe Amit, Ramat Gan; Mr. Wilhelm Hauk, Tel Aviv; Mr. Ami Zakai Meirowitch, Tel Aviv; Mr. Arieh Weinberg, Tel Aviv; Mr. Baruch Yekutieli, Tel Aviv; Managing Director — Mr. Shmuel Paul Lustig of Tel Aviv.

General Manager — Mrs. B. Carmel of Ramat Hasharon.

Head Office: Tel Aviv, 6 Ahuzat Bait St., P.O.B. 2966. Tel. 51381. Telex: 033-504.
Jerusalem Branch: Beth Yoel, 33 Jaffa Street, P.O.B. 2141. Tel. 227351.

Haifa Branch: 53 Jaffa Street, P.O.B. 1339. Tel. 535201-2-3.

Nathanya Branch: 8 Shaar Hagai Street, P.O.B. 2201. Tel. 23889.

SELA INSURANCE COMPANY LIMITED

Sela was founded in 1938. The capital and reserves of the company at 31.12.71 amounted to IL 3,072,822.

Sela is active in all branches of insurance. Sela is an insurance company under the control of the Bank Leumi LeIsrael B.M. concern.

The company's premium income for 1972 will amount to 22 million Israeli Pounds. The Board of Directors of Sela consists of: Dr. Ernst Lehman, Ramat Gan — Chairman; Mr. Moshe Amit, Ramat Gan; Mr. John Furman, Tel Aviv; Dr. Yehuda Gruengard, Tel Aviv; Mr. Abraham Levin, Tel Aviv; Mr. Arieh Weinberg, Tel Aviv; Mr. Baruch Yekutieli, Tel Aviv; Managing Director — Mr. Shmuel Paul Lustig of Tel Aviv.

General Manager — Mrs. Bella Carmel of Ramat Hasharon.

Head Office: Tel Aviv, 6 Ahuzat Bait St., P.O.B. 2966. Tel. 51381. Telex: 033-504.

Jerusalem Branch: Beth Yoel, 33 Jaffa Street, P.O.B. 2141. Tel. 227351.

Haifa Branch: 53 Jaffa Street, P.O.B. 1339. Tel. 535201-2-3.

Nathanya Branch: 8 Shaar Hagai Street, P.O.B. 2201. Tel. 23889.



ARARAT
INSURANCE COMPANY LTD.

The Ararat Insurance Company was established in 1949 by Israeli Industrial interests, and took its first steps in a small office and with a staff of three.
The company was strengthened in 1952 by a group of former South African investors. They gave the firm a considerable impetus, enabling it to make decisive progress. Until 1963, Ararat concentrated mainly on elementary insurance, for Industry, Trade, Commerce, Professionals and similar specialised groups.
In the first 14 years of its existence, active in elementary insurance, Ararat was able to firmly establish itself and train a highly qualified and professional staff of experts. In 1963, after having consolidated its position, acquired a large circle of customers and established its respected place in the family of Israeli Insurance, Ararat entered a new field — Life Insurance.
This quickly became a major aspect of its activities. The tremendous growth and development made by the Life Insurance department were the result of the special attitude the company displayed to its clients.
The Life-Insurance branch grew from IL 2 Million in 1963 to IL 275 Million by the end of 1972, and by the end of 1973, a further growth in this field is confidently expected.
Ararat has a range of life insurance policies to suit every individual need, and is served by a highly trained team of professional agents.
The executive officers of the company are:
Mr. Phillip Zuckerman — Managing Dir.
Mr. David Balaban — General Manager
Mr. Raphael Traub — General Manager
Head Office: 32 Yavne Street, Tel Aviv.
Jerusalem Branch: 5 Ben Yehuda Street.
Haifa Branch: 5 Habankim Street.

LA NATIONALE ISRAEL INSURANCE CO. LTD.

La Nationale Israel Insurance Co. Ltd. was incorporated in 1961 as a subsidiary of the "Groupe des Assurances Nationales", one of the leading European insurance companies. The latter Company, founded in 1830, was one of the first European insurance companies to transact business in Palestine, having an active agency in this country from 1908 and until foundation of the new company.

During the past few years the business has been diversified to include, in addition to Life Insurance, all the principal classes of elementary insurance. In consequence, the account has multiplied several times over. The company is represented by a network of agents, who are ready to serve the public in all the principal towns and cities of Israel.

Mr. Simon En-Dor is Chairman and Managing Director of the Company.

Head Office: 87 Allenby Road, Tel-Aviv, Tel. 624327-9; P.O.B. 987; Cables Natassur.



★

ASSOCIATION OF LIFE ASSURANCE COMPANIES OF ISRAEL LTD.

In 1957, on the occasion of introducing linked life assurance, the assurance companies have concluded that for the normal activity of the companies dealing with life assurance it would be desirable to establish a special "roof company" which will represent them in various joint problems. Out of this necessity has been founded the representing society of the life assurance companies.

In 1967, as a result of the accumulated experience of the past ten years and in view of the necessities which arose during the activity, the societies arrived to the conclusion that in order to accomplish efficiently and normally the tasks of the joint interests of all the companies it is desirable to found a society with limited guarantee which will take upon itself the role of a representative society as well as of supplementary duties arising from the development of the life assurance sector in Israel. This society took shape under the name of "Association of life assurance companies of Israel Ltd.", its share-holders being all the Israeli companies working in life assurance.

One of the important rules guiding the societies in establishing the joint roof-society was that this frame will comprise exclusively Israeli societies. The directors of life assurance companies have considered in the past and cantinue to consider the field of life assurance not only as a commercial factor but also as a sector strictly linked-up with the national economy of Israel and as an auxiliary branch of the national budget through productive investments, and various insurance-projects of a social and economic aspect, thus offering a ferm economic fundation and a full security for the money of the assured people.

The Association of Life Assurance Companies of Israel Ltd. acting as mentioned above on a basis of shares distributed among the companies united in the Association (all the twenty Israeli companies working in life assurance) is conducted by a management elected by the share-holders.

In all problems of life assurance the Association represents the companies before the government, the economic and public bodies as well as before the public.

Inter alia the Association deals with the performance of the companies' investments which are continously increasing concomitant with the growth of the branch, the control of tariffs, the preparation of various assurance projects, public relations, research, promoting the consciousness of life assurance in order to enlarge the circle of the assured people, planification, training, professional ethics and all the joint interests of the companies, in all branches and business.

The Association has nominated two commissions: 1) the income-commission; 2) the professional commission.

There exists also a large system of functions in specific domains incumbent upon the Association and its activities aiming to a permanent expansion including an increasing number of fields of activity, while the assurance companies make possible and claim to be represented in supplementary joint activities.

Chairman of the Board of Directors — Mr. A. R. Taiber.
General Manager — Mr. S. Golomb.
The offices: 94 Allenby St., P. O. Box 240, Tel-Aviv; tel.: 623202, 611850.

KADIMAH INSURANCE OFFICE LTD.

Kadimah Insurance Office Ltd., is one of the oldest Lloyd's Cover Holders in the country, serving the insurance requirements of Trade and Industry in Israel for decades. Kadimah is able to meet all insurance needs of Israel. We offer Policies in all Branches of Insurance, based on a highly qualified staff. Full guarantee is given for best personal service and quick settlement of claims.

HEAD OFFICE: TEL-AVIV, 6 Rothschild Blvd., P.O.B. 2875, TEL. 50841-2-3

BRANCH: HAIFA, DEREKH HAATZMAUT 51, P.O.B. 112, TEL. 68500, 68944.

ISRAEL INVESTORS CORPORATION

Israel Investors Corporation was established in 1960. It was initiated by the late Prime Minister — Levi Eshkol, and the Finance Minister — Pinchas Sapir.

The Founders of the Corporation are: Mr. Samuel Rothberg — the National Chairman of State of Israel Bonds, and Mr. Louis H. Boyar — Chairman, Executive Council of State of Israel Bonds. The aim of the Corporation is to raise investment capital for the development of the Country and mainly for the furthering of the Israel industry and exports.

The capital of the Corporation is 30 million dollars and this capital is invested in approximately 38 plants and enterprises in the Country. Among the prominent investments of the Corporation are: The Industrial & Development Bank of Israel Ltd., Plaro Production of Corrugated Cardboard Ltd., Israel Tractors & Equipment Co. Ltd., Electromechanical Industries (Frutarom) Ltd., "Magal" Israel Gas Enterprises Ltd., Beged-Or (1968) Ltd., Kitan Dimona, Beged-Or Bis (1972), Maskit and others.

The President of the Corporation is Mr. Samuel Rothberg: The Chairman of the Board of Directors is Mr. Louis H. Boyar: The Vice-President and Managing Director in Israel is Mr. Shimon Y. Horn: The Secretary Treasurer is Mr. Julian B. Venezky.

Address in U.S.A.; Israel Investors Corporation, 850 Third Avenue, New York, N.Y. 10022.

Address in Israel: 32 Ben Yehuda Street, Tel Aviv; tel.: 57147.

KOOR INTER-TRADE LTD.

Koor Inter-Trade Ltd. is the trading division of Koor Industries Ltd., the largest industrial group in Israel. The division operates through four Wings:

OVERSEAS MARKETING

ALDA ISRAEL FOREIGN TRADE CO. LTD. with its 22 branches conducts export, import and international trade of all types. ALDA markets the products of 300 Israeli manufacturers including those of Koor plants, of Kibbutz industries and private producers.

SOLCOOR INCORPORATED NEW YORK deals with export and import to and from Israel and the U.S.A.

KOOR INTER-TRADE LTD. — Liaison Office Tokyo, Japan.

INDEPENDENT BRANCHES.

PROJECTS

KOOR INTERNATIONAL PROJECTS (KIP) was established by Koor Inter-Trade Ltd. to promote and build industrial, agricultural and tourist projects in developing and developed countries.

PLANTS OVERSEAS

MARKETING AND SERVICES IN ISRAEL

SOLCOOR MARKETING & PURCHASING CO. LTD. is the largest marketing agency in Israel for building materials, electric and communications products and ventilating equipment.

KV DESIGN INTERNATIONAL LTD. established in order to extend industrial and graphic design.

TRADE & MARITIME SERVICES LTD. provides full services in international forwarding, custom clearing and warehouse services.

NETRA AGENCIES LTD. (Shipping) is the general agent in Israel for KNSM, Royal Netherlands Steamship Company.

ISKOOR STEEL SERVICES LTD. Partnership of KOOR INTER-TRADE LTD. and ISCOR South Africa in order to supply metal works with raw material and semi manufactured products.

The turnover of the KOOR INTER-TRADE LTD. and its affiliates will exceed IL 805 million in 1973 including $ 75 million export.

CLAL ISRAEL INVESTMENT CO. LTD.

Clal was established on May 18th, 1962, as a limited public company. Its founders are: Bank Leumi, Industrial Development Bank, Koor, Solel Boneh, Bank Hapoalim, Foreign Trade Bank, Israel Bank of Agriculture, The Israel Central Trade & Investment Corporation Ltd., Development and Mortgage Bank and Israel Discount Bank Ltd.

At the beginning of 1965 Clal issued 4 series of debentures in an aggregate amount of $ 10.000.000, bearing 7% interest; concomitantly it also issued 4 series of debentures in a total amount of IL 45.000.000.

From 1966 and on the company's share have been quoted on the Tel-Aviv Stock Exchange. Towards the end of 1968 the paid-up share capital reached the amount of IL 75.000.000. The total assets of the company increased from IL 78.3 m. in 1965 to IL 107.6 m. in 1966, IL 116.8 m. in 1967 and IL 187 m. in 1968. During the years 1969-1970 the consolidated assets totalled IL 315.3 m. and the per-share profitability has increased considerably — reaching 13.7% in 1970.

Net profits (after tax) increased throughout the years 1965-1968 from IL 4.5 m. to IL 6.9 m.; net profit per-share increased during the said period from 7.5% to 9.2%.

However, in 1972 profits were higher than ever before, reaching the figure of IL 17.0 m. as compared with IL 12.4 in 1971 — an increase of 37%. The net profit per share for 1972 was 22.1% as against 16.8% in 1971 — an increase of 33%. The company paid to its shareholders a 10% cash dividend for the year 1972, and has alloted 10% bonus shares in addition.

Throughout the decade of its existence, Clal has been progressing and expanding continuously, participating in all fields of Israeli economy, from industry to construction, finance, services, tourism and commerce. Clal's investment policy is based on the principle of diversification: 30% in industry, 30% in building & real estate, 31% in finance and 9% in commerce & services.

The consolidated balance sheet of the group as at December 31, 1972, amounted to IL 696.8 m. as compared with IL 420.5 m. in 1971 — an increase of 66%. However, taking into consideration the recent acquisitions, the major one being the acquisition of The Israel Central Trade & Investment Corporation, the balance sheet for the year 1973 will show a considerable increase.

The company is divided into 5 major divisions, namely:

The Industrial Division

— headed by Abraham Twerski;

The Real-Estate & Construction Division

— headed by Yehuda Tamir;

The Finance Division

— headed by Moshe Steingart;

The Services Division

— headed by David Zafrir;

The Tourism Division

— headed by Uzi Ruskin.

Co-Chairmen of the Board of Directors:

Israel Pollak, Victor Carter.

Chairman of the Executive Committe:

M.B. Gitter.

Co-Managing Directors:

Aron Dovrat, Abraham Friedman.

Head Office: 62 Yehuda Halevi St., Tel Aviv. Tel. 03-622571.

SAUL CATAN

INSURANCE

Tel-Aviv, 1, Ahuzat Bayit St.

Tel. 53488

P.E.C. ISRAEL ECONOMIC CORPORATION

Established in 1926, PEC Israel Economic Corporation is the oldest American investment corporation in Israel, with assets exceeding $ 25,000,000. Through its over 4,500 stockholders in the United States, the Corporation has been the main instrument for American Jewry's direct and effective participation in the upbuilding of Israel's economy.

The Company has the following subsidiaries: Property & Building Corporation Ltd., Suliatan Ltd., Mimex Ltd., General Refrigeration and Electrical Engineers Ltd., ICOA International Ltd., Israel Industrial Services Inc., PEC-Loan Corporation Ltd.

PEC has also investments in the following enterprises: Abic Limited, American Israeli Paper Mills Limited, Distilleries of Assis Limited, Electric Wire & Cable Company of Israel Limited, Elron Electronic Industries Limited, Scientific Data Systems (Israel) Ltd., Scientific Technology Ltd., Enterprises of Assis & Bejarano Bros. Ltd., Israel Can Company Ltd., Klil Non Ferrous Metal Industries Ltd., Nechushtan Wholesalers & Manufacturers Ltd., Tambour Paints Ltd., "Delek" The Israel Fuel Corporation Ltd., El-Yam Bulk Carriers (1967) Ltd., "Arg-El" (Argentina-Israel) Building & Investment Corp., Clal Israel Investment Company Ltd., Discount Bank Investment Corporation Ltd., Israel Corporation Ltd., Mehadrin Ltd., Mehadrin Packing Plants Ltd., Cad Plantations Ltd.

PEC operates also as Israel Representatives for: International General Electric, USA; Combustion Engineering, USA; American Sterilizer Company. As of January 1st, 1969, Discount Bank Investment Corporation Ltd., is acting as PEC's representative in Israel, supervising the latter's activities. PEC's Israel Office is at the premises of Discount Bank Investment Corporation Ltd., 16 Simtat Beith Hashoeva, P.O.B. 1688, Tel-Aviv; Tel. 622902.

UNICO INVESTMENT CO. LTD.

UNICO INVESTMENT COMPANY LTD. is a public company and has a capital stock of IL. 9,554,600, all of which is quoted in the Tel Aviv Stock Exchange, and marketable in U.S. Dollars only. The Board of Directors consists of nine members, the Chairman of which is Mr. Jerry M. Sudarsky, who is also Vice-Chairman of the Board of Daylin Inc.

UNICO INVESTMENT COMPANY LTD. is, in fact, a holding company, and invests in three main fileds of business:

a) Industry

b) Mortgage

c) Land development

After being acquired in 1972 by Daylin, Inc. — an American corporation operating in retail business all over the United States — Unico entered the field of industrial business. Unico's main objectives in industry are to encourage plants in Israel, which can sell through Daylin's outless in the United States.

In the mortgage field, Unico holds a 100%-owned subsidiary, named Home Loan Mortgage Bank of Unico, Ltd., which grants loans directed by the Ministeries of Housing and of Finance. The Bank's program for granting loans amounts to IL. 22.000.000 for the fiscal year 1973/74.

The Managing Director of the Bank is Mr. Isaac M. Behar, who was Controller of Tefahot Israel Mortgage Bank Ltd. before joining Unico.

In the land development area, Unico invests in several land development companies, in partnership with Local Authorities and other private parties.

Tel-Aviv, Shalom Tower, 9 Ahad Haam St. P.O.B. 1163; Telepohne 57222;
Cables: UNILAND

SHEKEM LTD.

Shekem, a Co. Ltd. owned by the Government of Israel, was established in 1951 with the object of providing services to the members of the armed forces and to their families.

As of later date, the Shekem services are provided also to the members of the Israel Police Force, to retired ex-Service personnel and their families, as well as to civilian employees of the institutions connected with the Ministry of Defence. In order to carry out these tasks, Shekem has set up throughout the country a chain of various installations such as Canteens in towns and in military camps, and at road junctions, Mobile Canteens, Mobile Bookshops, Quick-Bars, Officers' Clubs, Resthouses and Department Stores.

Catering and providing canteen services for the army units are, of course, amongst the prime functions of the Company, and a considerable part of these tasks are carried out under field conditions. The company supplies all the necessary commodities to the Canteens and supervises their functioning.

Shekem operates also a bakery, as well as a meat and sausage plant, which are a necessary arrangement to ensure both permanent high quality of these products and stability of prices.

The Department Stores are at the disposal of all members of Israel Defence Forces, as well as for their families and other special authorized customers.

The annual turnover has reached, for 1972/73 approx. IL. 385,000,000. The Company's shares and capital, are entirely held by the State; profits are not distributed: they are invested in building and setting up of new premises, in the improvement of services and in further reductions of prices, granted to customers. Shekem's Board of Directors is appointed by the Minister of Defence, and consists of representatives of the Ministry of Defence, the G.H.Q., the Israel Police Force, the Ministry of Finance, and the Managing Director of the Company. Shekem's Head Office is located at 8, Shderot Yerushalayim, Tel Aviv-Yafo 61080; Tel. 823131, 820142; P.O.B. 8274; TLX, 033—497.

FEDERATION OF BI-NATIONAL CHAMBERS OF COMMERCE WITH AND IN ISRAEL

This Organization, to which all Israeli bi-national Chambers of Commerce in this country & abroad are affiliated, is dedicated to dealing with problems common to all the Chambers. The Federation is also instrumental in organizing the international conventions of these institutions (at three yearly intervals) as well as their regional conventions held in different parts of the world. The Officers of the Federation are as follows:

Mr. **A. Chelouche** — **Chairman** of the Federation, representative of the Israel—America Chamber of Commerce & Industry Inc.; Dr. **K.A. Moosberg** — **Vice-Chairman** of the Federation, representative Israel—Japan and Israel—Germany Chambers of Commerce; Mr. **E. Gousman** — **Vice-Chairman** of the Federation, representative Israel—Sweden Chamber of Commerce; Mr. A. **Kolodny** — **Honorary Treasurer** of the Federation, representative Israel—Danish Chamber of Commerce; Mr. M. Passweg — Anglo—Israel Chamber of Commerce; Mr. E. Izaks — Netherlands—Israel Chamber of Commerce; Mr. S. Pridan — Israel—Swiss Chamber of Commerce; Mr. J. Sinigaglia — Israel—Italy Chamber of Commerce; Mr. Y. Ziv — France—Israel Chamber of Commerce; Dr. J. Weissbarg — Israel—Belgium Chamber of Commerce; Mr. H. Zuckerman — Executive Director; Mr. **E. Izakson** **Honorary President** of the Federation; Dr. A. Neaman, **Vice-Chairman** of the Federation, representative of Canada—Israel Chamber of Commerce & Industry (Israel); Mr. S. Ben Porat — Federation of Israeli Chambers of Commerce; Mr. E. Racine — Israel—France Chamber of Commerce; Mr. Z. Shahaf — Israel—Latin America Chamber of Commerce; Adv. J. Ben-Amittay — Israel—Latin America Chamber of Commerce; Mr. J. Mazur — Ministry of Commerce and Industry; Mr. S. Tzur — Israel Export Institute; Mr. A. Even — Manufacturers' Association of Israel; Mr. S. Moriel — The Chamber of Commerce

& Industry Israel—Africa and the Malagasy Republic.

Executive Director: Herzl Zuckerman, O.B.E. The Offices are at 82, Allenby Road, Tel-Aviv; P.O.B. 1127; Tel. 613091.

JERUSALEM

CHAMBER OF COMMERCE

Presided over by Mr. **Menaché H. Eliachar,** the Chamber of Commerce of Jerusalem was first established and incorporated in 1908 as the official mouthpiece of the economy under the Ottoman rule; reorganized after the British occupation of "Palestine" in 1919, with the late Mr. E.P. Shelley, Hon. Secretary and later President till 1948.

Vice-Presidents: A. Ashbel, E. Bodankin, A. Daskal, A.P. Michaelis, Y. Perlman.

Present membership: 312 firms, importers and exporters, wholesalers, distributors, industries, banks, and financial corporations, in Jerusalem and the district.

A non-profit organization, strictly non partisan, primarily devoted to the development of trade and industry of the country with special stress on Jerusalem, its capital.

Services: Promotion of imports, exports, investments, commercial arbitration, experts reports, issue of certificates of origin, reference library of trade guides, reading room for residents and visitors.

Recent activities: Host to the 107th Council Meeting of the International Chamber of Commerce (ICC) in March, 1966; promotion of Jerusalem Bonded Warehouse at the Railway Compound; founded the Jerusalem Economic Club and is active in its management; established and manages the Jerusalem Commercial Fund Ltd. (Loan Fund); initiated an economic research of the state of business in Eastern Jerusalem, supports the planification of modern commercial areas in Jerusalem and especially of a new commercial center co-owned by Jews and Arabs, in the heart of the city; pays attention to the need of locating a new wholesale center; plays an important role in strengthening ties with the "Jerusalem Seaport" Ashdod; supports the demand to reactivate Ataroth (Kalandia) as an international Airport for Tourism & Goods Traffic; pushes pressure on the competent authorities for a modern air terminal in the Capital; cooperating closely with the local urban authorities for the modernization of Jerusalem's road and transport nets; represents at high-level the demands for overhauling of the Jerusalem Railway Station; member of the Coordinating Bureau of the Employers' Organisations; initiated foundation of the Beer-Sheva Chamber of Commerce and Industry.

Publication: Bulletin of the Jerusalem Chamber of Commerce (Hebrew-English), with a special feature: "Export & Import Inquiries Column". Address: 10, Rehov Hillel, Jerusalem; P.O.B. 183; Tel. 223025.

CHAMBER OF COMMERCE TEL AVIV–YAFFO

Founded in 1919, Tel-Aviv-Yaffo Chamber of Commerce is the largest in Israel, with about 1,200 members. It is a non profit public organization and does not take sides in party politics. Its activities are virtually the same as those of other Chambers of Commerce, and it works on the one hand for the good of the business community as a whole, and on the other hand to help individual members. The constitution of its governing bodies: Board, Council and Advisory Board, ensures that all kinds of business interests are represented, finding in this Institution their spokesmen. Its services consist of negotiations with the import, export and wholesale trade; transport customs, insurance, banking and tourist authorities; providing statistics, and answering local and overseas enquiries. It also provides Certificates of Origin — as well as other types of certificates. Other activities include: arbitration and surveys, a commercial library, etc.

The motto of this Chamber of Commerce is: "When in doubt, please apply to your Chamber of Commerce".

President, Mr. A. Benyacar.

Offices: Tel Aviv, 84, Hahashmonaim St. Chamber of Commerce Building, P.O.B. 501, Tel. 288224-5-6; Telex: 33484 CHCOM/IL; Cables: CHAMBERCOM.

ANGLO-ISRAEL CHAMBER OF COMMERCE (ISRAEL)

The Chamber of Commerce was founded in 1951 for the purpose of encouraging the development and extension of mutual trade between Israel and the United Kingdom and countries of the British Commonwealth. The Chamber deals with all problems connected with the promotion of reciprocal trade, shipping and industrial representation and in particular in recommending the appointment of agents in Israel and, through the offices of its sister Chamber in London, of agents for Israeli manufacturers in the United Kingdom. It collects and distributes current information and statistics relating to such trade, and makes representations to the Israel Government and other official bodies in such matters as may be considered conducive to the increase of trade between the two countries.

The Officers of the Chamber are as follows:

Hon. Pres.: Dr. A.S. Arnon, C.B.E.; Mr. A.S. Cohen, C.B.E.;

Chairman: Mr. E. Izakson;

Vice-Chairman: Mr. Ephraim Gousman;
Vice-Chairman & Hon. Treasurer: Mr. A. Sacharov;

Vice-Chairman & Hon. Secretary: Mr. M. Passweg;

Members:
Messrs. A. M. Arbib, M.B.E., I. Bar Itzhak, A. Bergner, B. Blai, J. Bokstein, M. Boren, J. Elyachin, I. Gal-Edd (Chairman Jerusalem Branch), N. Jacobs, Z. Kenan, Dr. A. Lerner, E. Ouhanna, R. Rurka, Y. Saker, I. Shaked, L. Shalit, M. Shavit.

General Secretary: H. Zuckerman, O.B.E.

Offices: 82, Allenby Road, Tel-Aviv; P.O.B. 1127; Tel. 613091.

לשכת המסחר והתעשיה חיפה

THE HAIFA CHAMBER OF COMMERCE AND INDUSTRY

53 HAATZMAUTH RD., HAIFA — P.O.B. 176 — TEL. 663471

Founded in 1921, has some 650 members. They include Importers & Exporters, Industrialists & Wholesalers; Banks & Insurance Companies; Shipping Companies & Foreign Trade Agents; Customs' Agents etc.
The Chamber offers the following services:—

* ייעוץ בקשר לנוהלי יצוא ויבוא, מכס וכד'.
* טפול, אינפורמציה וייעוץ בעניני הובלה ימית, במסגרת ה־Israel Shippers' Council — אגוד המשתמשים בהובלה ימית.
* אספקת כל הטפסים הדרושים בשטחי היבוא והיצוא.
* המלצות להקצבת מטבע חוץ לצורך נסיעות מסחריות לחו"ל.
* המלצות כלליות ותעודות, אשור חברות בלשכה ליוצאים לחו"ל.
* טיפול בבעיות מקצועיות של ענפי הלשכה השונים.
* מנוי בוררים מוסמכים לישוב סכסוכים מסחריים.
* מנוי אקספרטים לצורך בדיקת מטעני יבוא ויצוא ואשור אקספרטיזות.
* ספרית קטלוגים ומדריכים מסחריים מרוב ארצות העולם, כולל תעריפי מכס.
* פניות מחו"ל לקשרי מסחר — יבוא ויצוא.
* ייעוץ והדרכה בבעיות של יחסי עבודה: שכר, תוספת יוקר, פצויי פטורין וכד'.

The Secretariat of the Israel Shippers' Council is located in the offices of the Haifa Chamber of Commerce & Industry.
President: Mr. J. ROSH General Secretary: Mr. A. MEHULAL

ISRAEL AIRCRAFT INDUSTRIES LTD.

Established in 1953 as a repair and overhaul base, IAI, now a government-owned limited corporation has grown into a versatile aerospace complex serving the needs of the Israeli Airforce as well as those of international aircraft companies.
The company is engaged in diversified aerospace activities: aircraft design, overhaul, repair and production, avionics, medical electronics, navigational communications, weapon and military systems, electro-mechanical components, precision gears, hydraulics and related fields. Its products include the ARAVA 201 STOL, the 1123 Westwind corporate jet and the Gabriel sea-to-sea missile system.
IAI has three major divisions:

- The Engineering Division performs research, design, development as well as the testing of aerospace systems.

- Th Aircraft Manufacturing Division constructs Arava 201 and the 1123 Westwind, and performs subcontract work for other aerospace companies. It also constructs ground support equipment.

- The Bedek Aviation Company does the total overhaul, repair and maintenance for almost every type of fixed and rotary aircraft, military and civilian.

The company's growth has necessitated the establishment of 10 subsidiaries dealing with practically every field associated with aerospace; electronics, hydraulics, precision instruments and mechanisms, plactics, etc.
ELTA Electronics Industries specializes in sophisticated airborne and navigational electronic equipment.

MBT is concerned with advanced electronic research, design and production s.a. the development of the Gabriel missile system.
S.H.L. (Servo-Hydraulics Lod) develops, manufactures hydraulic and fuel system components.
TAMAM Precision Mechanics Ltd. produces actuated chucks, miniature gears, clutches, brakes and differentials.

ORLITE Engineering Ltd. is a custom moulder of reinforced plastics; it produces parts for aircraft, trucks and naval products.

TURBOCHROME Ltd. specializes in the application of corrosion and abrasion resistant coating by a diffusion process to hot section jet engine components.

GOLAN METAL & ELECTRONICS Industries turn out metal and electronic components.

TEUD produces the technical and commercial publications of all the divisions.

Experience and knowhow accumulated during IAI's twenty years of existence have enabled the Company to undertake the complete production (under licence from France) of the Fouga Magister twin-jet trainer. This was followed in 1967 by the modification of the civilian aircraft Jet Commander into the highly competitive 1123 Westwind — a ten-seator executive jet. IAI also produuced the ARAVA, the first all-Israeli designed and developed aircraft. The Arava is a twin turboprop multipurpose STOL transport, good for military and civilian usage.

Another IAI development, and one of its many contributions to Israel's security is the Gabriel sea-to-sea missile, the first weapon of its kind to become operational in the West.
All these activities employ 14.000 workers for whom IAI provides extensive training and advancement schemes.

Management:

A. W. Schwimmer, President; A. Ben-Yoseph, Executive Vice President; I. Roth, Executive Vice-President; E. Wohl,, Executive Vice President; S. N. Ariav, Senior Vice President and General Manager Aircraft Manufacturing Division; S. Yoram, Senior Vice President and General Manager Bedek Aviation Division; Prof. Y. Singer, Senior Vice Presidnt and General Manager Engineering Division; A. Ostrinsky, Vice President Personnel & Administration; Z. Yaari, Vice President Central Servces.

Lod Airport, Tel. 973111.

VULCAN FOUNDRIES LIMITED, HAIFA



Vulcan Foundries Ltd., is a member of Koor Industries Ltd., Israel's largest industrial network comprising 64 plants all over the country.

Vulcan, the country's largest foundry, was established in 1933. Being one of the veteran industries of Israel, it has acquired the most intensive knowhow and experience in foundry operations as well as in general industrial management.

Vulcan today incorporates three major production divisions:

a) Foundry Division
b) Mechanical Division
c) Plastics Division

THE FOUNDRY DIVISION: Is the largest one and can in itself be divided into three sections — Grey Iron Castings, Steel Castings and Non-Ferrous Metals Castings.

Both mass production (conveyor system) as well as manufacture of specials and single pieces (floor moulding) are in operation.

The major part of Vulcan's grey iron production are its well-known standard product lines, such as: Cast iron bathtubs, pipes and fittings for sanitary installations, sewage and drainage, and a large number of standard castings for many of Israel's leading industrial plants like: Isasbest, factories for electric motors and sewing machines, manufacturers of water meters, ingot moulds and spare parts for the Israel Steel Works and for various Government departments and enterprises etc.

The volume of the foundry's grey iron castings is continuously on the rise. For 73, a volume of 11,000 tons is envisaged. Vulcan's share of the Israeli castings market is estimated to be 70 per cent.

Late in 1968 Vulcan started production of **Steel Castings.** After the installation of electric furnaces it is the only one in Israel capable of casting steel bodies from two-and-a-half to three tons each. The plant is already executing substantial orders for high-grade steel castings.

In order to be able to meet the increasing demands for steel castings, Vulcan is now in the process of carrying out considerable investments with a view to raising its steel casting capacity up to 1,500 tons per year.
THE MECHANICAL DIVISION: Includes production of vertical centrifugal deep-well and horizontal pumps, gate valves up to 16" diameter, cement mixers and other building equipment.

THE PLASTICS DIVISION is the youngest of Vulcan's production lines but nevertheless has already supplied diverse equipment for the chemical industry in Israel made of glass reinforced polyester with rigid PVC, "Polypropelene" or other linings. In 1970 the process of Filament Winding was introduced based on a know-how agreement with a well-known American company which enables the production of tanks and containers up to 1,000 cubic metres capacity. Among its various products, the following are notable: Mixers for chemical processing, settling tanks, evaporators, aeration channels and ducts for chemical purposes, etc.

Plastic Bathtubs. In addition to the above, the Plastics Divisions has started development of plastic bathtubs from durable "Perspex" which are being put on the market along with the well-known cast-iron enamelled Vulcan Bathtubs.

Vulcan Foundries Ltd., employs at present 630 workers. The growing need for additional manpower is being met partly by increased mechanization and improved working conditions and partly by training of youths in a vocational foundry school operated by Vulcan.

A turnover of 26 million for 1972, and a sales volume of appr. IL. 30 million for 1973, is anticipated.

General Manager of Vulcan Ltd. is Mr. A. Karszon; the Head Office and plant are located at the Haifa Bay, Haifa 31000, P.O.B. 624; Tel. 721304.

THE ISRAEL PORTLAND CEMENT WORKS "NESHER" LIMITED

In 1923, the late Michael Pollak, laid the foundation of the Cement Works at Nesher, near Haifa.

At that time, the erection of a Cement factory was a daring venture but its founders, men of vision and foresight, believed in the "Yishuv's" future and in the possibilities for the plant to play an important part in the country's upbuilding, and gave it the name of the King of Birds, "NESHER", appropriately expressing their soaring aspirations. In January, 1946, the ownership of the enterprise passed into new hands: 50% to the "Histadruth" enterprises (at present "Koor" Industries Ltd.) and 50% to private investors (Central Trade & Investment Co.).

From a modest beginning, with 3 shaft kilns and an annual output of 50,000 tons in 1925 — a large enterprise developed, with 4 rotary kilns — yearly output of 750,000 tons at present. In 1953, a second plant was set up in the immigration town of Ramle, and played an important part in the town's stabilisation, creating work for its recently arrived inhabitants. In addition, new efficient working methods and ameliorations, were introduced, which considerably increased the output of the 2 plants, improved the quality of the product, and largely reduced the work-hours in relation to finished product units. Today, the yearly output of both plants has reached 1,350,000 tons of cement.

In 1970 erection of a third cement plant in Hartuv, of a yearly capacity of 600,000 tons has been started. The plant will be ready for production early in 1973, when Nesher's total yearly production will reach a figure of almost 2,000,000 tons.

All raw materials necessary for production, apart from fuel, originate in the country, and 600 families, apart from many hundreds indirectly employed, earn their livelihood in the 2 plants in Haifa and in Ramle.

The range of cements manufactured by Nesher includes:

1) Ordinary Portland Cement in accordance with Israel Standard No. 1, British Standard 12/1958, and American Standard ASTM-C 150/56.

2) Rapid Hardening Cement.

3) Sulphate Resisting Cement.

"Nesher" has established, jointly with a Finnish concern, a special plant for the manufacture of Paper Bags for packing cement: The Paper Products Manufacturing, Ltd. This plant also supplies packing material to various other Israel industries.

General Managers: Mr. Shalom Z. Prywes; Mr. Z. Erdinast.

HEAD OFFICE: Tel-Aviv, P.O.B. 29835, Tel. 52361;

HAIFA PLANT: P.O.B. 1696, Tel. 04-221141;
RAMLE PLANT: P.O.B. 5, Tel. 03-961282.
HARTUV PLANT: P.O.B. 64, Beit Shemesh, Tel. 02-911627.

The editorial board of
WHO'S WHO IN ISRAEL

(including Jewish notables engaged in pro-Israeli activity all over the world) is interested in biographical sketches of people working for Zionism and for the Israeli cause, everywhere !
Please contact :

BRONFMAN & COHEN, PUBLISHERS LTD.

12, Petach Tiqwa Rd., Tel-Aviv ; P.O.B. 1169 ; Tel. 612480

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ISRAELI STEEL MILLS LIMITED

The Israeli Steel Mills Ltd. ("Mifaley Plada Isra'eliyim" B.M.), was established in 1959 as a subsidiary of Koor Industries Ltd., Israel's largest industrial venture owned by the "Histadrut" (The Israeli Federation of Labour).

At present, the Israeli Steel Mills comprise a steelmaking plant, consisting of two 50 ton basic open hearths, with an annual capacity of 60.000 metric tons each; one merchant rolling mill, consisting of one 18" breakdown, one 17" roughing and one Morgan (110.00 tons capacity per year), one profile mill (30.000 tons capacity per year).

Output in 1972: Ingots (65,000 tons); Billets (60,000 tons); Concrete Reinforcing Rounds 8 mm — 30 mm (110,000 tons), partly from imported billets; Small Shapes and Angles 25x25 — 60x60 (15,000 tons). The forecast for 1973 is a production of 65,000 tons Ingots, 70,000 tons Billets, 135,000 tons Reinforcing Bars and Angles.

According to the development programme in progress, 2 electric arc furnaces and 2 continuous casting machines, with an annual capacity of 1/4 Million metric tons, will be erected. The rolling mills will be modernized and the capacity increased to match.

Capital: Authorised, IL. 27,000,000 ordinary shares, IL. 15,000,000 deffered shares; issued, IL. 27,000,000 ordinary shares and IL. 15 mil. deferred shares.

Ownership: Koor Industries Ltd., Tel-Aviv, Israel and Korf Industrie und Handel GmbH., Baden-Baden, Germany.

Directors: A. D. Sela, J. Bernthal, H. Wendt.

Sales Offices are maintained for Israel in Tel-Aviv, 99 Ben-Jehuda St., by Solcoor Marketing & Purchasing Co.; for Overseas in the U.S.A., by Solcoor Inc., 850 Third Avenue, New York 22, N.Y.

Head Office: Akko, Industrial Area, P.O.B. 1708, Haifa; cables: Irgul Haifa; Tel. (04) 714171; Telex: (04) 4893.

THE ISRAEL GLASS WORKS "PHOENICIA" LTD.

Founded in 1934; present paid-up share capital approximately IL.7 million, whereof approximately IL. 3 million quoted at Tel-Aviv Stock Exchange.

Main subsidiary companies :

Phoenicia Flat Glass (Haifa) Ltd.,
The Israel Safety Glass Co. Ltd.
Phoenicia Containers (1970) Ltd.,

Production :

Drawn Sheet (Window) Glass 1.2 to 25 mm. (10 oz to 1");
Laminated and Toughened Safety Glass;
Glass Containers, (Bottles, Jars and Antibiotic Phials);
"Tanin" Coated Abrasives on Paper and Cloth.

Overseas direct exports average 50% of total turnover.

Managing Director: **Mr. Jehuda Seelig**

Main plant and offices :

Haifa-Bay Ind. Zone — P.O.B. 168 Haifa
Cables: Phoenicia Haifa — Tel.: 723261 — Telex: 04.769

ISCAR LTD.

HARD METAL TOOLS AND TIPS

ISCAR LTD., manufacturing hard metal and hard metal tools and tips, was founded in Nahariya in 1952 by Stef Wertheimer. Today it is co-owned by Mr. Wertheimer and the Discount Bank Investment Corporation.

Iscar began as a small workshop manufacturing precision tools. Over the years it has acquired knowhow in varied branches of hard metal production from many sources both in the United States and Europe, and has recently begun to export knowhow of its own in this field.

In 1967 a sales branch, Iscar Metals Inc., was opened in New York, which has brought about a three-fold increase in sales to the United States. Another branch, Iscar Hartmetall GmbH, was opened in W. Germany in 1972, to service this market.

To facilitate Iscar's continuous growth an Industrial school was founded 8 years ago, together with Isasbest Ltd., a neighbouring factory.

The construction of a new office/laboratory building which is to be finished during 1973 will conclude the present stage of development of the factory, bringing the total factory area up to 6,000 sq.m. The company now employs over 300 people.

Iscar currently exports more than 50% of its production to over 20 countries, including the United States, most Western and some Eastern European countries, as well as several African, S. American and East Asian countries.

Iscar produces a full range of tungsten and titanium carbide tips and tools for the wood and metal industry, dies, and has also started marketing ready to press powder together with know-how for the manufacture of tools and tips.

Total sales in 1972 amounted to IL 16,500,000 and it is anticipated that sales will reach the IL 20,000,000 mark in 1973.

Two years ago Iscar has started a large scale research and development program in co-operation with the Material Processing Laboratory of the Technion. This program has led to outstanding improvement and upgrading of Iscar carbide tools, which have since been approved by the largest American and European Aeronautic and Automotive manufacturers.

Nahariya, P.O.B. 24, Israel. Tel. 04-924242. Cables: ISCAR NAHARIYA. Telex: 4-696.

URDAN METALLURGICAL WORKS LIMITED



The Urdan Foundries consist of 3 separate departments:

a. Malleable Cast Iron (Temperguss) Foundry;
b. Steel Foundry;
c. Meehanite Foundry.

The main product is pipe fittings from 1/4" to 3" incl.

The Malleable Iron Foundry specializes in manufacturing all kinds of spare parts of agricultural machinery, motor cars and also vices and working tools made to special orders. Main product is pipe fittings sizes from 1/4" up to 3".

The Steel Foundry produces parts for Heavy and Earth Moving Equipment, Quarry and other Machinery Parts. It casts all parts of Standard Steel, Mangan, Chrom-Nickel, Armoured Steel, Ni-Hard and all other Alloy-Steels, according to special order.

The Meehanite Foundry was established in cooperation with the world-renowned Sorbo-Mat USA Company, owners of the Meehanite Patent. Meehanite is specially suitable for Brake Drums and other parts with good machinability and high quality.

The enterprise employs approx. 330 workers (administrative staff incl.) and is managed by Mr. M. Tamari.

Urdan is owned by The Israel Central Trade and Investment Co. Ltd., Tel-Aviv.

Office: Tel-Aviv, 44 Lilienblum St., P.O.B. 2665, Tel. 625909. Cables: URDANCO.

Factory: New Industrial Centre Nathanya; Tel. 053-23432.

HAARGAZ LTD. METAL AND WOOD INDUSTRIES

"Haargaz" has been initially founded as a cooperative venture in 1932 and became a limited company in 1945. Presently, "Haargaz" is one of the most prominent Israeli industries, operating three separate plants, which cover a total area of 160,000 sq.m., and is endowed with the most up-to-date equipment for metal and wood-working industries. The staff numbers today over 1,000 workers, most of them highly skilled. "Haargaz" Ltd. produces buses for urban and interurban public transportation; tourist coaches; special purpose metal office furniture ; hospital equipment ; fluid containers (jerrycans) for petrol or water; gas cylinders; packing cases; "Bruce" boxes; building carpentry; wooden furniture, etc.

The annual turnover has now reached — IL. 50,000,000.

Lately, "Haargaz" has been specializing in modern furniture for domestic use, which is marketed through its ARDEN subsidiary.

The company is also connected with the following firms, as shareholders: 1) AMCOR Ltd., Tel-Aviv (electric refrigerators and air-conditioning equipment; 2) AMATZ Ltd., Tel-Aviv; 3) PLEESE Ltd., Holon; 4) AMRON, Herzlia; 5) REDMOND-AMCOR Ltd., Jerusalem; 6) AMEX Ltd., Tel-Aviv; 7) AMNUR Ltd., Beth Shemesh; 8) AMCORAM Ltd., Holon; 9) AMZAD SUPPLIES Ltd.; 10) AMOR Ltd., Rishon Lezion; 11) AMCOMAD Ltd., Rehovot.

The Managing Directors of "Haargaz" Ltd. are Yoram Fuks and Yehuda Barkai.

Main Office : 94 Giborei Israel St., Phone 32251-2-3. Cables: Haargaz, Tel-Aviv / Wood Industries Division: Zrifin near Ramla, Phone 961280, 961289 / Metal Furniture Division : TelAviv, 4 Haharash St., Phone 32231-2.

MERKAVIM METAL WORKS LIMITED

Merkavim, one of Israel's leading motor-body builders, which was founded in 1946 under the name of Magen Chatwood Ltd., was re-established at the beginning of 1956 when Koor Industries Ltd., the greatest industrial concern of Israel, acquired all of the company's shares.

The plant covers an area of 45,000 sq.m., the built-up area exceeding 18,000 sq.m. (which includes 5,000 sq.m. of the recently constructed bus-body assembly shop).

The activities of Merkavim cover a wide field in the metal industries, the main products being as follows: bus-bodies for urban and interurban public transportation; tourist coaches; bodies for commercial vehicles, garbage vans, trailers; chassis frames; products of reinforced polyester; gas cylinders; electric lighting poles, etc.

The technical department is composed of a highly trained and experienced body of engineers. The number of workers and administrative staff about 400.

The Merkavim plant is equipped with a wide variety of modern metal and woodworking machines and therefore can cope with any special order in many fields.

The technical staff of Merkavim maintains frequent contacts with manufacturers abroad and is following closely all latest trends in motor-body construction and design. Recent improvements in the plant's production methods will bring output to nearly 300 bus-bodies per year.

During the years 1968-69 nearly 100 urban-buses were constructed for Romania.

Current annual turnover for 1973 will reach $ 5 million as compared with $ 3 million in 1971 while sales for 1974 are expected to reach $ 7 million.

The Managing Director of Merkavim Ltd. is Mr. Uri Gazit, and the Chief Engineer is Mr. Walter Friendlander.

Factory: Kiryat-Arieh, Petach-Tikva. Phone : 913044.

Postal Address; POB 825, Tel-Aviv.

Cables: Merkavim, Tel-Aviv.

ALLIANCE TIRE & RUBBER CO. LTD.

This enterprise is owned by American and Israeli stock holders.

Consolidated capital and reserves of the company at the end of fiscal year 1972/73 were IL 94,622,000.

Consolidated sales for fiscal year 1972/73 reached IL 190,495,000 out of which approximately $ 20,000,000 were exported to 50 different countries.

The present capacity of the company, including SAMSON TIRE & RUBBER CO., is 40,000 tons of tires and tubes per annum. The company also retreads tires.

A large development program was concluded in 1972/73 and a further program has already been started and will reach the goal of $ 33,000,000 export in 1977/78.

A wholy owned subsidiary, **Alliance Kesarya Polymer Industries Ltd.,** produces various foam products.

The present labor force in all three plants is 2,600 employees.

Hadera, Industrial Zone, P.O.B. 48.

ISRAEL AUTOMOBILE CORPORATION LTD.

Since 1937 the Palestine Automobile Corporation Ltd. has been the sole distributor for Ford products, marketing Ford cars, commercial vehicles and trucks, manufactured in the U.S.A. and in Europe.

The company has three main branches operating in Tel-Aviv-Jaffa, Haifa and Jerusalem as well as subdealers in all major communities. For the convenience of its customers, it maintains large and well stocked depots supplying spare parts and engines and also controls a national network of authorized garages. The Israel Automobile Corporation Ltd. plays a most important role in the automotive trade of the country.

In 1968 the company commenced to assemble the Ford-Escort passenger car and in 1973 Ford Commercial vechicles and trucks.

The Israel Automobile Corporation Ltd. also markets Ford tractors in Israel and supplies locally manufactured or imported agricultural implements, industrial and earth-moving equipment.

The Company has about 330 employees on its payroll.

Fully Owned Subsidiaries:
"HALIF" — Vehicle and Equipment Lease Company Ltd.; long term vehicle lease with purchase option.
"KENES" — Investment and Building Co.

General Managers:
A.L. Loewenstein, Dov Laor.
Owners:
Clal and Boxenbaum Family.

Head Office: Tel-Aviv, 43 Hamasger Street, P.O.B. 975; Cables: P.A.C.; Tel. 33221/5.
Branches: Haifa, 145 Jaffo Road; Tel. 521261; Jerusalem, 14 King David Street; Tel. 24333.

AUTOMOTIVE INDUSTRIES LIMITED NAZARETH ILLIT

The Structure of the Company. The company is a share holding company, under Israeli ownership. Its partners include private investors belonging to Mr. J. C. Boxenbaum's group and to the Clal Israel Investment Co. Ltd.

Knowhow. The Chrysler and Ford companies advise the company on matters of technica' engineering.

The wide-ranging advice, which is given to the company, is unconditional and has great importance to Israeli industries in general.

Production Rate — The first car was assembled in the pant on Octobler 31, 1966. The company began regular work in July 1967. In that year the plant assembled cars at an average rate of four per day.

The assembly rate rose in 1968 to 2400 units; this year the company assembles about 5000 units: Ford and Dodge trucks, from the 3/4 ton pick-up truck to the 16 ton Diesel trucks; Power wagons and other four-weel-drive vehicles; in addition, Ford Escort passenger cars; altogether 15 major types of vehicles.

Manufacturing. The plant has a department for manufacturing the vehicle's metal bodies (e.g. the Power wagon sheet metal, pick-up and truck bodies, ambulances, buses, refrigeration trucks, wreckers, etc.); most of the vehicles assembled in the plant leave the premises completely equipped.

Local Production. The percentage of the plant's local automobile production has now reached 40%; this percentage will, in certain models, soon reach 50%.

The firm is interested in increasing production in the country and for this reason increasing activity in various branches of engineering. This without a doubt will contribute to the raising of the technical level of local industry in many fields.

Quality. The plant has an up-to date quality control department, which maintains a continuous quality check in all work stations. The department has authority for the transfer of different parts from one department to another.

This department is helped by knowhow from Ford and Chrysler and from scientific institutions in Israel.

The quality of the vehicles which the plant assembles and produces, is up to international standards and identical with the original standards of Chrysler and Ford, as confirmed by these companies' engineers, who often come to the plant.

Manpower. The firm today employs some 650 people, part of whom received their training in the plant itself; this, in addition to the engineers and department managers receiving training abroad in Ford and Chrysler plants.

Machinery. The plant has at its disposal means of production, which are among the newest and most perfect in the automotive world and have put it at the head of automobile production in Israel.

These production arrangements enable it in fact to assemble all types of vehicles (from small passenger cars to big and heavy transport vehicles).

The company's uniqueness is perhaps best shown by its ability to produce a special vehicle according to the individual buyer's specifications.

General Manager is Mr. Yinon Esroni.

Nazareth Illit, P.O.B. 535; Tel. 065-55026.

THE ISRAEL TRACTORS & EQUIPMENT CO. LIMITED

Operating in Israel since 1919, as outstanding pioneers in mechanization of agricultural and public works, introducing the first "Caterpillar" combined harvester and first track type tractor (1929), since then sole dealers for Israel of Caterpiller Tractor Co., Hyster Co., J.I. Care Company, Off-highway Good Year Tires, and other U.S. manufacturers. Products include tractors, loaders, bulldozers, pipelayers, motor graders, motor scrapers, off-highway trucks, compaction equipment, engines, diesel generators, marine and truck engines, fork-lift trucks.

As sole dealers, the company provides total services to its customers, beginning with counsulting and engineering services for equipment, mounting and delivery, warranty service, spare parts, field and shop repairs, etc. The company keeps a most comprehensive stock of spare parts for immediate availability and in both workshops, in Haifa and Tel-Aviv maintains a staff of over 100 mechanics.

The main office, service department, workshops, engineering facilities, parts stores, parts department, etc., are in Petach Tikva on a total area of 11,500 square meters. The Haifa branch is situated in Haifa Bay on an area of 10,500 sq. meters, with similar facilities. New modern integrated facilities, including offices, stores and a 12-16 bay repair workshop on a total area of about 40,000 sq. meters, with a built-up area of about 5,500 sq. m. and a paved area of about 5,000 sq.m. are near completion in Holon Industrial Center.

The new facilities, are in the Tel-Aviv area, with good access roads and will contain specialised repairs and rebuilding areas for engines, hydraulics, track components, welding, parts exchange and components assembly, etc. A 1,800 sq. meter parts store will be adjacent to the workshop and the main offices of the company. Also an adequate proving ground for equipment after repair will be included.

These facilities designed and built with the assistance of "Caterpillar" engineers will be most modern and enable quick flow of parts and equipment, shortening supply and repair time.

The present shareholders are: Israel Investors Corp. and G.U.S. Ta'asiyot Ltd.

Gen. Manager, Mr. Hillel Aldaag.

Kiryat Matalon, Petach Tikva, P.O.B. 514; Tel. 919171; Telex: 78118.

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Phones 624759, 623643
PLANTS: Azoor, 11 Timna Street
Phone 843240
Petach Tikva, Kiryat Arieh
Phone 914725
Kiriat Gat, Phone 051-91727

General Manager: **Mr. Shalom Halevy**

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טל. 624759, 623643
ביהח"ר : אזור, רחוב תמנע 11, טל. 843240
פתח-תקוה, קרית-אריה, טל. 914725
קרית-גת, טל. 051-91727

מנכ"ל : מר שלום הלוי

KLIL

The most diversified manufacturing company in the aluminium and light metal branch in the country. It has three plants located in its 50 dunam premises on the Haifa-Acco road, as follows:

a) Extrusion of Aluminium sections;
b) Aluminium window and door factory;
c) Aluminium and Magnesium foundry for premium castings.

Extrusion: The extrusion of metals was the earliest of all: it started in 1951 under the name "TAMI — Non Ferrous Metal Wks," founded by F. Sonino, an active zionist who immigrated from Italy soon after the establishment of the State of Israel.

"Tami" began as a brass rod extruder, but very soon switched over to aluminium, being the first local supplier of aluminium irrigation tubes for the growing agricultural needs of the country. With the constantly growing demand for aluminium extrusions Tami extended its facilities and production scope.

Klil has become the name of the company in 1963, after its shares have been acquired by Discount Bank Investment Corp. and Russco, an American Aluminium Window firm.

To date, Klil operates two extrusion presses: a 750 Ton and a 1600 Ton, and is planning a third press of 1650 Ton in the near future, extruding a large variety of aluminium profiles and tubes for building, transportation, furniture, Television antennas, agricultural and defence applications, for local and foreign markets.

Klil also delivers fabricated and finished extrusion products: — it cold draws tubes, polishes, bends, perforates and cuts to customer's requirements.

More than 7000 different shape dies are stored at the Klil die store, and ten different alloys are extruded following standard specifications and customer's needs. With its 20 years long experience, Klil has won a highly established reputation in the aluminium extrusion market.

Windows and Doors: The aluminium window and door factory started primarily as a manufacturer of high quality low cost windows and doors for residential purposes, tacked with American product design and know-how. It is to day the largest manufacturer of Aluminium building products and the major supplier for the Housing Ministry of Israel. It supplies and errects windows and doors all over Israel.

Since 1969 Klil enjoys the full advantage of its Know-How agreement with General Bronze, the well-known American Window firm.

In recent years Klil has extended its facilities, including in its manufacturing program newer window designs for schools, hotels and other public buildings, as well as entrances, shopping centers and store fronts; Klil windows are installed in very prominent buildings in Israel.

Foundry: In 1969 a new subsidiary company, "SIFAL", has been established by Klil and Messier from France, a leading European premium casting foundry. "Sifal" makes aluminium and magnesium-castings of highly sophisticated quality.

An amply equipped and modern quality control laboratory and staff give "Klil" 's products full quality assurance. The laboratory facilities cover a wide range of quality control demands, such as chemical analysis, mechanical and metallurgical properties, X-Ray, geometrical and ultrasonic inspection, etc.

The number of company employees is 400 and its turnover has reached IL. 22 million yearly.

Managing Director: Mr. B. Kagan.

Haifa, P.O.Box 1682, Tel. 04-711161; Tel-Aviv, 5 Zvi Herman Shapira St., Tel. 03-225780, 03-243566.

AMBIN, PLASTIC BUILDING INDUSTRY LTD.

AMBIN PLASTON

Ambin, Plastic Building Industry Ltd. is the largest enterprise, in Israel, in the production of building materials from Rigid P.V.C. It was established in 1965 as a joint enterprise of Ampa Investment Company Ltd. in partnership with Messrs. Gerstner & Teicher.

The plant, which is located in the industrial zone of Ashkelon, started with the manufacture of P.V.C. doors and has steadily enlarged the variety of its products so as to

answer to the changing and growing needs of the building industry in Israel. Today, the spectrum of Ambin products includes various P.V.C. partitions (low, coated and industrial ones), ceilings, wall coverings, shutters, polyethylene sleeves, and P.V.C. compounds. The plant operates the biggest and most up-to-date machinery for the manufacture of plastic sheets, up to 1½ m. width for various uses.

Ambin has 3 subsidiaries:

AMBIN SHUTTERS LTD., established in 1971, deals mainly with the production of shutters from plastic strips in aluminium frames.

AMBAT INDUSTRIAL BUILDING SYSTEMS LTD., was established in 1972 in co-operation with a group of American investors, for the manufacture of bathtubs of fiberglass based on American know-how, as well as sanitary cells and other products within the government policy of industrializing the building trade.

SIMA SYSTEM ISRAEL LTD., established in 1973, is the owner of a know-how agreement with the Swiss Sima System Intercontinental Company for the exclusive manufacture and marketing in Israel of the Sima System — a multifarious and sophisticated system of aluminium profiles that are adapted for the erection of various light building structures, pavillons for exhibitions, show-windows and show-rooms, interior arrangements of department stores and supermarkets, office systems, ceilings, partitions and many additional and varied uses.

Another stage in the development of Ambin Ltd. was reached by the setting-up of a new furniture department, which specializes in the manufacture of P.V.C. drawers, bathroom cabinets and kitchen cupboards.

Ambin Ltd. does not limit its scope of marketing to the local consumer, but is permanently striving to export its products to foreign markets. For four years, Ambin has won the distinction of "Approved Exporter" awarded by the Government. By now, Ambin Ltd. is exporting its products to Europe and USA.

Industry Centre Ashkelon, Phone 051-2291/2, P.O.B. 10; Tel-Aviv Office: Karlebach St., 7, Phone 267205, P.O.B. 20224; Telegrams: AMBINPLAS.

SU-KEET LTD.

Su-Keet was established in 1956 with the aim of introducing and marketing plastic materials for engineering applications.

Su-Keet began its activities as agents for Owens-Corning Fiberglas Corporation of the United States and Scott Bader Co. Ltd. of England for their range of polyester resins and was instrumental in introducing and developing the reinforced plastics industry in Israel.

With developments in the field of other plastic materials and in the realm of Su-Keet's interests, marketing and stocking operations were begun and today a wide range of materials are maintained in stock to service industry. With further industrial development in Israel, Su-Keet has widened its scope of activities, dealing in engineering materials, as follows: **Thermoplastic:** Lexan Polycarbonate, Rilsan — Nylon 11, Orgamide — Nylon 6, Noryl — P.P.O., Polyurethane; **Thermoset:** Epoxy, Polyester, Fiberglass, Silicones, DAP —Epoxy Premix, Phenolics; **Insulations:** Tapes, Varnishes, Resins, Sleeving.

A qualified engineer is in charge of a technical service department.

Our motto was and remains: Tomorrow's Materials — Today at Su-Keet.

The General Manager of Su-Keet Ltd. is Mr. Aharon Eden.

Su-Keet Ltd. is located at 62 Hamasger St., Tel-Aviv, P.O.B. 20060, Tel. 30244, 31990.

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Agron Ltd.

אגרון בע"מ

Agron Ltd., warehouse equipment and furniture, has won its reputation through its perseverance in the development of storage products for industrial and commercial space and for the home. The company, headed by its manager, Eliezer Grundman, started its activities in 1957. It pioneered in slate slotted angles and metal shelving. It was, subsequently, the first to start merchandising light furniture for the home, a popular product built of steel or wooden supports combined with shelves, writing tables, and bookcases which won its name in the Israeli market. The company also developed various storage products for easier and efficient performance of work in plants, warehouses, offices and homes, including steel angles, shelves for storage in plants, warehouses, offices homes; storage drawers and fittings for shelves, steel and wooden supports combined with wooden shelves, buffets, writing tables and bookshelves covered with formica, etc., for office and home; equipment for internal porterage, such as lifting carriages, loading forks for industry; standsets, office furniture combining metal and wood. The company has expanded its activity in developing aluminium-cast elements, such as crosses and frames of Danish patterns, consulas and rails for the furniture industry. It is also now the sole distributor of the "Kava" plastic drawers manufactured at "Hulioth". Lately, Agron Ltd., has set up a subsidiary "Lahit" Marketing Co. Ltd., for the marketing of gas lighters with replaceable containers, based on the international know-how of Butan-Match.

Agron Ltd. and the subsidiaries owe their reputation to the individual attention it bestows upon its customers, the high standard of its equipment, and the services given by the company to its customers.

Tel Aviv, 43, Tel Aviv—Yaffa Road; P.O.B. 3003; Tel. 612821 — 612945.

חברת אגרון לציוד, אחסנה והוט וחברות־הבת שלה קנו להן שם בשקידתן לפתח מוצרי אחסנה לשטחי התעשיה, המסחר והבית. החברה ומנהלה אליעזר גרונדמן התחילו בפעילותם עוד ב־1957 עם תום מערכת סיני, כשהיו חלוצי המשווקים של זויתני המתכת המנוקבים ואצטבעות המתכת. לאחר מכן היו בין הראשונים שהתחילו לשווק את הרהיט הקל לבתים, מוצר עממי הבנוי מעמודי פלדה או עץ בשילוב מדפים, מכתביות, ספריות ואשר קנה לו שם בשוק הישראלי. במשך הזמן פיתחה החברה מוצרי אחסנה שונים המקילים ומיעלים את העבודה במפעל, בחנות, במחסן, במשרד ובבית. בין מוצריה: זויתנים ואצטבעות לאחסון במפעל, במחסן, במשרד ולצרכי בית, מגירות אחסון המתאמות למדפים, עמודי פלדה ועץ בשלוב עם מדפי עץ, מזנונים, מכתבות וספריות מצופות פורמיקה ופוליטורה למשרד ולבית. ציוד לתובלה פנימית כגון עגלות הרמה ומשטחי העמסה לתעשיה, מתקני תצוגה (סטנדים) לקידום המכירה, ריהוט משרדי משולב מתכת ועץ; הרחבנו עסקינו בפיתוח יציקות אלומיניום ועבודות מתכת, וכן בשיווק אלמנטים כגון צלבים ושלדים מדגם דני, קונזולות ומסילות המשמשות את תעשיית הריהוט; אגרון בע"מ הנהו גם המפיץ הבלעדי של מגרות פלסטיק בשיטת קווה, מתוצרת „חוליות". לאחרונה ייסדה אגרון בע"מ חברת בת „להיט", לשיווק בע"מ, לשיווק בלעדי של מצתי־גז עם מיכלים הניתנים להחלפה והמיוצרים בארץ ע"פ ידע בינלאומי ע"י „בוטן־מטש".

את הצלחת פעולותיה של חברת אגרון בע"מ וחברות הבת שלה בשוק המקומי יש לזקוף ליחס האינדיבידואלי הניתן ללקוחות. הטיב המעולה של מוצריה והשרותים הניתנים ע"י החברה ללקוחותיה הם הם שהגדילו את המוניטין שלה.

הכתובת: תל־אביב, דרך יפו־ת"א 43; ת.ד. 3003; טלפון: 612945, 612821.

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"HEROUTH" LTD. MECHANICAL ENGINEERING

The impetus to the creation of Herouth was given in 1919 by a group of discharged soldiers from the Jewish Legion which included several expert plumbers. They decided to carry out mechanical installations and thus to contribute to the building of the country, which they helped to free.

Today Herouth, which is affiliated to Solel Boneh's Building and Public Works Corporation Ltd., is the largest enterprise in Israel for planning and carrying out projects in all lines of domestic mechanical engineering such as sanitary plants, air-conditioning, central-heating, insulation, sewage and drainage, hot water supply, electrical and laboratory installations, water treatment, water pollution abatement, lifts, elevators, and the like.

The largest projects all over the country are carried out by 140 engineers-technicians, 250 administrative staff and about 2700 skilled workmen.

Herouth's annual turnover in 1973 will amount to about IL. 200 million.

Besides carrying out contracts, Herouth also deals in sanitary appliances through its retail shops and branches throughout the country, selling non-ferrous metals, glass, doors, etc.

The Company owns several manufacturing plants : electric and solar heaters for domestic and industrial uses, glass wool insulating materials, lead goods, air-conditioning units, boilers and heat exchangers, "Alcid", water treatment and purifying equipment, etc.

The General Manager of the Company is Eng. A. Ziv.

Head Office : 7, Jaffa-Tel-Aviv Road, Tel-Aviv, Tel. 50921, P.O.B. 1969.
Cables: "Herouthco" Tel-Aviv.



ARIEL LTD.

ELECTRICAL ENGINEERING

ARIEL LTD., founded twenty years ago as a private company, is today one of the leading electrical engineering firms in Israel, whose manufacturing programme includes:

- Fully and semi-actuated traffic signal as all kinds of switchgear; underfloor distri- systems, consisting of controllers, detectors and signalheads, for individual crossings and "green wave" systems;

- Control and distribution boards, as well as all kinds of switchgear; Underfloor distribution systems, including ducts, junction boxes and outlets for power and telephone; semi and fully automatic pneumatic postal systems;

- Explosion proof equipment for factories and storage buildings;

- Lighting fixtures for illumination of streets and sports' stadiums, special lighting fixtures for underwater lighting effects in swimming and garden pools, as well as lighting fixtures for display and decorative use.

In addition to its manufacturing capacities, the company also serves as contractors for the execution of all kinds of installation projects in industrial plants, public buildings and theatres. It is wortwhile to mention here, that among our clients are:

Government Offices: Department of Public Works, Ministry of Communications, Civil Aviation, Ministry of Transport, Ministry of Police;
Municipalities;
The Israel Electric Corporation;
El-Al, Israel Airlines;
The Israel Military Industries;
The Israel Aircraft Industries;
Hotels;
The Shalom Tower;
Elbar, etc.

Under construction — a modern industrial building on a built-up area of about 6.000 m2. This building will serve the subsidiary **Arco Electronic Control Ltd.,** which will deal in all the production lines of Ariel Ltd. and with sophisticated electronic systems.

The owners of **Arco Electronic Control Ltd.** are Ariel Ltd. and foreign investors.
The subsidiary is an approved enterprise.
Tel-Aviv-Jaffo, 7 Hazerem St., Tel. 03-822228/9 P.O.B. 8299; Cables: Arielect Tel-Aviv; Telex: 33429.

ELCO ISRAEL ELECTRO-MECHANICAL INDUSTRY LTD.

Established in 1949 in Ramat-Gan (near Tel Aviv), — during the years Elco grew steadily and is today the biggest factory in Israel for electro-mechanical and electronic industrial products (the latter under the trade-mark "TABA"). The fully paid-up capital (including reserves) of Elco is today approximately $ 2.5 million. Elco's shares are traded on the Tel Aviv Stock Exchange. The main shareholders of Elco are the Discount Bank Investment Corporation Ltd. (affiliated to the Israel Discount Bank Ltd.) and some of the managing members of the Board of Directors who have been the founders of Elco.
Chairman of the Board — D. Tolkowsky; Mng. Director — Gershon Salkind, Dipl. Ing.
The annual sales of Elco increased steadily and reached in the year 1972/73 over $ 12 million (including exports of $ 500,000). The area occupied by Elco is approx. 16,000 sq.m.
Elco is equipped with very modern machinery, partly automated; precision testing is used at various production stages, and the final products are subjected to rigorous test procedure to insure their highest quality. The testing equipment for High Tension products comprises an impulse generator of over 1 million volts.
On the pay-roll are approx. 700 people, of which nearly 80 are highly specialized engineers and qualified technicians.
Elco's products are generally manufactured according to I.E.C. standards, but on request other standard specifications may be applied.
The main products of Elco are: High Tension Distribution and Power Transformers, Arc- and Spotwelding Machines, Rectifiers,

(Continued in next page)

ELECTRA (ISRAEL) LIMITED

The company's activities: Electra is the exclusive distributor in Israel for Westinghouse Electric International Co., Otis Elevator Co. and of Trane Difc. Inc. (through its wholly owner subsidiary E. Hertz & Co.). Its main activities can be classified under the folowing four headings:

1. **Manufacture:** In its plant at Rishon Le-Zion Electra manufacturers electric elevators, and escalators; packaged air conditioners, components and equipment for central plant air conditioning systems, room air conditioners; T.V. Receivers.

2. **Marketing:** Electra markets its own products and imported Westinghouse and other products through a network of branch offices, shops and agencies throughout the country. Electra exports room air conditioners and central plant air conditioning equipment to a number of countries in Europe, Asia and Africa.

3. **Engineering Contracting:** Electra is the largest air conditioning and elevator contracting company in Israel and is also engaged in contracting work abroad. For the latter purpose Electra has set up daughter companies in Iran and in South Africa. The firm has carried out some of the largest and most important air conditioning and elevator installations in this country, in prominent buildings such as — The Hadassah Hospital, Jerusalem, the Tel Aviv municipality, and the main offices of Bank Leumi L'Israel, etc.

4. **Services:** Electra operates extensive service departments for elevators, central plant and home air conditioning, T.V. and electric appliances, with well-equipped laboratories, service shops and service stations covering Israel.

The Offices: Main Offices and Management — 19 Petach Tikva Road, Tel Aviv.
Plant: Rishon Le-Zion, Industrial Zone.

Branches: Jerusalem, Haifa, Beer Sheva and Eilat.

Members of the Board:
Mr. Abraham Tversky, Managing Director of "Clal" Taassiyot Ltd., Chairman of the Board; Mr. Julius Gesundheit, Managing Director of the Company, Deputy Chairman of the Board; Mr. I. Loevy, Joint Managingn Director of the Company; Mr. Eliezer Ecker, Deputy Managing Director of "Clal" Taassiyot Ltd.; Dr. Shaul Liphshitz, ret. Managing Director of the Palestine Automobile Corp. Ltd.; Mr. Arthur H. Low, Executive Vice President of Scitex Corp. Ltd.; Mr. Aharon Dovrat, Managing Director of Clal Investment Co. Ltd.; Mr. Arye Manor, Director, Bank Leumi Le-Israel B.M.; Mr. Israel Polak, Managing Director of Polgat Ltd.; Mr. Yehuda Tamir, Managing Director of Azorim Ltd. (Affiliation of "Clal").

Messrs. Gesundheit and Loevy manage the current affairs of the company, jointly. Mr. Gesundheit, one of the founderrs and General Manager of the Company from its inception, is an electrical engineer, specialised in air conditioning and elevator engineering.

He is responsible for the Air Conditioning and Elevator Departments, Ecology and polluted water treatment, Research and Development.

Md. Loevy, an accountant by profession, is responsible for the financial affairs, supplies, manpower, plant, export.

The registered capital of the Company and paid up capital is as follows:

	Registered	Paid up
Ordiray "A" Shares of IL. 5.— each	IL. 10,000,000.—	IL. 4,538,950.—
Ordinary Sares of IL. 1.— each	IL. 10,000,000.—	IL. 6,303,675.—
	IL. 20,000,000.—	IL. 10,842,625.—

Transformer Sub-Stations, Switch-Boards, Watthour-Meters, Power-factor Capacitors, Invertors, Stabilized D.C. Power Supplies for industrial and laboratory uses; Solid-state Battery Chargers, electronic Dimmers, etc.
Plant: 23, Jabotinsky Rd., Ramat-Gan, Tel. 727131, P.O.B. 230.

AMPA LIMITED

Founded in 1933 by the late Zeev Grodecki. In 1945, Ampa Ltd. was appointed general agent for Philco International Corp., thus extending its scope to electrical household equipment, such as refrigerators, radio sets, air-conditioning. This led to the establishment of laboratories and service stations for the equipment sold to customers.

In view of bright prospects opened in this line, the company made efforts to widen its scope ;and, together with "Haargaz" and investors in the U.S.A., a new plant under the name of Amcor Ltd. was set up for the manufacture of household and commercial refrigerators.

Additional plants were added over the years for the manufacture of air-conditioning equipment, TV and radio products, cooking ranges and washing machines and a wide variety of smaller household appliances. Well over 40 product lines of the Amcor organisation are currently sold and serviced by Ampa.

Ampa has developed the largest distribution network of agents in the country (over 200), through which Ampa distributes the whole range of Amcor products.

Ampa is also the only stockholder in Amgat Ltd., one of the largest plastic manufacturers in Israel, and in Amtsur Ltd., manufacturer of rockwool insulation products.

In 1965, Ampa founded an investment com pany in the name of Ampa Investments Ltd., a public corporation which holds a wide spectrum of investments in building, real estate and industry.

14—16, Petach Tikva Road, Tel-Aviv ; Tel. 614281.

AVEERAM, LTD. AIR-CONDITIONING, REFRIGERATION, HEATING and VENTILATION

As sole distributors of Carrier International Limited, Aveeram Limited represents the largest and most important firm in the field of air conditioning, refrigeration, heating and ventilation.

Aveeram provides the local market with the most modern achievements in air conditioning produced by the largest and most skilled engineering staff in the world.

Aveeram represents in Israel important manufacturing companies, such as:

Elliott Overseas Corporation, U.S.A.;

E.I. Du Pont de Nemours & Company, "Freon" Division, U.S.A.;

Allis Chalmers Int.;

Ercole Marelli, Italy;

Officine Cevolani, Italy;

Doboy International, U.S.A.

Offices are held as follows:
Managing Director: Mr. Norbert Rubinstein;
Assistant General Manager: Ing. Zvi H. Bokser;

Assistant General Manager: Mr. Mordehai Shapira.

The Head Office is situated at 14, Petach Tikva Road, Tel-Aviv; Tel.: 611866/7/8;

Service Department, Tel.: 623795; P.O.Box 718; Cables Address: Alenco, Tel-Aviv.

Carrier

AMCOR LTD.

Amcor Ltd. was founded in 1948, to answer a growing need of industrialisation in the newly created State. It was founded by Ampa Ltd. an Israeli private corporation, which was at that time the sole agent and distributor of Philco products in Israel and Haargaz Ltd., an Israeli industrial cooperative society. They in turn were joined by the late I. Shalom, a prominent businessman of New York. The beginning were humble. During the first two years the Company assembled electric refrigerators from imported parts in its newly erected premises in Tel-Aviv. As the immigration to Israel grew and the standard of living rose, Amcor Ltd. turned to the production of refrigerators and expanded this production gradually, steadily reducing the quantity of parts to be imported. Continously enlarging its factory in Tel-Aviv, acquiring know-how abroad and developing its equipment and machinery, Amcor trained and acquired the necessary technical personnel and experienced manpower. Amcor used its growing as an economic base for further activity: In 1951 Amron Ltd. was founded; in 1955 Amcor set up an enamelling and plating plant Amatz Ltd.; in 1957 it acquired Pleese Ltd. a die-casting and metal precision works; in 1959 it built Amcomad Ltd. for the manufacture of hermetic compressors for refrigeration and also an electric motor plant in Jerusalem — Redmond Amcor Ltd. All these factories expanded quickly and widened their range of products from year to year. In 1963 the Amnur factory was founded in a development area. The era of expansion that came after the Six Day War, found Amcor ready to launch new products and to start an extensive export program. In 1969 Amcor set up a new factory Amcoram Ltd., a precision machining plant and in 1971, Amhad, a company engaged in the development, production and distribution of educational aids, started operations. In 1972, a new Amcor Company was formed, Amzad Supplies Ltd., which acts as a representative and distributor of various American aerospace manufacturers and specializes in sale of defence and aviation products. Am-Or, a dry cell electrical battery factory, was set up at Rishon le-Zion and will start operating by the middle of 1973/74.

In 1972 Amcor introduced new products, especially in Air Purification and Ionization to control air pollution; new consumer goods were launched: a split unit floor-type air conditioner, a new front load washing machine, a two door 13 Cu.Ft. Deep Freezer, a Camping Electronic Insect Exterminator, an Overhead Projector, Television aerial amplifiers, etc. 15 million IL will be invested in building new automatic production lines.

1972 was also a successful thrust into European markets, and in various African countries. Amcor's Air Conditioners, Electronic Insect Exterminators and Upright Freezers were exported to Europe and Africa.

During all this period of development, enlargement and branching off, Amcor Ltd. has remained a private company and financed its activities from profits which were returned into the corporation. It has not gone public and remains until today the only large Israeli private industrial concern which is not listed on the Tel-Aviv Stock Exchange. And now Amcor is confidently preparing to participate in the rapid development of the Israeli economy and is planning for further development and growth.

The Managing Directors of Amcor are: Mr. N. Bernstein and Mr. I. Wuntsh; Deputy Managing Director: Mr. Ori Bernstein.

The plants of the concern:

AMCOR LTD.
98 Giborei Israel St., Tel-Aviv 67891.
Tel. 31411-7; Telex: 03-2130.
Main Products:
Refrigerators of Various Sizes
Absorption Refrigerators
Room Air Conditioners
Total employees: 650.

AMRON LTD., Herzliya 46720.
Industrial Zone, Tel. 930471. Telex: 369-111.

Main Products:
Television Receivers 25", 24", 20", 17", 12".
"NORDMENDE" know-how.
Television components: Varicap Diode Combined Tuners (VHF & UHF), Deflection Yokes, Coils, Filters, Transformers, Loudspeakers.
Car Radios.
Radio Receivers, Audio Amplifiers.
Electronic Insect Control for domestic, commercial, agricultural and industrial use.
Electronic Air Purifiers and Generators of negative air ions.
Electronic Measuring Instruments.
Amplifiers for Central TV Aerials (C.A.T.V.)
Desk Fans, Electronic Burglar alarms.
Hair Dryers.
Electric Wiring and Harness, molded power plugs (standard and custom built).
Heating Wire to prevent condensation in refrigerators.
Total employees: 260.

AMATZ LTD., Tel-Aviv 67 891
122, Giborei Israel St., Tel. 251006; 252236
Main Products:
Enamelling and Electroplating
Electric Boilers
Solar Heaters
Domestic Oil Heaters
Thermal Storage Electric Heaters
Domestic Electric Heaters
Total employees: 100.

PLEESE LTD., Holon 58 811
Industrial Zone, Tel. 845151. Telex: 03-3447
Main Products:
Domestic Food Mixers
Electric Fans
Vacuum Cleaners
Automatic Irons
Electric Hair Stylers
"Mitzomatic" Juice Extractors
Trolleys for Refrigerators
Castors
"Madafna" Adjustable Standards and Brackets
Building Hardware and Fittings.
Products and Services for Industry:
Pressure Die Castings of Non-Ferrous Metals in Cold Chamber and Hot Chamber machines
Metal Stampings
Finishings and Electroplating
Makers of Molds and Dies
Total employees: 150.

AMCORAM LTD., Holon 58 811.
Industrial Zone, Tel. 855133.
Main Products:
Machining and Precision products for the Aviation Industry.
Design and Manufacture of Jigs & Fixtures for Machining Precision Dies.
Total employees: 135.

REDMOND AMCOR LTD.,
Jerusalem 94467.
Industrial Zone, Tel. 521106-7; Telex: 02-292
Main Products:
Single phase, fractional horsepower electric motors of all types, including:
Air-Conditioner Fan Motors
Washing Machine main motors
Washing Machine Water Pumps
Desert Cooler Fan Motors
Vertical Water Circulation Pumps for Desert Coolers, Laboratories and other applications
Motors for Fan-Coil Units
Commutator-Type Motors for domestic Vacuum Cleaners, Blenders, etc.
Small shaded Poles Motors (2 and 4 poles) for air moving and other applications.
Hand dryers.
Exhaust fans.
Total employees: 100.

AMNUR LTD., Bet-Shemesh 99 000
Tel. 911556-7; Telex: 02-923.
Main Products:
Washing Machines
Electric and Gas Ranges
Dishwashers
Water coolers
Total employees: 140.

AMHAD LTD., Rehovot 76325,
Industrial Zone, P.O.B. 81. Tel. 956678.
Main Products:
Overhead Projectors
Educational Toys. Educational Games
School and Kindergarten Equipment
Laboratory Equipment
Playground Equipment
Sports Equipment
Educational and Scientific Kits
Typists' Equipment
Total employees: 15.

AMCOMAD LTD., Rehovot, Industrial Zone,
Projected Main Products:
Commercial Refrigerators
Deep Freezers
Water Coolers
Cold Storage Cabinets
Refrigerated Merchandisers and Display Cases
Sectioned Cooling and Freezing Rooms
Ice-Cream Cabinets
Bottle Coolers
The premises are now being reconstructed, repaired and renovated. The factory is scheduled to start operations in August 1973.
Total employees: 9.

AM-OR LTD., Rishon-Lezion, Industrial Zone.
Main Products:
Dry Cell Batteries of all sizes
Emergency Power Packs
Flashlights and Stoplights
The factory is now in a running-in period and will start operating in July 1973.
Total employees: 9.

AMZAD SUPPLIES LTD.
The company acts as agent and distributor of major American and European manufacturers of aerospace and military equipment.
Representative of:
AGC Incorporated, U.S.A.
Akin Engineering Co., U.S.A.
Circle Seal Corporation, U.S.A.
Fairchild Defense Systems, U.S.A.
Fichtel & Sachs A.G., Germany
Gar Kenyon Control, U.S.A.
Hartman Systems, U.S.A.
Mektron, Belgium
Morse Chain (Spherco Div.), U.S.A.
New Hampshire Ball Bearings, U.S.A.
Nichols (W.H.), U.S.A.
Purolator Inc. Aerospace Div., U.S.A.
The Advanced Products, U.S.A. & Belgium
Teledyne Linair, U.S.A.
United Aircraft Products, U.S.A.

DISTRIBUTORS:
In Israel: Ampa Ltd., Tel-Aviv, Haifa and Jerusalem.
Abroad: Amcor Export Co. Ltd., Tel-Aviv 67 891, 98, Giborei Israel St., P.O.B. 2850.

ACLIMATIC INTERNATIONAL CORPORATION

Aclimatic International Corp. began operations in Israel in 1971 with the purpose of establishing a plant to manufacture specialized air conditioning and refrigeration products. An extensive licensing and know-how agreement was signed with Therm-Air Mfg. Co. which granted Aclimatic International manufacturing and marketing rights in Israel and abroad. Concurrently with establishing the plant, a local marketing program was initiated.

After two years of operation in Israel the Company is proud of its reliable products which serve the Military and the Commercial markets.

These products include truck refrigeration units for food transportation, marine air conditioners, and military air conditioning units for mobile communication systems.

Production will start in early 1973 in a 10,000 square foot plant located in Upper Nazareth, with modern machinery in refrigeration and airconditioning fields.

The Company is owned by U.S. investors (80%) and Israeli investors (20%).

Manager: Haim Bar-Akiva

Office: 1 Palmer Gate, P.O.B. 836, Haifa; Tel. 534104.

Plant: New Industrial Zone, Upper Nazareth; Tel. (065) 56347.

Rep. in Tel-Aviv: Misha Refrigeration Ltd., 46 Wolfson St., Tel. 824322, 829437

NECHUSHTAN WHOLESALERS and MANUFACTURERS LIMITED

Nechushtan was established as a partnership in 1924 and registered as a public company in 1930.

Nechushtan were the first enterprise in Israel to specialize in the trade of non-ferrous metals. This line has developed considerably in the course of the years. Today Nechushtan are not only leading importers and stockists of non-ferrous metals, but also of stainless steels and superalloys for high duty performance, maintaining permanent contact with the technological developments in the field of sophisticated metals. In this connection Nechushtan are the Israeli distributors of some of the most important international producers.

A separate department of the company deals in engineering supplies of local and foreign origin as pumps, compressors, technical valves, chemical and food processing equipment and heavy equipment. In this department too, Nechushtan employ a team of engineers and specialized experts in order to advise the clientele. Part of the goods handled by the department are manufactured by the associated company "NECHUSHTAN-KIM VALVE MANUFACTURE", Haifa, which produces valves for steam, chemicals, juices, milk and other special requirements, among them notably diaphragm valves under licence of the Saunders Valve Co. Ltd., England.

In 1935 Nechushtan Ltd. became the agent and distributor of Schindler & Co. A.G., Lift Manufacturers, Switzerland. In 1957 Nechushtan started production of passenger and goods lifts within a separate subsidiary company, called NECHUSHTAN LIFT WORKS LTD., which supplied lifts and escalators to many of the big hotels, banks, hospitals and other important buildings in Israel. The main office of this subsidiary is at 61 Eilat St., Tel Aviv. Branches are in Haifa and Jerusalem.

Another important subsidiary is NECHUSHTAN BUILDING AND INVESTMENTS LTD., which owns large Real estate in Eilat St., Tel-Aviv—Jafo.

The paid-up share capital and surplus of the main company, Nechushtan Wholesalers and Manufacturers Ltd., amounted in November 1973 to IL. 4,169,256.—. Preferred ordinary shares of a nominal value of IL. 732,400 are registered with the Tel Aviv Stock Exchange, a considerable percentage of these preferred shares being held by P.E.C. Israel Economic Corporation. Main shareholder: Dr. K. A. Moosberg (Chairman and Managing Director).

Main Office and Stores: Tel Aviv, 1 Jaffa Rd., P.O.B. 1758, Tel. 50271 (9 lines); Branch Offices and Stores: Haifa, 16 Harbour Street, P.O.B. 13, Tel. 664945, 660667; Jerusalem, 19 Agrippa's Way, P.O.B. 130, Tel. 224065.

ZENITH OVERSEAS RADIO CORPORATION LTD. (and its affiliated company Servodynamics Ltd.)

Overseas Radio Corporation Ltd. was established in Israel in 1967, for the manufacturing of Zenith television sets. The Company is a partnership between Zenith Radio Corporation of Chicago, Illinois, U.S.A. (26%) and the industrialist Mr. William E. Robinson of Geneva, Switzerland (74%). Zenith U.S.A. takes an active part in managing the Israeli operation, and shares its know-how and its over 50 years experience in the electronic industry. The Israeli enterprise is the first operation in electronics outside the U.S.A. in which Zenith Radio Corporation took a real part in both investment and management. (The latest investment outside the U.S.A. is their investment in MZM — Movado Zenith Mondial, one of the largest watch companies in Switzerland, and Israeli born Mr. Michael D. Robinson, son of Mr. W. E. Robinson, who owns Bank Robinson in Basel, Switzerland, is both on the Board of Directors of MZM and ORC.).

In order to improve the servicing system and the marketing network, Overseas Radio Corporation Ltd. founded its affiliated company Servodynamics Ltd., which takes care today

of the national network of service stations for Zenith products and the other home electrical appliances which it markets.
The General Manager is Mr. Michael Vidra.

Servodynamics Ltd.: Service Company for Zenith television sets, Singer sewing machines and other home electric appliances.

Servodynamics Ltd.: Servodynamics Ltd. is an affiliated company of Overseas Radio Corporation (Zenith-Israel), owned by the same share holders, and founded for the purpose of representation and marketing the products of large international companies on a basis of exclusivity. The companies are the renown firm Singer Sewing Machine Company, for its sewing and knitting machines, both for the domestic and the industrial markets, washing machines, and their other home appliances; Quality Products distributed by Borg Warner, U.S.A.; Admiral, U.S.A.; Ampex, Italy; Thermozeta, Italy and Famulus, Austria.
The Head Office of both companies: 14, Carlebach Street, Tel-Aviv, P.O.Box 7172, Tel. 266291.

PLANNING and DEVELOPMENT CO. INTERNATIONAL LTD.

Managing Director, Mr. Shalom Levin.
See ad: page 583.

EL-OP THE ISRAEL ELECTRO-OPTICAL INDUSTRY LIMITED

The Israel Electro-Optical Industry Ltd. (El-Op), was established in 1965 as successor to the Goldberg Instruments Ltd., founded by Prof. E. Goldberg in 1938. Shareholders of the Company are: The State of Israel, 50%; The Optische Industrie de Oude Delft, Delft, Netherlands, 50%. The paid-up capital of the Company is IL. 6,000,000.

The members of the Board are: Mr. O. van Leer, Chairman; Dr. A. Hillel, Managing Director, Dr. S. Duinker; Mr. G. A. van't Hooft; Dr. C. Kerkhof; Mr. M. Firon; Mr. P. Talmi; Mr. F. Gadiesh; Mr. J. Rom; Mr. J. V. Weiler.

Combining optics, electronics and electrics, the modern electro-optical industry is based on the latest developments of modern physics. Examples of electro-optical instruments are: image intensifiers used in visual, ultraviolet, infra-red and X-ray applications, electron microscopes, laser radiation generators and collectors, etc. The electro-optical industry, utilizing scientific, technological and industrial know-how characteristic of the science-based industry, has developed during the last few years with great strides. The invention of laser light sources and the de-

ORAM ELECTRIC INDUSTRIES LTD.

- **Regulated DC Power Supplies of Ranges of 6-1000 volts up to 2000 amps. Continuous Loading**
- **Military Specification Transformers for Various Applications**
- **Transformers up to 80 KVA**
- **Current Transformers and Constant Current Regulators**
- **High-power Factor Rapid Start Ballasts For Fluorescent Lighting**
- **Industrial and Domestic Battery Chargers**

INDUSTRIAL CENTER, LOD ● PHONE : 962591

velopment of holography have furthered this industry.

EL-OP has built its factory in Rehovoth because of the vicinity to the Weizmann Institute; it has its own development laboratories, staffed by 40 scientists, engineers and senior designers.

The new building of EL-OP (7,000 m²) was planned according to the specific demands of electro-optical production. The laboratories and most production departments are temperature and humidity controlled. The cellar of the building houses a tunnel for optical measurements. EL-OP, an "Approved Company", invested on the building, the acquisition of development and measuring equipment and production machinery, a sum of IL. 9 millions. The last expansion of the facilities put special emphasis on several industrial development sections which will be equiped with thoroughly new instrumentation.

The present number of employees of 280 will be increased towards 1974 up to 300, largely scientists, engineers, technicians and laboratory assistants, specialists in precision mechanics, electro-optic assembly, precision optics and electronics. Optical production has a high "added value", reaching 80% to 90% of the price of the product. After having manufactured for many years purely optical instruments, the Company switched over, in 1963, to electro-optics, obtaining the required know-how from abroad.

Since 1967, the company has signed many agreements with European and U.S. leading firms in the electro-optics field for an exchange of know-how.

The long range expansion plans of the Company forsee a further enlargement of the facilities to 10,000 m² within 5 years, employing then between 500 and 600 people. Production will then comprise lasers, low illumination level viewing devices, medical instrumentation and last but not least, modern learning devices.

Rehovoth, P.O.B. 1165; Phones: (03) 955-662; 951-572; 953-581/3; Telex: 31928; Cables: ELOPT.

MEEDA
SCIENTIFIC
INSTRUMENTATION
LTD.

5 ZVI STREET
RAMAT-GAN 52 504, ISRAEL
PHONE 720268, 722820
CABLES MEEDEL

MEEDA is a subsidiary of Koor Scientific Ventures Ltd. whose function is to provide the area for research and development and to create the technology for the future.

MEEDA is managed by engineers, is a profit center complete with administrative staff and marketing personnel, and has the full financial backing of Koor Industries.

MEEDA's current activity is in the development and production of systems and equipment in the fields of:

1. Electronic Flight Instrumentation.
2. Meteorological Instrumentation.
3. Medical Instrumentation.
4. Military Equipment.
5. Fluidic Systems.

A.E.L. ISRAEL LTD. ELECTRONICS INDUSTRIES

A.E.L. ISRAEL Ltd. commenced operations in November 1967.

The company's operation is based on a carefully selected combination of modern equipment, experienced engineering personnel, and an unusual type of "esprit de corps". Its rapid growth has led to a well-integrated group of over 700 employees, of whom 60 are graduate engineers and 180 skilled electronic technicians.

A.E.L.'s operations cover the following:

— A capability in the design, development and production of special purpose electronic military systems in the areas of E.W. and communications.

— Design, development, manufacturing and assembly of stationary and mobile communication equipment.

— Capability in development and production of micro-wave components including a wide variety of filters, splitters, low-noise amplifiers, frequency sources and directional couplers.

— A micro-electronic thin and thick film department, a complete EMI/EMC test facility, a Q.C. and Q.A. group and a Technical Publication Department.

— A.E.L. activities include production and assembly, under foreign know-how, of Public and Private Telephone Exchanges. It has increased lately this field of activity by acquiring "Orterac" Telephone Company Ltd.

Turnover for 1973 was IL 40 million, of which 10% was devoted to Research and Development.

Managing Director: Zalman Shalev
Director of Marketing: Moshe Nissim

Address: 458 Mivtza Kadesh St., Benei Beraq, 51203; Telephone: 03-78141, 03-787131; Telex: 33553.

ELJIM LTD.

ELJIM Ltd. was established early in 1970 as a research and development company specifically designed to exploit the unique advantages inherent in a business operation based in Israel.

With the encouragement of the Government of Israel, the parent company, KMS Inc., Ann Arbor, Michigan, set up Eljim as a wholly-owned subsidiary in Israel. This project called for the establishment of three operating divisions: research and development; system analysis and operation research, and production of products of high technological content.

Eljim's electronic research and development facility represents a unique concentration of talent assembled from the electronic industry in the United States and other sources of advanced scientific development. Eljim has also created a new scientific facility, with up-to-date laboratories utilizing the latest test equipment to realize technical achievements consistent with the calibre of its personnel. Eljim has also recently set up an electronics production facility.

In its early stages Eljim acquired a well-established system analysis and operation research company — Natam Ltd.

Another recent outcome of Eljim's constant growth and diversification is the estabilshment of Eljim Ecology Ltd. (E.E. Ltd.). This company located its laboratories and production in the Science-Based Industry Park adjacent to the Weizmann Institute. Its main activities are centered in the development and manufacture of products in the water and air purification as well as in the bio-technical fields. Employees at Eljim number 140, including 100 scientists. engineers and technicians.

Managing Director: **I. E. Streifler-Shavit.**

36 Eilat St., Holon 58361, Israel, P.O.B. 1201. Cables: ELJIM II; Telex: 33490 ELJIM IL. Tel. (03) 853102.

ELTA ELECTRONICS INDUSTRIES LTD.

This autonomous subsidiary of Israel Aircraft Industries is located in a new modern plant in Ashdod, with a working area of 200,000 sq. ft. Total employment is now 1600, incl. an engineering division with approx. 150 engineers and 350 technicians.
ELTA capabilities embrace design, development and manufacture of electronic equipment to meet advanced civil, industrial and military requirements.

Current activities include :
Communication and Navigation (communication complexes, UHF transceivers, Data modems, etc.).
Radars — Airborne, Naval & Mobile,
Management Information systems,
Alpha-Numeric Displays,
Industrial and marine control systems,
Medical electronics systems,
Manufacture of Transformers and chokes,
Manufacture of Micro-electronic components,
Microwave components,
Dual clad through the hole printed wiring boards,
Laminated multi-layer printed wiring boards.
Industrial services (metals and non-metal materials processing, environmental and component reliability testing).

Principal officers are :
P. Makleff, Managing Director,
J. Malis, Deputy Managing Director,
Y. Gafir, Deputy Managing Director,
J. Paz, Director of Marketing & of Sales,
N. Levy, Director of Engineering,
F. Shanon, Director of Production,
A. Gordon, Director of Reliability and Quality Assurance.

Ashdod, P.O.B. 330, Tel. 055-31155;
Telex: ELTA ASHDOD 031807 ;
Cables : ELTASHDOD.



ELTA ELECTRONICS INDUSTRIES LTD.
SUBSIDIARY OF ISRAEL AIRCRAFT INDUSTRIES LTD • ASHDOD, ISRAEL

PANENGINEERING CO. LIMITED

The above company, a science based industry, was founded November 9th 1969, by a group composed of Mrs.: Jacob Meridor, Myron J. Block and Uzi Sharon. Its primary lines of activity are the analysis, development and production of weapon systems, military electrooptical systems, medical engineering and CO2 lasers for general surgery.

The structure of the company consists of a know-how group, represented by Mr. Uzi Sharon, and the main investors of the required capital, which are: Panmaritime F. C. and Etz Lavud Ltd.

The Board of Directors is composed as follows:

Josef Kremerman, M.K., Etz Lavud;

Uzi Sharon;

David Kremerman, Etz Lavud;

Arik Yehuday, Etz Lavud;

General Manager: Uzi Sharon;

The Company is located on the campus of the Tel-Aviv University, Ramat-Aviv; P.O.B. 17057; Tel. 410111-2; Telex: 033-362.

VISHAY ISRAEL LTD.

3 Ha'Achim Mislavita St., Tel-Aviv
Telephone: (03) 39062
A subsidiary of
VISHAY INTERTECHNOLOGY INC. (U.S.A.)

Founded in April 1969 and approved as an APPROVED ENTERPRISE, under the Law of Encouragement of Capital Investments.

The Company is a manufacturer of Electronic Resistive Components (high precision resistors and trimming potentiometers) and Stress Analysis Electronic Components (strain gages and instruments) as well as photoelastic equipment and materials for optical Stress Analy-

The Company is engaged in a Science Based Industry and its products are highly sophisticated; most of its products are unique. Vishay's electronic resistors are considered of the world's highest quality and are a vital component in every science based industry which manufactures sophisticated electrical systems. These resistors are essential for application in space research, ballistics and antiballistics weaponry, equipment for the civil and military aircraft industries, computers, airborne navigational instruments, TV color cameras, space vehicles and in all modern electronic equipment where reliability and high performance are paramount.

The Stress Analysis Line, both the electronic and the photoelastic, is used mainly in the Aircraft and Space industries, as well as in many other sophisticated mechanical structures, where stress analysis and proper distribution of material is essential.

Almost all the Company's products are being exported to the United States, Western Europe and Japan.

Export figures since the beginning of the Company are: 1969, $ 80.000; 1970, $ 170.000; 1971, $ 700.000; 1972, $ 2.100.000; anticipated amount for 1973, $ 3.500.000.

VISHAY INTERTECHNOLOGY INC. (USA)
Chairman of the Board of Directors: Alfred P. Slaner; President: Dr. Felix Zandman.

VISHAY ISRAEL LTD.
President and Chairman of the Board of Directors: Moshe Shamir; Vice-President: Michael Arad.

MONSEL ELECTRONIC INSTRUMENTS LTD.

Is a subsidiary of MONSANTO COMPANY and was founded in September 1968, as a merger of the R. & D. and manufacturing capability of the Elrom Digital Division and the world-wide marketing capability of the Monsanto Electronic Test and Measurement Group.

The Monsel product line includes a comprehensive family of electronic counter/timers as well as various other instruments and accessories to build a complete test and measurement system capability for general laboratory, communications, industrial, medical and military applications.

Monsel manufactures all the instruments sold world-wide under the "Monsanto Intruments" Trademark. Among them is the "Miniline" consisting of over 25 instruments developed entirely in the company's Haifa plant, and utilizing the most advanced technologies, such as an extensive use of integrated circuits and state-of-art 100-year-life optoelectronic semiconductor displays, developed by the parent company.

The miniature "Midget line", at present consisting of five instruments and growing rapidly, offers portable battery operation at a size, weight and price not available anywhere else in the world.

The Monsel product line is particularly adaptable to industrial process monitoring and control, and is today being employed in the textile, machinery and metal industries.

Monsel has been an "Approved Exporter" every year since its first year.

Over 80% of Monsel's products are exported, mainly to the U.S.A. and western Europe. Monsel markets through over 20 international distributors in Europe, Asia, Australia and Africa, and through United Systems Corp., Dayton, Ohio (another Monsanto subsidiary) in the U.S.A. In Israel Monsel products are sold primarily to the defense establishment, the electronic industry and to educational and research institutions. In 1968 Monsel exported about $ 200,000; in 1972, about $ 900,000.

Monsel numbers 110 employees, including twenty five in R & D and Engineering and

about seventy in Manufacturing. The plant is located in a 20,000 square feet, fully air-conditioned industrial structure in Haifa.

The company's development programs include a rapid expansion of its counter/timer line, the introduction of more sophisticated and less expensive instruments for world-wide distribution, and the broadening of its system services to customers in Israel and abroad.

Chairman of the Board: Mr. B. Fisher, President, United Systems Corp., Dayton, Ohio.
Managing Director: Mr. M. Shavit.
Address: 6 Tovim St., Haifa; P.O. Box 1496;
Telephone: 04-660974; Telex: 4671.

MOTOROLA ISRAEL LTD.

Motorola Israel Ltd. is a private limited company with an authorized share capital of IL. 6,000,000 and a paid up share capital of IL. 3,800,000.
The company was started in 1948 and in 1964 entered into a joint venture with Motorola Inc., of Chicago, Illinois, with licensing agreement for the production of the world famous Motorola Two-Way Radio Communication Products.
Director and Managing Director, Mr. Levy Katzir, Tel Aviv, Israel, acts also as Corporate Director of Multi-national Operations for Motorola Inc.
Motorola Israel is engaged in the following activities:

■ MANUFACTURING communication equipment under a licence agreement with Motorola Inc., Chicago, Illinois. This includes a complete production line of Two-Way Radio Communication Equipment, Base Stations, Mobiles, Handie Talkies, Repeaters and sophisticated communication systems.

■ DESIGNS, develops and manufactures electronic products and systems for Data Acquisition, Data Transmission, Supervisory Control and Telemetry.

■ DESIGNS and manufactures complete systems. Among these are included systems for the Israel Electric Corporation, Mekoroth Water Company, Israel Railways, Israel Post Office, Dead Sea Works Ltd., Ministry of Defence as well as other industries and utilities.

■ SELLS its products and systems in Israel, undertakes complete responsibility for installation and provides a countrywide maintenance service for these products.

■ EXPORTS its products and systems all over the world and provides continuous expert technical advice and assistance to its clients abroad.

■ REPRESENTS in Israel U.S. Companies which manufacture highly technical electronic and scientific products and also provides technical support and service for these imported products.

These companies are :

HEWLETT-PACKARD Company;
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MOTOROLA MILITARY AND AEROSPACE ELECTRONIC Inc.;
SOLA ELECTRIC;
ACCO BRISTOL Division; ONAN;
DELTA;
MEDCRAFT;
HOLT INSTRUMENTS LAB.;
TRG. CONTROL DATA;
INTERMEDCRAFT;
I.C.S. INC.;

MOTOROLA ISRAEL LTD., 16, Krementski St., Tel Aviv 67 899; Tel. 38973.

MOTOROLA ISRAEL LTD.



MANUFACTURERS OF

16 Kremenetski Street
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& REMOTE CONTROL SYSTEMS,
DATA TRANSMISSION
& TELEMETRY SYSTEMS

ELECTRONICS & ENGINEERING

DIVISION OF **MOTOROLA ISRAEL LTD.**

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SOLA ELECTRIC	★	Constant Voltage Transformers, Constant Wattage Ballats
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DELTA	★	CRT Terminal Systems
HOLT-INSTRUMENTS LAB. . .	★	Precision Instruments
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WESTINGHOUSE	★	Industrial Instrumentation, (Veritrac Products)
I.C.S. INC.	★	E. N. G.
INTERMEDCRAFT	★	Portable ECG Tape Recorders

TADIRAN ISRAEL ELECTRONICS INDUSTRIES LIMITED

Tadiran, now a leading international industrial enterprise and Israel's largest electronics manufacturer, barely exceeded workshop size only o short dozen years ago when it was founded, in 1961, through the merger of two small Israeli companies, Tadir and Ran. Tadir, producing quartz crystal products for communications, was owned by Koor Ltd., the industrial concern of the general federation of labor, whereas Ran, producing batteries for civilian and military use, was owned by the Ministry of Defense. Through this merger they became equal partners in Tadiran. Tadiran, under Mr. Caspi's continuous leadership, has since expanded into other products and new markets, and has achieved an ever increasing sales volume and continuous profitability. Its sales soared from IL2 million in 1961 to IL 265 million during 1972. In 1972 the company had a net income, before income tax, of IL 16 million, paid up capital of IL 34 million, and a ballance sheet of IL 287 million. The area and personnel, which had both grown tenfold during those dozen years, reached in 1972 one million sq. ft. and 3800 employees respectively, the employees consisting of 250 engineers and other professionals, 1000 technicians and other skilled workers, 2000 production workers, and the remainder — clerical and service employees.

Again, the 1973 numbers are expected to exceed those of 1972, with over four thousand employees and sales approaching a third of one billion IL, while the Company maintains its dynamic thrust, especially in international operations and in foreign sales around the world. Tadiran's exports now approach 25% of its total sales, and are welcomed in all 5 continents by satisfied public and private customers in over 40 countries, many of whom with highly competitive and technologically advanced markets.

With this international trend, Tadiran's ownership itself became increasingly international. In 1969 the Ministry of Defense sold 35% of Tadiran's shares to General Telephone and Electronics International Incorporated (GTEI), an international USA corporation, with whom Tadiran had previously concluded significant know-how agreements. In 1972 GTEI acquired the remaining shares held by the Ministry of Defense. Thus, Tadiran's shares are now held as follows: Voting shares — 50% by Koor Industries Ltd., Tel Aviv, and 50% by GTE International Inc., New York; Preferred non-voting shares — IL 7.7 million by GTEI; Employee shares — partly paid 280,000 shares of IL 10 each.

Principal officers of the Company are:

Board Chairman — since 1970, Meir Amit, general manager of Koor;

Managing Director — since 1961, Elkana Caspi.

Tadiran's management follows the U.S. philosophy, both in business and in engineering practice, that being the training ground for most of its key personnel and the continued source of latest know-how for the compnay. Tadiran consists of seven staff divisions and of the following three manufacturing divisions — military electronics, telecommunications, electrical & mechanical — in which are grouped a dozen manufacturing plants founded or acquired in Israel by Tadiran since its formation. In addition Tadiran is operating several industrial plants in a number of foreign countries, where, in most cases Tadiran extends know-how agreements for the manufacturing in those plants, and where in some cases, Tadiran is a partner in ownership with the governments or companies of those countries.

Tadiran produces four major product lines: tactical communication systems, telecommunication equipments, electric & electronic consumer products, and power sources & electronics components.

In the tactical communications field, Tadiran produces the world's most comprehensive range of complete radio systems and telephone equipment. Its present production facilities its first-class know-how agreements and its comprehensive own development programs can meet most requirements of any modern army in tactical communications and equip it completely. The impressive product list consists of both proprietary and U.S. licensed, either mobile

or portable, HF/SSB, VHF/FM, and UHF/AM transceiver systems, as well as mobile UHF/FM—FDM/TDM radio-telephone multiplex systems, and various line-telephone systems with electronic or conventional switchboards, all of these equipments, both proprietary and licensed, manufactured to meet strict U.S. military specifications. The unique position of Tadiran is reflected in the fact that it is the only non-U.S. manufacturer allowed to exhibit at the most prestigious annual convention in the field, the U.S. AFCEA (Armed Forces Communications and Electronics Association). Indeed, Tadiran's tactical communications products are sold to dozens of governments on all continents, or being manufactured there with Tadiran's own know-how and active participation. In the telecommunications field, Tadiran is a major producer of equipment for both the public and the private sections of the Israeli telephone system, as well as of telephone equipment for tactical use and telephone equipment specially adapted for exports or for manufacture abroad. Tadiran's comprehensive list of telecommunications products, both licensed and proprietary, covers the switching, transmission and control areas of telephony and includes public main automatic exchanges (step by step and crossbar), private manual branch exchanges, private automatic branch exchanges, line concentrators, multiplexing equipment for long- & short-haul carrier systems, subscriber carrier equipment, loading and repeating coils, blocking devices, automatic announcers, call counters, taxometers, etc., some especially developed by Tadiran, and all manufactured to high international standards.

Tadiran's electric & electronic consumer product line, based on know-how agreements with firms of international reputation, includes air-conditioners, refrigerators, washing machines and television receivers. It also includes Tadiran's proprietary products, such as its own VHF/UHF tuners manufactured for other companies in Israel and abroad, and its car-radios, which completely dominate the Israeli market and penetrate foreign markets as well.

Tadiran's power sources & electronic components line includes considerably more and better products than those old Tadir and Ran ones. In power sources Tadiran manufactures both zinc and magnesium dry batteries, both vented and sealed nickel-cadmium rechargeable batteries, both primary and secondary silver-zinc and silver-cadmium batteries, battery chargers, power supplies, and emergency power systems. In quartz products, Tadiran manufactures quartz crystals, filters and discriminators. In mechanical components, the Company makes cast, machined and stamped finished metal parts and precision plastic parts. And in the most advanced and critical field of semiconductors and microelectronic devices, Tadiran makes small-signal transistors, VHF/UHF power transistors, linear integrated circuits and thick-film hybrid modules of highest sophistication.

With its outstanding past performance, its powerful operation at present, and its vigorous development programs for the future, Tadiran is confident it will continue to prosper and satisfy evermore customers around the world.

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(including Jewish notables engaged in pro-Israeli activity all over the world) IS INTERESTED IN BIOGRAPHICAL SKETCHES OF PEOPLE WORKING FOR ZIONISM AND FOR THE ISRAELI CAUSE, EVERYWHERE!

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TELECOMMUNICATION & ELECTRONIC INDUSTRIES

Industrial Center, P. O. Box 50, Lod

General (Res.) M. GIDRON, Managing Director

Telrad Telecommunication & Electronic Industries and its subsidiaries — Citor Industries, Keren Electronica and Setelco Singapore — are jointly owned by Koor Industries and the Consolidated Near East Company, with products ranging from advanced telecommunication systems, industrial and domestic electric switchgear, to sophisticated transmission equipment.
Sales of the Telrad Group in 1973 are expected to reach 105 million IL, an increase of 33% from total sales of 79 million IL in 1972. Telrad and its subsidiaries employ 1750.

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Col. (Res.) G. GOLAN, General Manager

SUBSIDIARIES:

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KEREN ELECTRONICA
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Tel. (051) 4141
Dr. S. Karniel, Gen. Mng.

SETELCO
200R Ayer Rajah Rd.
Singapore 5
Tel. 630755
U. Mann, Gen. Manager

YISSUM RESEARCH DEVELOPMENT CO. OF THE HEBREW UNIVERSITY JERUSALEM

Much specialized knowledge, and many new techniques and developments have become available, as a result of research programs carried out at the Hebrew University of Jerusalem. In order to further the industrial exploitation of these research developments, the University established in 1964 a subsidiary company — Yissum Research Development Company of the Hebrew University of Jerusalem.

In 1968 the University announced its policy to offer all possible assistance in establishing science-based industries in Jerusalem, and through Yissum, formed — jointly with the Jerusalem Economic Corporation Ltd. — a company to develop a Science-Based Industrial Park in Jerusalem. A number of science-based industries have already decided to build their plants in the S.B.I. Park, one of them a leading pharmaceutical company. All the companies which were admitted to the Park have long established joint research projects with Hebrew University scientists. The activities of Yissum fall into four categories :

1. Operations leading to the setting of industrial enterprises in Jerusalem. The products of these companies will incorporate the technical development, resulting from the research work carried out at the University.

2. The sale of scientific equipment and materials, developed and produced in the laboratories and workshops of the University.

3. The filing of patents covering the results of University research work, and the commercial exploitation of these patents.

4. The establishment of applied-research programs, carried out as a service to, and with the financial support of organisations in Israel and abroad.

Yissum has at its disposal the considerable scientific resources of the natural-science faculties, of the Faculty of Agriculture of the University, of the Hebrew University-Hadassah Medical School and of the School of Pharmacy. These resources include the engineering workshops, and electronics laboratories of the natural-sciences faculties and of the Medical School.

In 1968 Yissum established jointly with Miles Laboratories, Inc. of Elkhart, Indiana, a company for the purpose of developing, manufacturing and selling Diagnostic systems related to Health or Disease, resulting from research conducted at the Hebrew University of Jerusalem. The joint company, Ames-Yissum Ltd., opened a plant in Jerusalem for the development and manufacture of diagnostic kits and the first product of this plant appeared on the market in the first half of 1969.

More products, all of them developed by Ames-Yissum and based on research at the Medical School, have since been added to the line of production and total exports of Ames-Yissum in 1973 amounted to over $ 2 million.

In 1969, Yissum initiated together with the Israel Research and Development Corporation Ltd. the establishment in Jerusalem of Makor Chemicals Ltd., a company for the production of fine chemicals and bio-chemicals for research, based on development, achieved by the Fermentation Unit (a joint venture of the Hebrew University and the National Council for Research and Development), other University departments and other research institutes in the country. The total exports of Makor Chemicals Ltd. in 1973 came close to $ 100,000.

Since its establishment in 1964, Yissum has engaged in producing and selling a number of scientific products like Carbon, Gold and Aluminum Foils for Nuclear Research, Single Crystals, Mechanical and Electronic research apparatus, biological sera & media for research and Solid State Detectors for Nuclear Research. All these have been produced on the Campus and it is the policy

STG INTERNATIONAL LTD.

Founded in 1965 as an electronic manufacturers' representative firm to provide the products manufacturer with a sophisticated marketing outlet. STG's marketing approach was unique in Israel, providing for the first time an engineering sales approach by qualified and experienced engineers. Services rendered by the company in engineering applications, utilizing state-of-the-art products toward the solution of avionic, scientific and military problems.

STG represents, for specific products, such companies as Fairchild, Bendix, TRW, Teledyne, Sangamo, Westland Aircraft, Israel Aircraft Industries, etc.

The company was instrumental, and has acquired interest, in newly locally established industries in the microwave, servo system, and helicopter rotor illumination. STG is acting as export representative for these industries.

The company operates from its head office in Tel-Aviv, and maintains branch offices in London and New York. It has a permanent staff of ten qualified engineers.

Managing Directors & Founders: Tuvia Gruber, B.Sc.; Giora Shulman, M.Sc.; Shlomo Barr, AMBIM.

52 Nachlat Benyamin St. ● P.O.B. 1276, Tel-Aviv, Israel ● Phone 52364, 52365, 53115, 53459
Cable Address: "SLOTUGI", — Tel-Aviv; Telex: 033-229 TelAviv

STG INTERNATIONAL LTD.

of Yissum to turn over its production know-how and experience to commercial firms which will set up production plants in Jerusalem and continue to cooperate with it on further development of the products.
In order to foster applied research activity at the University and create a better link to american venture capital and industrial market, Yissum joined with a group of American businessmen in establishing, in 1969, the Scopus Scientific Corporation. This corporation raised by the end of 1971 close to $ 1 million which were invested in establishing subsidiary companies in Israel and the U.S. for the exploitation of research results of the Hebrew University and other research institutes in Israel.

Chairman of the Board of Directors of Yissum is Dr. Augusto Levi.

Managing Director of Yissum is **Mr. David Simon.**

Head Office: Truman Building, Mount Scopus, P.O.B. 20434, Jerusalem; Phone: 82728; 85211.

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YEDA RESEARCH & DEVELOPMENT COMPANY LTD.

The Yeda Research and Development Co. Ltd., owned by the Yeda Charitable Trust, was established in 1959 to interest industry, both local and foreign, in research projects or processes developed in Israel, particularly at the Weizmann Institute of Science, and to interest Israeli scientists, particularly those of the Weizmann Institute, in projects for which industrial sponsorship is available.

Contracts and Licenses

In pursuance of these aims, Yeda negotiates industrial research contracts and grants licenses for the utilization of inventions.

Local firms as well as companies in the U.S., Britain, West Germany, Belgium and Switzerland are financing industrial research projects of interest to them amounting to $ 1,400,000.

Within the framework of its activities, Yeda undertakes full responsibility for all matters connected with patents. The Company has, thus so far processed over 1,000 patent applications, of which 350 have already matured into patents in various countries.

Many of its projects have already led to commercially valuable products. These include Yeda-Tag, a protective coating material for the citrus crop; Esteral, an unsaturated polyester resin used in fibreglass production and produced by Makhteshim; a new process for the bulk production of a known insecticide; vinyl acetate emulsions for paints and glues, now manufactured by Nezah Company of Azur; heavy isotopes of oxygen and polyamino-acids, copolymers, peptides and amino-acid derivaties (by Miles-Yeda) of which over a half million dollars worth are sold annually.

In the fields of instrumentation, the Elron Electronic Industries of Haifa produce an automatic recording constant velocity Moessbauer spectrometer. A cryostat and furnace used in conjunction with this spectrometer are manufactured by Ricor Ltd., Ein Harod. Recently Yeda has entered the field of scientific instrumentation and is engaged in the development, manufacture and marketing of a variety of laboratory instruments, retailing at between $ 100 — $ 2,500. Among the more expensive instruments is a novel precision X-ray diffractometer reatiling for approximately $ 25,000.

A service corporation, SIDCO Ltd., was set up in 1968 by Yeda Company in order to develop a centre for science-based industries in the Rehovot area. It assists interested companies to obtain land, space and facilities, represents them in their dealings with official bodies and provides them also with certain technical services.

Yeda Research and Development Co. Ltd. at the Weizmann Institute of Science, Rehovot, Israel; P.O.Box 95; Tel. 950617; Cables : Yedaco Rehovot, Israel.

CONTAHAL (CONTROL DATA – TAHAL) LTD.

Contahal Ltd. was jointly established by Control Data Corporation, Minneapolis, Minnesota U.S.A. and Tahal Consulting Engineers, Israel. The company began its activities in May 1970.

Contahal was formed to serve as a consulting firm in the field of information system design, development and implementation. It benefits from the extensive resources offered by its parent companies which enjoy worldwide acclaim in their respective fields.

Areas of Activity :

Systems Engineering — Definition of activities of a system — characterization of parameters and their influencing factors — selecting proper equipment to be used in the system — establishment of desired flow of information, priorities, types, formats, frequency and standards of reporting — coordination of personnel into the various areas of activities.

Organization and Management Planning Systems — Determining the goals of a system — developing standards of reporting and control — analysis and building of the system.

Organization of Management Information Systems — Development of the system-preparation of operational plans leading to the level of production.

Operations Research — Building mathematical models for a system — data collecting relating to : quantity of data, constraints, criteria — validating the model and its economic value for operation through the use of optimization techniques.

These disciplines are applied, as appropriate, to the following requirements:

Commercial Applications — Management of finances — pricing — inventory management and control — various additional topics of commercial data processing.

Scientific Applications — Statistics — optimization techniques — engineering applications — analysis and building of simulation models.

Hospital Information Systems — administrative, management and medical-clinical systems — computer assisted planning — research and training.

Programming — Writing general and special programs for the numerous types of computers in use in Israel.

Contahal employs a staff of 25 top-level professionals. Their academic background affords them vast knowledge and experience in the fields of computer and systems engineering.

Contahal Board of Directors :

Representing Ttahal Consulting Engineers : Mr. Aaron Wiener (Chairman of the Board); Mr. E. Balaban; Mr. E. Sheeloh.

Representing Control Data Corporation : — Mr. James E. Davis; Mr. David G Familiant; Mr. Duane H. Wenthworth.

General Manager : Dr. Menahem Gutterman.

Contahal Main Office : 54, Ibn Gvirol Street, Tel-Aviv, Israel; Phone 263263, Telex 033-654; Cables: TAHALPLAN TELAVIV ; P.O.B. 11170.

ELBIT COMPUTERS LIMITED

A SUBSIDIARY OF

CONTROL DATA CORPORATION

Originnally formed in 1966 as a joint venture between Elron Electronic Industries Ltd. and the Israel Government, Elbit was the first Israeli company to enter the rapidly-expanding computer field. During the first four years of its growth, the company built up a team of highly qualified personnel, with the capability to develop, design and manufacture minicomputers. computerized data entry systems, industrial process control systems and military systems tailored to the specific requirements of the Israel Ministry of Defense.

In August 1970 Elbit became a subsidiary of the multi-national Control Data Corporation. As a result of the new partnership, Elbit benefits both from Control Data's world-wide resources in marketing, finance and technology, and Elron's experience in operating a science-based industry in Israel.

Today, Elbit is fully engaged in meeting the increasing needs of the world-wide commercial and industrial market. The company has just introduced a new high-performance minicomputer which embodies the latest developments in computer technology. This minicomputer serves as the "brains" for a variety of applications which make use of a wide range of peripherals with extensive and advanced software. The company is gearing up for high volume production to satisfy the growing demand for export of the new products.

Elbit is also heavily involved in Israel's defense efforts, and contributes significantly to the country's progress towards technological self-sufficiency. Elbit is a source of sophisticated and highly reliable military products, extensively used by various arms of the Israel Defense Forces.

Elbit is a dynamic, fast growing company with over 500 employees, which provides challenging opportunities for Israel-trained and new immigrant professionals in the fields of engineering, system analysis, administration, marketing, and manufacturing. The company occupies spacious, modern facilities in the Advanced Technology Center, a large industrial park in the southern suburbs of Haifa.

Managing Director of Elbit is Mr. Uzia Galil.

Advanced Technology Center, P.O.B. 5390, Haifa 31-051.

Tel. 04-522211. Telex: 04-774.

THE INSTITUTE FOR PLANNING AND DEVELOPMENT (1970)

I.P.D. was established by the Government of Israel and the Association of Engineers and Architects of Israel, as a non-profit professional organization intended for the promotion and channelization of engineering services from Israel to international, government, public and private clients abroad.

Planning, architectural, and engineering skills and knowhow, accumulated through many years of developing a small country under adverse environmental conditions, are made available through the Institute. Several hundred consulting engineers, architects, planners, economists and other professionals with a broad range of experience and knowledge, have pooled their talents, and undertake assignments in their various fields of activities.
Small projects, as well as major multidisciplinary development work, requiring the joint effort of many individuals and firms, can be undertaken in coordination with the Institute, enabling the client to select the solution most suited to his particular needs.

Twenty years of experience with projects undertaken in various countries by Israeli firms, have amply demonstrated that although it is small in magnitude, the impact of available Israeli know-how, on developing countries is considerable. Adaptation to modern techniques, and advanced comprehensive planning methods to suit specific conditions prevailing in developing countries, are two of the many advantages presented by the Institute.

Furthermore, the Institute represents both the client and the consultant. Thus, large and small-scale firms, government agencies and scientific institutes are all represented by the Institute, which co-ordinates the vast range of Israel's professional knowledge and makes it available to the client.

★ ★ ★

Established in 1962 as the Institute for planning and Development, it has been renamed, in 1970, the Institute for Planning and Development (1970).

Director General: **Itzhak Horowitz,** C.E., M.Sc., F.A.S.C.E., Fell. I.P. (London), M.S. I.C.F.;

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INSTITUTE for PLANNING and DEVELOPMENT (1970) LTD.

123 Hashmonaim Street, Tel Aviv, ISRAEL
Telephones: (03) 263133 Cable: DIPINST.
Telex: 32337 IPD

CONTROL DATA ISRAEL LTD.

Control Data Israel Ltd. is part of the world-wide operations of Control Data Corporation of Minneapolis, Minn, U.S.A., producers of the world's largest and most sophisticated computers.

Operations in Israel were started in 1965 and since then orders have been received and computers installed for the largest computer systems operating in Israel. These include computers at the Weizman Institute of Science, The Hebrew University of Jerusalem, Israel Aircraft Industry, Ministry of Post, Ministry of Defence, and the largest computer system in Israel (actually, the largest computer in all of Asia and Africa !) installed only lately at the Tel-Aviv University.

Control Data Israel enjoys constant growth both in value of equipment installed in Israel, number of employees and facilities. The company now employs more than 100 engineers, technicians, programmers and system analysts, and recently moved its head office to its new facility in Ramat Aviv. The new offices include a large computer room intended for the "Data Center" the company plans to open in Israel, shortly.

In order to become further involved in the commercial and scientific market in Israel Control Data Corporation acquired a controling interest in "Elbit Computers" the only company in Israel manufacturing digital computers, and is now marketing in Israel the Elbit "Validata", a multy-station key-to-tape system.

A joint agreement with "Tahal" led to the creation of "Contahal", a consulting firm specializing in engineering, operation research, data processing etc. Contahal is jointly owned by Control Data and Tahal, Israel.

Director of C.D.C. operations in Israel is Mr. Naftali Raz. The General Manager of Control Data, Israel Ltd. is Mr. Gideon Nachmani.

Control Data's full line of products and services are available to Israel computer users. These include : computers of all types, peripheral equipment, data collection and communication systems, computer remote terminals, "validata" key-to tape systems etc.

Head Office: 43 Brodezky St., Ramat-Aviv, Tel-Aviv, Tel. 418141.

M.L.L. STATISTICS and OFFICE EFFICIENCY LIMITED

M.L.L. Statistics and Office Efficiency Ltd. is a nation-wide company supplying data processing services, including systems engineering, implementation research, programming and current data processing work by computers.

The M.L.L. Company operates through four regional service bureaus: the central service bureau in Tel Aviv, as well as bureaus in Haifa, Jerusalem and Ashdod.

M.L.L. is the biggest professional organization in Israel that supplies the most varied service basket in the field of data processing by the means of electronic computers in Israel.

M.L.L. is the first commercial service bureau in Israel operating two systems of computers of the "370"-computer series model 135.

M.L.L. will be the first operator of modern technological devices in Israel, based principally on the processing of data from distant locations by means of communications and terminals as well as simultaneous data processing.

Among the clients of M.L.L. Ltd. are industrial and commercial enterprises, financial institutions, public institutions, marketing companies, research institutes, etc.

The company, owned by Messrs. Amiram Shore and Arye Shemesh, employs about 350 persons, of whom some 40 hold academic degrees.

M.L.L. Ltd. has a number of sister companies whose fields of activities complete and reinforce the central operations of the mother company. The sister companies are:

1. **M.L.L. Tel Aviv Services for Punching (1969) Ltd.,** handling the supply of input services for computers.
2. **Israel Institute for Software Ltd.,** supplying programs for computers.
3. **I.D.P. Israel Data Processing Systems & Products Ltd.,** representing a number of companies of world-renown in the field of systems and data processing, the most important of which is the Dutch company Philips Electrologica in the field of mini-computers.
4. **Assets & Investments of M.L.L. (Acquisitions) Ltd.**

★ DEVELOPMENT OF COMPUTER INSTALLATIONS FOR THE SERVICE BUREAU OF M.L.L.;
★ INVESTMENTS & DEVELOPMENT IN INDUSTRIES MATERIALS FOR COMPUTERS;
★ INVESTMENTS IN SCIENTIFIC PRODUCT INDUSTRIES.

General Managers: Amiram Shore, Arie Shemesh.

Head Office: 12, Carlebach St., Tel Aviv, Tel. 264102-3-4.

ISRAEL MANAGEMENT CENTRE (IMC)

The IMC was established as a public corporation in order to work for the advancement of management in economic enterprises, services and administrative bodies. This is to be achieved by means of:

— propagating the idea of progressive management and deepening management consciousness;
— developing the ability and capacity of managers in Israel by creating opportunities for training, exchange of views, experience and information, among managers;
— coordination and cooperation with bodies dealing with the advancement of management in Israel and abroad.

IMC carries out its tasks through the following channals: Study days; special conferences, symposia, seminars, training courses; branch activities, group activities; study groups; study tours; "luncheons".

Special activities: School of management, research on subjects of management, various publications and the organ "Management".

The Israel Management Centre is a voluntary body. The Council that is its supreme body includes representatives of IMC members and representatives of the founding institutions — the Government, the Histadrut and the Manufacturers Association.

The Council determines the lines of policy in principle and elects the Board of Directors that supervises the implementation of current activities.

The activities of IMC throughout the country ,in the various spheres of management, are planned and directed by central professional committees whose members are known for their high competence in the theoretical sphere as well as in the practical sphere of management.

The IMC' professional committees operate in the fields of general management, financial management, industrial management, marketing management, man-power management and public administration.

The members of the professional committees fulfil their tasks voluntarily.

Membership in the IMC is open to every person who holds a managerial position in industries, commerce, services or administration as well as to professionals who are connected with subjects of management.

IMC has 4 branches: in Jerusalem, Tel-Aviv, Haifa and Beersheba.

The branches carry out independent activities in addition to the country-wide activities initiated by the central committees.

After 14 years of its existence, IMC has reached a membership of 3800 managers from all branches of management in Israel's economy.

Chairman of the Board of Directors: Meir Amit, general manager of Koor Industries Ltd.

General Manager: Nehemia Brosh.

Secretary-General: Alexander Goren.

Executive of the IMC and its Tel-Aviv branch: Henrietta Szold St. 4, Tel-Aviv, P.O.Box 33033, Phone 257202.

Jerusalem branch: Jaffa Rd. 30, P.O.Box 860, Phone 224141.

Haifa branch: Derekh Ha'atzmaut 82, P.O.Box 1821, Phone 640678.

Beersheba branch: P.O.Box 224, Beersheba.

HESHET MANAGEMENT CONSULTANTS

was founded in 1950 as a subsidiary of the Palestine Corporation Ltd., in cooperation with P.E.C.

P.E.C.

Is an independent consulting firm since 1955.

HESHET'S CLIENTS COMPRISE:

Industrial enterprises: textile, plywood, food, metal working, metallurgy, chemical, oil, and others.

Building, transportations, fisheries.

Agricultural settlements.

Commercial organizations, banks and insurance companies.

Government departments, municipalities and

other public institutions.
Potential investors.

HESHET'S STAFF IS COMPOSED OF:
Engineers of various specializations.
Economists.
Auditors.
In addition, Heshet retains the services of outside specialists of high standing.
Close cooperation between Heshet and the staff of its clients ensures optimal solutions and smooth implementation.
In large enterprises, Heshet promotes the formation of an Industrial Engineering Department from the firm's employees.
In smaller enterprises, Heshet trains a number of the firm's employees to continue its work.
Heshet is retained as permanent consultant by a large number of big and small enterprises.

SERVICES TO EXISTING ENTERPRISES

TECHNO-ECONOMICAL INVESTIGATIONS
Investment feasibility studies.
Expansion.
Plant renewal.
Cost reduction.
Valuation and revaluation.
Forecasts of rentability and liquidity.

WORK ORGANIZATION:
Methods improvement and time study.

INCENTIVE WAGE SYSTEMS:
Direct, indirect and multi-factor.

PRODUCTION PLANNING AND CONTROL:
Graphical and quantitative techniques, Gantt charts, PERT.

LAYOUT:
Physical arrangement of machinery, internal and external transportation.

EFFICIENCY INVESTIGATIONS:
Technical and administrative service departments.

MARKETING:
Market research, marketing methods.

OFFICE ORGANIZATION:
Office cost reduction, planning of large office systems, integration of manual and machine methods, office layout, methods improvement for clerical, secretarial and filing work.

COSTING AND BUDGETING:
Accounting and cost accounting systems, budgets and budgetary control.

OFFICE MACHINES AND COMPUTERS:
Feasibility studies for mechanical or electronic equipment, systems analysis and programming.

THE PRELIMINARY STAGE:
Feasibility study.
Determination of optimal size.
Estimate of required investment.
Cost estimates for individual products.
Selection of product mix.
Preparation of reports for Government and financing institutions.
Location.

Head Office: Haifa, 35 Hameginim Ave., P.O.B. 1717, Tel. 538259.

RAPHAEL MITZPE RAMON LTD.

The Company specialized since 1960, the year of its foundation, in the manufacture of water valves under the ownership and management of the late Rafi Cohen. In 1971, after the death of Rafi Cohen, the Company was acquired by "Koor"-Group as a subsidiary of Vulcan-Foundries Ltd., Haifa.

In the end of 1973, after changes in management, the Company started on a development program aiming at establishing it as the leading firm in Israel in the field of Accessories for Fluids-Handling.

The production program comprises today 3 main lines: Valves, Pumps and Drains.

In the line of Valves: butterfly valves, globe- and gate-valves, in diameters up to 36", non-return valves, air-valves, various types of fire hydrants, pressure-reducing and -regulating valves, thermostatic valves.

In the line of Pumps: Horizontal and Vertical Pumps, Pumping Stations.

In the line of Drains: Floor- and Roof-drains, Strainers, etc. for removal of wastes.

The production facilities owned and run by the firm are located in different parts of the country:

- In Mitzpe Ramon: production of Butterfly valves.
- In Haifa Bay: production of Gate-valves, Pumps, Drains.
- In Tel-Aviv: production and assembly of Pressure reducing and -regulating valves. Thermostatic valves.
- In Petach-Tiqua: Foundry.

The marketing activities comprise a still larger range of Accessories for fluids-handling, manufactured by affiliated firms or imported.

Substantial orders have been obtained and supplied to shipyards in Germany and Holland, Municipal Water Works in Greece, Iran, etc., Factories in U.S.A., France, Belgium a.s.o.

The General Manager is Mr. Hananya Nahor.

The Company's Head Office is in Tel-Aviv, 12 Hacarmel Street. P.O. Box 29402. Tel. 51953. Telegraph — Xume Tel-Aviv. Telex — 03-2251.

YA'AL ASSOCIATES LTD. MANAGEMENT CONSULTANTS

The Ya'al Associates Ltd. (in Hebrew: IGUD HAYA'AL B.M.) started operating in 1953 as the first Israeli management consulting firm in Tel-Aviv. They offer a broad range of consultation and implementation services covering the entire management field, as well as feasibility studies and surveys for company reorganization, cost reduction programs, acquisitions and mergers.

Particular emphasis is being placed by these consultants on the practical application of modern analytical techniques to the solution of management problems. Consequently they have been able to make distinct contributions to such fields as corporate organization, work measurement and incentives, systems analysis, cost control, and to developing solutions for many operating problems in the varied activities of a business enterprise.

During their 21 years of activity YA'AL consultants have carried out assignments for more than 120 clients, including most branches of industry and commerce as well as government and public institutions. They are actually being retained on a permanent basis by a score of the foremost industrial companies in the country.

Managing Director:
Y.S. EKSZTAJN, B.Sc., Ing., M.I. Mech. E.
Senior Associates:
A. ARTZI, B.Sc.
A. RIESEL, B.Sc. (Eng.), M. I. Mech. E.
Y. SEELENFREUND, B.Sc., Ing.
Project Coordinators:
U. BARANY, B.Sc.
J. FUCHS, B.Sc.
A. LEVIN, B.Sc.
R. MAOR, B.Sc.
M. RAND, B.Sc.
D. YEROUHAM, B.Sc.
Address for correspondence:
YA'AL ASSOCIATES LTD.,
P.O.Box 6128, Tel-Aviv 61060, Israel.
Phone: (03) 44 82 79.

"TEUS" DEVELOPMENT AREAS INDUSTRIALIZATION LIMITED

TEUS was founded in 1958 as a joint Government-Histadrut (Hevrat Ovdim) holding company, and is now an affiliate of the Histadrut only. It has been given the task of establishing and promoting essential industrial enterprises in development areas, where private capital is still reluctant to venture. These areas cover localities situated all over the country, in places such as Ashdod, Kiryat Shmone, Ofakim, Beer Sheva, etc. At present TEUS incorporates and controls 17 subsidiaries covering a range of lines such as textiles, electronics, plastics, medical and pharmaceutical products.

TEUS comprises the following industrial undertakings:

MEDICAL PRODUCTS

IKAPHARM — Pharmaceutical Chemical Laboratories Ltd., Ramat-Gan.

SALVAPLAST Ltd. — Medical Dressings & Bandages, Kiriat Matalon, Petach-Tikva.

"IZMEL" Ltd. — Stetoscopes, Surgical Instruments, Hypodermic needles, sterile disposable plastic syringes — Ashkelon, Industrial Zone.

"MADAD" Ltd. — Clinical & Industrial Thermometers — Shderot, Industrial Zone.

PLASTICS

INTERPLAST LTD. — Handbags, school bags, tote bags, etc. — Industrial Zone, Afula.
"CHEMOPLAST" Ltd. — Plastic Goods designed for office and advertising purposes, plastic toys and plastic seats for furniture — Afula, Industrial Zone.

KLEINMAN PLASTICS LTD. — Plastic Goods designed for office and advertisement requisites — 2, Chen Blvd., Tel-Aviv.

TEXTILES

"HULA TEXTILES" Ltd., Spinning Mill, Kiryat Shmone.
"OFEK" Ltd. — Weaving Mill — Ofakim Industrial Zone.
"HAGOR" — Textile Products designed for camping purposes and other special kind of equipment — Bnei Brak.
TEXTILE HOUSE Ltd., 15 Herzl St., Tel-Aviv; Tel. 56524.
"MATPERATH HANEGEV" — Sewing Plant, Beer Sheva, Industrial Zone.
"SLILIM" HULA Ltd., Azur.

SUNDRY

"NEOTECHNOGLASS" Ltd. — Manufacturers of Spark Plugs, Neon Glow Lamps, Architectural Lighting, Low voltage decoration Lamps, Medical U. Violet Blue Lamps, Mercury Switches. Illuminating Push-Buttons and starters for fluorescent lamps — Nes Ziona, Industrial Zone.
"KORAT-ON" Ltd. — Precast Prestressed Concrete products — Ashdod, Industrial Zone.
"GATRON" Ltd. — Printed Circuits, Loudspeakers — Kiryat Gat, Industrial Zone.
"PIM" Industries & Trading Ltd. — 39, Yehuda Halevi St., Tel-Aviv.
GUMCHIM LTD. — Rubber threads manufacturing plant — Industrial Zone, Azur.
TEUS MAINTENANCE AND OPERATION OF INSTALLATIONS LTD. — Haifa.

General Manager is **Mr. Ephraim Reiner;** Dep. General Manager: **Mr. Arie Mazor.**

Office: 99 Hashmonaim St., Tel-Aviv, P.O.B. 20192; Phone: 263202; Cables: PITEUS Tel-Aviv.

Defensor
AIR HUMIDIFIERS

Sole Representative for Israel
GABOTRON LTD

Electronic Control of Temperature and Humidity

Tel-Aviv ● 203 Bne Ephraim Str. ● Tel. 77-02-65

INDUSTRIES DEVELOPMENT CORPORATION (INTERNATIONAL SERVICES) CO. LTD.

ENGINEERING — Concepts and Overall Plans, Detail Engineering Design, Implementation, Coordination and Supervision.

Economic, Financial and Managerial Services

P.O.B. 6144 — Haifa, Israel
Telephone: 04-244411/9
Telex: 4779 IDC IL
Cables: INDEVCO

TAHAL – WATER PLANNING OF ISRAEL LTD.
TAHAL CONSULTING ENGINEERS LTD.

Founded in 1952 as a water planning company, TAHAL has steadily expanded its engineering activities to include a wide range of subjects, as diverse as rural planning and development, the design of industrial complexes, and systems engineering. The Company covers a wide range of engineering services, from preliminary surveys through feasibility studies and design to supervision of construction and contract management. Major projects are handled by selected Project Teams, headed by a Project Manager directly responsible towards both the Client and the Company throughout all phases of the work. The Project Managers of the Company are supported by its research and investigation services, its specialized engineering and management groups and its high level consultants. In its overseas projects the Company employs local technical personnel and labour to the fullest possible extent.

TAHAL has a permanent technical staff 800 strong, of whom some 400 are qualified engineers, scientists, economists, as well as a panel of specialized outside consultants. It maintains close collaboration with academic and scientific institutions both in Israel and abroad in order to keep abreast of technological advances.

The Company's present activities are mainly in the following fields: Water Resources Development, Water Supply, Sewerage and Sewage Reclamation, Flood Protection and Control, Agricultural Planning and Development, Irrigation and Drainage, Oil and Gas Conveyance and Storage, Industrial Planning and Design, Highway Engineering, Economic Studies, Computer Science, and Systems Engineering.
The Company operates from its Head Office in Tel Aviv, and maintains branch offices and representatives in various African, Asian, and Latin American countries.

Chairman of the Board, Tahal Ltd.:
Yitzhak Levi, formerly Director,
Ministry of Agriculture

Chairman of the Board, Tahal Consulting Engineers Ltd.:
Baruch Bassin, formerly Director,
Public Works Dept., Ministry of Labour

Management:
A. Wiener, President
E. Balaban, Executive Vice President

Head Office:

54 Ibn Gvirol St., Tel Aviv; P.O.B. 11170; Tel. 263-263; Telex 033-654

THE ISRAEL ELECTRICAL CORP. LTD.

A RECORD OF TEN-YEAR DEVELOPMENT

	1961/2	1966/7	1971/2	Percentage growth from 1961/62 to 1971/72
POPULATION, at year's end (thousand)	2,261	2,657	3,117	+ 37.9
GENERATION				
Installed Generating Capacity . . (MW)	560	868	1,410	+151.8
Peak Demand . . . . . (MW)	458*	718**	1,285***	+180.6
Electricity Generated . . (Million kWh)	2,532	4,514	7,608	+200.5
Load Factor . . . . . per cent	63.0	77.6	67.4	
Av. Fuel Oil Consumption (Gr. per kWh)	281	270	249	— 11.4
* Peak Demand met; Potential Peak Demand —	468 MW			
** Peak Demand met; Potential Peak Demand —	760 MW			
*** Peak Demand met; Potential Peak Demand —	1,304 MW			
NETWORK				
E.H.V. and H.V. Lines . . (Route Km)	5,133	6,742	8,302	+ 61.7
L.V. Lines . . . . . (Route Km)	4,835	5,666	6,270	+ 29.7
Distribution Transformers . . (MVA)	1,134	1,905	2,798	+146.0
MANPOWER				
Number of Employees . (at year's end)	4,512	5,304	5,274	+ 16.9
ELECTRICITY SALES (Million kWh)				
Industrial	796	1,253	2,207	+177.3
Water Pumping	527	969	1,434	+172.1
Domestic, Commercial and other . .	807	1,627	2,937	+263.9
Total Electricity Sales . (Million kWh)	2,130	3,849	6,578	+208.8
CONSUMERS (thousand)				
Domestic	510	679	816	+ 60.0
Commercial and Public	76	99	116	+ 52.6
Industrial and other	18	23	26	+ 44.4
Total Number of Consumers (thousand)	604	801	958	+ 58.6
AVERAGE ANNUAL CONSUMPTION PER CAPITA . . . . . (kWh)	946	1,449	2,199	+132.4

ELECTROCHEMICAL INDUSTRIES (FRUTAROM) LTD.

The Company's three divisions manufacture PVC Resin and Compounds, Industrial Chemicals, Fine Chemicals and Essential Oils. Sales in 1972 amounted to IL. 49 million. Sales estimate for 1973 is about IL. 70 million. Sales in 1974 are expected to exceed IL. 100 million, out of which approximatly 13% will be exported.

By the end of 1973 the Company will have completed doubling its Electrolysis plant capacity. By mid 1974 the Company is expected to commence production of a range of fire extinguishing powders. By mid 1975 the Company is planning to commission a new PVC Resin plant, thus doubling its present capacity.

The Company employs over 400 workers, most of them skilled. Its total assets at the end of 1972 amounted to IL. 73 million and increased to approximately IL. 85 million by the end of 1973.

Chairman of the Board of Directors is Mr. Yaacov Salomon, Adv.; Managing Director is Mr. I. R. Kosloff.

E.I.F. office: Haifa, P.O.B. 1929 — Telephone 715211-2-3; 910531-2-3; FRUTAROM. Office: Mifratz Haifa, P.O.B. 10067, Tel. 721311-2.

ELECTROCHEMICAL INDUSTRIES (FRUTAROM) LTD.

Manufacturers of :

P.V.C. Resins (Suspension and Emulsion) / P.V.C. Compounds / Caustic Soda / Caustic Potash / Potassium Carbonate / Chlorine / Hydrochloric Acid / Sodium Hypochlorite / Hydrogen / Perchlorethylene / Trichlorethylene / Rubber Lining.

P.O.B. 1929, Haifa; Telephones : 715211-2-3, 910531-2-3

Cables : ELECTROKEM **Telex : 04-689**

DEAD SEA PERICLASE LTD.



DEAD SEA PERICLASE LTD. is a company set up jointly by the Israeli Govt. through Israel Chemicals Ltd. and a group of Austrian, French and American Investors.

The ownership of Dead Sea Periclase Ltd. is divided between Israel Chemicals Ltd. on behalf of the Government of Israel. with a share of 50%, and the remaining 50% shared equally by the following foreign investors:

1. Osterreichisch - Amerikanische Magnesit Aktiengesellschaft (OAMAG).
2. Radex International S.A.
3. Xantos A.G.

The first two companies are subsidiaries of General Refractories Comp. one of the largest manufacturer of refractory bricks in the USA. The company has completed erecting a plant, which in its first stage will produce about 55,000 tons of periclase. This is a pure dead burnt magnesium oxide and is used as a raw material in the manufacture of high duty refractory bricks.

The running-in period began on April 1973, and the output for the first year of operation, is expected to be 25,000 tons of periclase. The total investment is about 21 million dollars for the first stage of development.

The basic raw material used in the manufacture of periclase is magnesium chloride extracted from the Dead Sea as a by-product in the manufacture of Potash. Brines, rich in magnesium chloride are pumped via a pipeline from the Dead Sea Works at Sdom to the Dead Sea Periclase Plant, at Mishor Rotem, near Arad.

Israel and Austria have both contributed to the processes to be used in the manufacture of periclase. The process is carried out in two main sections: 1) The Wet Section; 2) The Dry Section.

The Wet Section: In this part of the process, magnesium chloride brines are pre-concetrated and then subjected to intense heat in an Aman tower (named after its Israeli inventor, Dr. Yosef Aman), which is similar in principle to a spray dryer. A concentrated solution of magnesium chloride is sprayed through nozzles downwards into the reactor and the droplets fall slowly through rising hot gases. After most of the water has evaporated, hydrolysis of the magnesium chloride occurs. Magnesium oxide emerges from the bottom of the reactor. The hot HCl gases from the top of the reactor with dust and water vapour are used to provide heat to the brine pre-concentrator. The hydro-chloric acid is absorbed in water in a concentration of 21% HCl by weight. This by-product acid will be pumped to the neighbouring Arad Chemical Industries plant, to be used in the manufacture of high quality phosphoric acid. The magnesium oxide emerging from the bottom of the reactor is fed first to the two-stage washing system, in which the insoluble magnesium oxide is separated from its contaminants, which are all water soluble. The washed slurry then goes to the third rotary vacuum filter for the removal of most of the residual water. During the washing, the magnesium oxide is converted to magnesium hydroxide and this product is then fed to the dry section. 250,000 m^3/A water recovery plant included in this section.

The Dry Section: There are four main operations carried out in this section: a) **Dehydration** of the filter cake to remove its water content; b) **Calcination** of the hydroxide at the temperatures of between 800°C and 1,000° C., in order to transform it back into active oxide powder; c) **Pressing** of the oxide powder into hard, dense pellets; d) **Sintering** of the pellets at 1800°C to 2200° C.

The sintering operation raises the bulk density of the product to about 3.35. The periclase is stored in bulk and will be shipped via road or rail to the port of Ashdod for shipment to Europe and the West.

Product Quality: The chief industrial use for magnesium oxide is in the refractory bricks in steel furnaces. In order that the internal furnace surface will withstand high temperature conditions, they are constructed of a material possessing high refractoriness in addition to mechanical strength, low porosity and high purity. The magnesium oxide when produced, will be of a purity of at least 99.4%, which is considerably higher than other competitive materials available. Therefore, it will also be used as an intermediate in the pharmaceutical and fine chemical industries. For these uses industry demands hydroxide or caustic (active) oxide powders. Part of the production of the plant will be dehydrated

and calcined only, to make it suitable for sale for these industries. The fine material will be packed in paper polyethilene-lined bags of about 50 kgms each, although it can be shipped in larger containers if the market warrants it.

Managing Director is Mr. Shlomo Nadel. Mishor Rotem, D. N. Arava, Tel. 057-91951; Telex: Latin 0556; Cables: PERICLASE.

ISRAEL CHEMICALS LTD. (I.C.L.)

ICL was registered as a Government Company in January 1968. It was formed by the Israeli Government for the purpose of consolidating and integrating the Government owned basic chemical industry in Israel.

A re-organisation was carried out early in 1971, and today, ICL acts as the parent organisation for those companies producing chemicals from the mineral resources of the State of Israel, and which, because of the substantial Government holdings in their share capital, come under the aegis of the Ministry of Development.

The Companies comprising Israel Chemicals Ltd. are :

1) Dead Sea Works Ltd. — Potash House, P.O.B. 75, Beersheba; Phone : 057-5311; Cables : Israpotash; Telex: 03536.

2) Chemicals and Phosphates (Haifa) Ltd. — Haifa Bay, P.O.B. 1428; Phone: 04-721381; Cables: Ferchem; Telex: 044-843.

3) Arad Chemical Industries Ltd. — Mishor Rotem, Doar Na Arava; Phone: 057-91121; Cables: Chimarad Rotem; Telex: 0532.

4) Negev Phosphates Ltd. — Oron, P.O.B. 420, Beersheba; Phone: 057-91263; Cables: Phosphatim, Tel-Aviv; Telex: 03-731.

5) Dead Sea Bromine Ltd.

5a) Bromine Compounds Ltd.

Potash House, P.O.B. 75 Beersheba; Phone: 057—5311; Cables: Israpotash; Telex: 03536.

6) Dead Sea Pericalse Ltd. — Mishor Rotem, Doar Na Arava; Phone: 057-91952; Cables: Periclase; Telex: 0556.

These companies are currently functioning as independent legal entities and have individual boards of directors composed of members of Israel Chemicals Ltd., representatives of Ministries of the Government and leaders of science, commerce and industry.

The Chairman of the Board of Directors is Mr. J. Vardi (Director General, Ministry of Development) and the Managing Director is Mr. M. Maklef.

The main offices of Israel Chemicals Ltd. are: 8, Rehov Tet, Hakirya, P.O.B. 98 Tel-Aviv; Phone: 03-255451; Cables: Ischemical; Telex: 03-731.

CHEMICALS FOR CROP PROTECTION AND PLANT GROWTH REGULATORS

A wide range of sophisticated agricultural chemicals is produced in Makhteshim-Agan's industrial complex of modern plants, using active ingredients of their own synthesis. Makhteshim-Agan are part of Koor Chemicals Ltd., the chemical division of Koor Industries Ltd., Israel's major conglomerate incorporating over 64 enterprises.

Makhteshim-Agan's main production and export lines include over 100 different chemicals (pesticides) in ready-to-use formulations, 15 concentrated technical materials available for local formulation by overseas customers, in addition to plant growth regulators. Insecticides, fungicides, and herbicides are marketed in either liquid, powder, dust or granule formulations. Makhteshim-Agan's major insecticides are Thionex, used to control vegetable, cotton, tobacco and oil crop pests; Cotnion, for pest control in orchards; and Diazol, for the control of rice field pests. Other insecticides include Danex, Bromex, Divipan, Ravyon, and the newly-developed Monocron. The fungicides manufactured are Merpon (captan) and Folpan, used in horticultural crops all over the world, and Zidan and Manebgan, the broadspectrum fungicides for control of vegetable and field crop diseases. The herbicides manufactured are based on urea, triazine and dinitroaniline derivatives.

The newest and most revolutionary Makhteshim-Agan development in plant protection

chemicals is the ULV (ultra low volume) formulation, which needs absolutely no water dilution. ULV products enable spraying crop protection chemicals where water is not available, and greatly increases aerial spraying efficiency, saving time, cost and manpower.

Plant Growth Regulators

Plant growth regulators manufactured are Cycogan (CCC) and Tomaset (N-m-t). Sprayed on cereal crops at a specified stage of growth, Cycogan inhibits stem growth, thereby limiting crop growth, preventing lodging, and increasing yields. Tomaset enables tomato fruit to set under adverse climatic conditions, thereby increasing yields in tomato plants.

Makhteshim-Agan chemicals for crop protection and plant growth regulators are sold to over 60 countries, including Australia, New Zealand, Thailand, Singapore, Taiwan, the Philippines, and Korea, the latter being one of the largest customers in the area.

In contrast to the giant chemical firms on the international scene, Makhteshim-Agan are more flexible and able to fulfil specific customer needs. The marketing programs involve a thorough survey of the agricultural-chemical needs of each area, professional advice to customers, and, finally, on-the-spot instructions in the proper application of the chemicals. Both Makhteshim and Agan are particularly interested in developing markets where the more sophisticated agro-chemicals have not yet been introduced.

The combined Makhteshim-Agan exports for 1972 were $ 15 million, and will reach $ 20 million in 1973.

MAKHTESHIM
BEER-SHEVA
CHEMICAL WORKS LTD.

AGAN
CHEMICAL MANUFACTURERS LTD.
OF THE KOOR CHEMICALS GROUP

P.O.B. 60. Tel. 057-71221. Cables: MCHEM IL. Telex: 05-76, Beer-Sheva, Israel.

HAIFA CHEMICALS LIMITED

Haifa Chemicals Limited was established in 1966 and began production in 1969. It is owned by the Oil Refineries Limited. The plant consists of a $ 15,000,000 complex of interrelated installations. These utilize two new processes developed by the Israel Mining Industries to convert Dead Sea potash, Negev phosphate rock and nitric acid, into potassium nitrate and phosphoric acid. Rated annual capacity of the plant is 100,000 tons of potassium nitrate. This consists of 87,000 tons agricultural material and 13,000 tons technical material. Production capacity of technical grade phosphoric acid is 16,000 tons of 100% P_2O_5. The products are destined almost entirely for export and are valued at approximately $ 10,000,000 annually.

Agricultural potassium nitrate is a high quality fertilizer consisting of almost chlorine free potassium and nitrate nitrogen. It is used in horticultural crops, tobacco and tree crops. Technical potassium nitrate is used in the metal cleanings, glass and ceramic industry as well as in pyrotechnics. Phosphoric acid can be used for industrial purposes and for the production of detergents and phosphate salts.

Haifa Chemicals is planning to double its capacity of production in the nearest future.

The plant is located in the Haifa Bay area, adjacent to the Oil Refineries Limited. It employs 289 persons.

Managing Director — Mr. I. Ratner.

HAIFA, P.O.B. 1809

CABLE HAIFACHEM

TELEX 618 / TEL.: 726051

DEAD SEA BROMINE LIMITED
BROMINE COMPOUNDS LIMITED

The first of the two companies was formed in 1955 to continue the production of bromine out of the Dead Sea brine in Sdom, which, up to 1947, was produced at the Northern shore of the Sea. Regular production started in 1958 and was, since considerably increased to reach the current level of approximately 20,000 MTA. Practically, the total production of bromine and ethylene dibromide was exported up to 1963, when a daughter company, the Bromine Compounds Ltd., (BCL), established a plant in Beer Sheva to process part of the bromine into its compounds.

These derivatives of bromine are used mainly in agriculture as pesticides and in the various chemical industries as intermediates for the production of a range of different products such as paints, pharmaceuticals, fire retardants, etc. Among the main products are methyl and ethyl bromide, sodium, ammonium and potassium bromides, hydrobromic acid, sodium bromate, a range of organic bromides and others. BCL processed in 1972 about 4,500 MT of bromine and both companies together reached a sales volume of close to $ 8,500,000.

Both companies, though retaining their separate legal entities, are merged under one management in order to meet better the future technological demands of the international market. A modest beginning to establish a multinational joint venture has been so far successful in the Common Market.
The main shareholder of the companies is the Dead Sea Works Ltd. with Koor Industries owning 25% of the Bromine Compounds Ltd.

The members of the Board are Messrs: **J. Ashkenazi; N. Gebbel; R. Haviv; Dr. E. Nitzani; A. Shachar; B. Shpitalnik; Prof. M. Sprecher; O. Tavori; Z. Waldman; Z. Zur.**
Mr. Zwi Waldman is serving as Managing Director of both companies.
Mr. Menachem Regev heads the Commercial Department.

OFFICE: Beer Sheva, P.O.B. 180, Tel. 5311, Telex 0536.
PLANTS: Sdom, Tel. 86035; Beer Sheva, Tel. 71211.

THE DEAD SEA WORKS LTD.

The Dead Sea Work Ltd. was established in 1952 to replace the former Palestine Potash Company, founded in 1934. With the nomination in 1955 of the former Chief of Staff, General Mordechai Makleff, as General Manager, the Company entered upon a vast program of expansion. In the year 1951, a formal concession to exploit the natural resources of the Dead Sea was granted by the Knesset to the Company; at the same time, a decision was taken to raise the productive capacity of the plant from 135,000 tons yearly, to 1,000,000 t/y; in the first stage, the Company has reached 950,000 ton yearly; with the start of the second stage, production is soon expected to reach an output capacity of 1,200,000 tons per year.

Within the potash plant boundary, a plant was erected for the production of Bromine and Bromine compounds, with capacity of 20,000 ton/year. This plant owned 100% by the Dead Sea Works Ltd.
The Company also operates a plant for table salt, with a productive capacity of 20,000 ton per year.
The Dead Sea Works Ltd. employ 840 workers; sales have reached in 1972/73 the sum of IL. 142,000,000, of which $ 24,600,000 are ensuing from export of potash.
The Managing Director of Dead Sea Works Ltd. is Mr. **Arie Shachar.**
Head Offices: Beer Sheba, Potash House; Tel. (057) 5311.

DEAD SEA WORKS LTD

Witco Chemical Ltd.

Witco Chemical Israel was founded in 1969 by Witco Chemical Corporation, U.S.A., and Chemicals and Phosphates, Israel.

The company acquired the Chemicals and Phosphates' facilities for the manufacture of detergents. The plant is located in the industrial area of the Haifa Bay. It has 145 employees. Witco manufactures a wide range of products which are marketed under the Kleen trade name. They include washing powders, liquid and paste detergents, synthetic soap and chemical specialities.

Kleen products are known among the best in their line. Several of them have been awarded gold medals in international quality contests, as well as the title of Most Preferred Product and Best Buy in Israel.
In addition to consumer products, the company manufactures industrial and institutional cleaners.
In 1971 a plant was completed for the production of agricultural and industrial emulsifiers, based on the wide experience and know-how of Witco Chemical Corporation, U.S.A. Development plans include several additional projects based on the parent company's know-how — first and foremost, polyurethane systems. These projects will increase the company's exports and decrease the import of similar products.

Managing Director: Yaacov Lublini

P.O.B. 975, Haifa (31000); cables: Witcochem; Telex: 044-843; Tel. 725071.

TIMNA COPPER MINES LTD.

The company was founded by the Government in March 1951, under the name Makhtsavei Israel; at the end of 1963, the company was reorganized, the Company's departments were transferred to Timna, its name officially changed to Timna Copper Mines Ltd., with the task of exploiting and operating the copper mines in Timna. Erection started in 1954; regular production began in 1959. Since then, the Company has produced and exported increasing quantities of copper cement, with a copper content of 75—80%. The annual throughput of ore has gradually reached over one million ton, while the production plant was designed to process about 500.000 tons of ore per year.

The copper content of the ore presently mined in relatively low (1.35%), so that the quantity produced reaches about 12,000 tons per annum (91.5% overall efficiency(but in the forthcoming years, the average copper content of the ore will be about 1.4 — 1.5%, and therefore even without increasing the present annual throughput, production will rise.

The Company is expanding the geological survey of the area, the present proven ore reserves amount to 12.5 m. tons for underground mining, and 2.5 m. tons for open-pit mining, while the geological reserves are much bigger.
Cable of Zion is a fully owned subsidiary of Timna Copper Mines. The Managing Director is Mr. H. Engel.

The Board of Directors of the Company consists of representatives of the Ministry of Development, senior lectures at the Hebrew University in Jerusalem and at the Technological Institute in Haifa, as well as public representatives.
The members of the Board are:

Jacob Ben-Yehuda — Chairman

Israel Ashkenazi, I. Ben-Ozer, Prof. Jaboc Bentor, I. Gal-On, Prof. Itzhak Minkof, Ahron Nachshon, Itzhak Nener, Uriel Shalon, A. Weinberg, Uri Wurzburger, Ephraim Zamberg.

As Managing Director of the Company is serving Mr. Uri Wurzburger.
Head Office : Timna, Eilat, Israel, Tel. 2121, Telex: Hebrew, 07-782; Latin, 07-781.
Tel-Aviv: P.O.B. 7050, Hakirya; Tel. 255451; Telex : Hebrew 641, Latin 806.

ICI (ISRAEL) LTD.

ICI (Israel) Ltd., representatives in Israel of Imperial Chemical Industries Ltd., London, are importers, stockists and distributors of dyestuffs, polyurethane and rubber chemicals, textile and leather auxiliaries, alkalis, acids, heavy chemicals, fertilizers, plant protection products, pigments, non-ferrous metals, shotgun and metallic ammunition, explosives and accessories, pharmaceuticals, paints, moulding powders, plastics, nylon monofilaments, "Terylene", Nylon and "Ulstron" fibres, etc., manufactured in the United Kingdom or elsewhere by ICI Ltd. or its subsidiaries.

OFFICES : America House,
33, Sderot Shaul Hamelech, Tel Aviv.
Tel. 252116.
P.O.B. 1703,
Cable Address: IMPKEMIX TELAVIV
Telex: 548 IMPKEMIX TV

STORES : 8 Hanapach St., Industrial Zone Azour, Holon; Tel. 854132/3.

PAZCHEM LTD.; AGRICULTURAL, INDUSTRIAL & HOUSEHOLD CHEMICAL SPECIALITIES

Pazchem Ltd. has been active in the country for the past 30 years, formerly as **Shell Chemicals,** and as from 1st November 1958 as an Israeli Company under the name of **Pazchem Ltd.**

During this period the Company developed to the extent that it is now leading in Israel in the field of Agricultural Pesticides, Industrial Chemicals & Household Chemical Specialties, covering Research, Manufacturing, Marketing and Exports of the above activities. **Pazchem** employs a large staff of experts including Agronomists, Toxicologists and Chemists graduates of American, European and Israeli Universities.

The Company has the following departments:

Research : From the "laboratory stage", through field tests to marketing.

Production : Sales and exports have expanded considerably and are estimated to reach in 1973 about IL. 30,000,000.—, including about $ 2,000,000 from exports. This rapid expansion was made possible by the operation of a new and modern plant in Ashkelon, which replaced the previous plant in Haifa.

Marketing and Export: The Company assures a steady and continuous supply of vital pesticides to all branches of agriculture. The industrial market too is greatly benefiting by **Pazchem's** continuous supply of organic solvents and chemicals, vital to various chemical industries such as the Plastics, Paints, Detergent industries, etc.

One of **Pazchem's** main objects is the development and expansion of exports, the volume of which has already reached a considerable figure in developing countries in Asia, Africa and Mediterranean countries. **Pazchem** is continuing its pioneering initiative in the fields of research, development and promotion of agricultural pesticides, household chemical products, industrial chemicals and service to the agricultural market.

Managing Director of **Pazchem Ltd.** is Dr. Yehiam Ben-Amotz ;the main office is situat-



"DELEK", THE ISRAEL FUEL CORPORATION LTD.

Head Office: 6 Ahuzat Bait, Tel-Aviv, P.O.B. 1831, Tel. 59421, Telex 033-671 — Branch Offices: Jerusalem, Haifa, Beer Sheba

BOARD OF DIRECTORS :

Mr. M.B. GITTER, Chairman
Mr. Y. CASPI
Mr. A. CHOVERS
Sir CHARLES CLORE
Mr. A. DGANI
Mr. G. ERHARDT
Mr. Y. HEIFETZ
Mr. S. LAHAT
Mr. E. RACINE
Mr. Y. RAVIN
Mr. D. TADMOR
Mr. D. TOLKOWSKY
Dr. J. WIESENBERG
Mr. N. USHPIZ
Mr. B. YEKUTIELY
Mr. S. ZAK

Management: E. Racine, Y. Heifetz

A.B. Shavit, Chief Chemical Engineer; Y. Lapter, Company Secretary

IMPORTERS AND REFINERS OF CRUDE OIL, MARKETING AND DISTRIBUTING OF OIL PRODUCTS, OIL PROSPECTING, SUPPLIERS OF SHIPS' BUNKERS AND AVIATION FUEL

Subsidiary & Affiliated Companies :

"Delek" Agencies and Services Ltd. / "Delek" (Overseas) Inc. / Bitum Petrochemical Industries Ltd. / Israel Fuel Lines Ltd. / Petroleum Sciences and Publications Ltd. / Petroleum Trade Organisation Ltd. / The "Delek" Foundation for Science, Education and Culture Ltd. / Amisragas, American-Israeli Gas Corporation Ltd. / Fuel Oil Trading Co. Ltd. / Gliloth Terminal Ltd. / Haifa Basic Oils Ltd. / Isratom, The Israel Nuclear Engineering Company Ltd. / Lod Metal Works Ltd. / Magal — Israel Gas Enterprises Ltd. / Naphtha Israel Petroleum Corporation Ltd. / Pressure Lubricants (Israel) Ltd. / Tanker Services Ltd. / United Petroleum Export Ltd.

SONOL

DROR GAL-EZER
General Manager

ALFREDO ROSENZWEIG
Chairman of the Board

JACK FREEMAN
Deputy General Manager

SONOL ISRAEL LIMITED PETROLEUM PRODUCTS

Head Offices: Haifa — 8 Banks St., P.O.B. 214.
Phone: 526241/9
Cables: SONAPET
International Telex: 044-864

Branches: Tel Aviv — 2 Levontin St.
Phone: 623461/3
Haifa — 24 Jaffa Rd.
Phone: 640958
Jerusalem — Beth Lehem Rd.
Phone: 37751, 67751

BOARD OF DIRECTORS
(Members residing in Israel)
Mr. **Alfredo Rosenzweig,** Haifa — Chairman of the Board; Mr. **Ephraim Ben-Arzi,** Tel Aviv; Mr. **Dror Gal-Ezer,** Haifa; Mr. **Jack Freeman,** Haifa; Mr. **Arie Manor,** Tel Aviv; Mr. **Ram Nirgad,** Tel Aviv; Mr. **Menachem Spivak,** Haifa.
(Members residing in the U.S.A.)
Mr. **Ed M. Alan** — Comptroller — Sonneborn Associates Petroleum Corp.; Mr. **Arthur B. Belfer** — Chairman of the Board, Belco, Petroleum Corporation, New York; **Mr. Robert A. Belfer** — President, Belco Petroleum Corporation, New York, Sonneborn Associates Petroleum Corp., New York; Mr. **Jack Saltz** — Vice President, Belco Petroleum Corporation, New York; Mr. **Gustave Schindler** — Executive Vice President and Director, Sonneborn Associates Petroleum Corp., New York; Dr. **Henry Sonneborn III** — Secretary and Director, Sonneborn Associates Petroleum Corp., New York; Mr. **Arthur M. Walter** — Treasurer. Belco Petroleum Corporation.

MANAGEMENT
Mr. **Alfredo Rosenzweig** — Chairman of the Board; Mr. **Dror Gal-Ezer** — General Manager; Mr. **Jack Freeman** — Deputy General Manager; Mr. **Menachem Spivak** — Administration Manager; Mr. **Victor Alazraki** — Crude and Refining Manager; Mr. **Z. Weinberg** — Operations Manager; Mr. **Joachim Koenig** — Finance and Economics Manager; Mr. **Emanuele Menachem Reisler** — Supply and Production Manager; **Mr. Zvi Lorenz Tager** — Sales Manager.

BRANCHES
A. Olinky — Central & Southern District Manager; **D. Freier** — Northern District Manager; **J. Abramoff** — Branch Manager, Jerusalem.

TECHNICAL SERVICES
Dr. **E. Reches** — Technical Services Manager; Mr. **A. Aghion** — Quality Control and Research Manager.

SONOL ISRAEL LIMITED imports, refines and markets petroleum products; it is also engaged in oil drilling both on shore and at sea. The history of the Company begins in 1920 when it started marketing as a branch of the American "Vacuum Oil Corporation" which later became "Mobil Oil". In 1957 the shares of this company were transferred to Sonneborn Associates Petroleum Corporation, New York. From 1970 the Company has widened its scope of activities and started drilling to uncover sources of oil in Israel, through the services of Belpetco, both on land and along the coasts.

ACTIVITIES
SONOL ISRAEL LIMITED is one of the three major oil companies in the country. It imports large quantities of crude oil, which constitute about a quarter of the country's consumption. After refining the crude oil in the Refineries, it markets the products through a chain of over 90 modern service stations, and through 400 other sales outlets throughout the country. It also has a major share in fuel supplies to ships docking at Israeli harbours. Sonol operates Depots for fuel in Haifa, Tel Aviv, Jerusalem and Beersheba.
The Company markets hundreds of types of petroleum products: fuel, lubricating oils, greases and auxiliary products for transport on land, sea and air, for all branches of agriculture, for all fields of industry, such as textile, paper, electricity, furniture, building, paints, medicines, cosmetics, etc.

AFFILIATED AND SUBSIDIARY COMPANIES
Allied Oils and Chemicals Ltd. — Manufacture of Luboils and Greases;
Aviation Services Limited — Aviation and Fuelling Services;
Fuel Oil Trading Company Ltd. — Fuel Oil Purchasing & Marketing;
United Petroleum Export Co. Ltd. — Marine Bunkering & Export of Petroleum Products;
Tanker Services Limited — Tankers Management;
Supergas, Israel Gas Distribution Co. Ltd. — Marketing of L.P. Gas and Appliances;
Pi Glilоth Terminal Co. — Storage and Distribution of Petroleum Products;
Ashdod Terminal;
Beersheba Terminal;
Jerusalem Terminal — Storage and Distribution of Petroleum Products;
Magal Gas Pipelines Co. — Marketing & Transmission of Natural Gas;

"Shevah" Haifa Basic Oils Ltd. — Production of Basic Luboils;
Shaal Waxes and By-Products Ltd. — Marketing of Waxes;
Chem-Ami Ltd. — Manufacture & Marketing of Agricultural Chemicals;
Texma Chemicals Ltd. — Import and Distribution of Sophisticated Lubricants.

TECHNICAL SERVICE
The Technical Service consists of a team of highly qualified engineers. These give technical consultations and assist all branches of industry and transport, on land, sea and air. These engineers also advise public concerns in solving various problems, and thus save operating and production expenses.
The following is a partial list of technical publications for customer service, issued by the Technical Service:
1. Technology of Petroleum Products
2. Care and Storage of Petroleum Products
3. Technical Bulletins for the Workshop
4. Lubrication of Electrical Engines
5. Humidity Absorption through Sonogel
6. Fire-resisting Hydraulic Fluid
7. Technical essays issued by the Company's engineers
8. Maps and Tables including recommendation data, technical sheets appearing bi-monthly

SONOL is also one of the founders of the Israel Petroleum Institute (ISIP). The Sonol Technical Services, in conjunction with the ISIP, deals with research and development of the Petroleum Industry.
The main subjects dealt with are:
1. Influence of gasoil qualities on the performance of lubricating oils under heavy operating conditions (Israeli Standard T.I. 495).
2. Gasoil cleanliness at Pumping Outlets
3. Determination of metal concentration (Calcium, etc.)
4. Determination of Bitumen properties for Asphalt road coating
5. Octane requirements by determination of gasoline engines popular in the country
6. Active participation in the Tribology Committee.

Other research was carried out, connected with the following:
1. Stability of gasoline in storage
2. Periodical change of oils in specific technical equipment
3. Gasoil flowing properties under low temperatures, and its filtering characteristics.

TAMBOUR — ZEVAH ENTERPRISES LTD.

Israel's Largest Paint Manufacturer
Tambour has been manufacturing paints in Israel for thirty-seven years. Now it is the largest manufacturer in the country. The company's turnover (including a subsidiary) reached IL.60 million during 1972/73.
The company was founded in 1936 under the name "Haifa Varnish Works". Output was very small and only four workers were employed to start with, compared with the company's 480 employees at present.
The establishment of this venture constituted an important step forward for the national economy.
Tambour expanded rapidly after the outbreak of World War II. Production was increased and the company contributed to the war effort by supplying paint to the Allied Forces.
In 1952 a nine dunam plot was acquired in the Acco Industrial Zone, where the new plant was built. New machinery and equipment were acquired. Chemists and scientists were invited, in order to assist in the establishment of a modern and well-equipped laboratory. Since then the firm's expansion has been most rapid. Another stage in the company's growth was reached in 1953, when production was begun for export. These exports have been developing well and reached $ 1,000,000 during 1972/73.
The year 1962 was an important point in the history of Tambour. Plascon Limited, the largest producers of paint in South Africa, bought a majority shareholding in the company. The remaining shares are in the hand of PEC Israel Economic Corporation, with small parcels in the hands of individual Israel shareholders. The new partners injected a great deal of capital and know-how, making possible rapid progress, modernization and the introduction of new production methods. Tambour products became an important factor in the manufacture of paints in Israel and in many foreign markets. Local marketing methods were improved steadily, through the establishment of regional warehouses. Special stress was placed on providing technical and professional assistance to anyone requiring this service provided by highly qualified members of Tambour's staff.

About the Company
The company operates separate departments for construction, decorative, industrial and ship paints. The company also operates its own modern synthetic resin plant.
The factory possesses well-equipped laboratories. In addition to strict quality control and current supervision over production, these laboratories also apply the latest scientific developments to the creation of new products. Eighteen chemists and engineers are employed in these laboratories, together with thirty technicians. The laboratories are equipped with the

most modern equipment and testing instruments available, adapted to the needs of the Israel and foreign markets.
Special efforts have been expended on the improvement of material handling within the plant, to assure the best possible materials flow from raw material to the finished product, canned, labelled and packed for shipment.
In recognition of the special importance and export possibilities of marine paints, Tambour established Tamarin, a subsidiary company occupied exclusively in the production and marketing of marine paints. In this field Tambour is unequalled in Israel. The trade name Tamarin is well-known in shipping circles the world over. Tamarin has attained an international reputation, thanks to its constant efforts to improve its marketing organization, including continuous service and supervision in shipyards abroad.
Tambour does not depend only on the know-how developed in its own laboratories. The company's scientists travel abroad to study and acquaint themselves with new developments. In consequence of this activity, patents have been acquired from internationally known producers, and production under these patents has been eminently successful.
At the same time Tambour also managed to sell know-how to paint manufacturers abroad, the only Israel paint producer to do so. This constitutes a not insignificant source of foreign currency earnings for Israel.
Tambour products have also won recognition at international exhibitions and competitions. Their high quality earned medals for several of the company's better known products, such as Emulsin, Superlac and Supercryl.

Tambour's Marketing Organization
For the construction industry Tambour paints are marketed through a network of 600 stores in all parts of Israel. These supply paints to the professional painters, who for many years have remained loyal to Tambour paints. The number of "do-it-yourself" people has shown constant increase in recent years; for their benefit the company has set up a special advisory department.
Some of the most well known buildings in Israel have been painted with Tambour paints; these include the Habima National Theatre, the Tel Aviv Hilton and Sheraton Hotels, the Diamond Exchange, the Israel Museum, the Dimona Atomic Reactor, Naveh Avivim and many luxury housing developments.
In addition to these marketing operations, Tambour products are supplied to various enterprises and institutions according to specific requests complying with Israel and foreign specifications. These include the different departments of the Ministry of Defence, other governmental departments such as Nuclear Research Stations and large Israel industrial plants, such as Israel Aircraft Industries, the Dead Sea Works, the country's ports, fuel companies and so forth.
Some of the products familiar to the Israel public, painted by Tambour paints, include Amcor and Friedmann refrigerators, Ford Escort, Dodge, Triumph and Leyland automobiles, Amcor and Friedmann washing machines.
Tamarin paints are used to paint super-tankers of 220,000 tons and more in many well-konwn shipyards the world over.
The Plant:
Akko, Industrial Zone, P.O.B. 668.
Haifa, Tel. 04-910133; Telex: 04693; Cables: PAINTAMB HAIFA.
Offices:
Herzliyah, Industrial Zone, Maskit St., P.O.B. 507, Tel-Aviv; Tel. 937881/6.
Jerusalem, Industrial Zone Talpiot; Tel. 02-31298.
Beer-Sheva, Industrial Zone, P.O.B. 486, Tel. 057-5856.

ASKAR LTD.
PAINT WORKS ASPHALT and CHEMICAL PRODUCTS



ASKAR Ltd., founded in 1938 primarily as an asphalt and paint factory, is today still the country's largest asphalt manufacturer, accounting for 80% of the total output. The company has also become one of the leading paint manufacturers in Israel, with more than a third of the total output of paint to its credit. Last year the output of paints amounted to 9,000 tons and of asphalt products to 22.000 tons, the total turnover in 1972 amounting to about IL. 40,000,000.
Constant efforts are made to develop the export trade. The factory has two well-equipped laboratories for both paints and asphalts, amply staffed by Chemists and Technicians, ensuring constant supervision and quality control, in addition to the developments of new products. The total number of employees is about 320 includng Chemists, Technicians and laboratory staff. The Company has endeavoured to continually increase its range of products and to introduce improvements and innovations, thus keeping abreast of the latest technical advance. To this end ASKAR has signed a number of know-how and licensing agreements with well-known European and United States manufacturers.
These agreements provide a constant flow of top-quality products, the production of which is taken up in Israel as soon as their

success has been proven abroad.
A speciality of ASKAR is "Paintgum" a "Pliolite" based paint manufactured according to know-how of Goodyear Co., U.S.A., giving outstanding and lasting protection to buildings. Especially advantageous has been the cooperation with the well-known Dutch firm Messrs. MOLYN & Co. This firm — which has been making paints for well over 100 years — specializes in high class protective coatings, especially for building, industry, ships, harbour installations etc. Thus ASKAR can supply excellent paints and protective coatings, meeting the most exacting demands and difficult climatic conditions.
Another speciality of ASKAR is its anti-mould paint "Fungi-chek", which is of special importance in regions having warm and humid climate. This paint eliminated the problem of mould in places such as breweries, kitchens, food stores and factories and the like.
Askar's diversified range of production includes many products, meeting practically every demand, such as Askar's PVA and Acrylic Emulsion Paints, epoxy and coal tar compositions which are highly resistant to corrosion however active, and "Tarkot" a coating based on coal tar for insulation in buildings, shelters and underground passages.
In addition to paints and asphalts, Askar also manufactures various insulating materials, and "Askryl", an acrylic-based stoving enamel for refrigerators, washing machines, cookers, electrical appliances, metal, furniture etc. The advantage of this enamel is that no primer is required.
Askar participated in several international quality contests and all ASKAR products submitted were awarded gold medals.
Apart from its direct export activities, Askar has also invested in the erection of a paint factory in Nigeria, known as Askar of Nigeria Ltd.
ASKAR now is a member of Koor Industries Ltd., the largest Israeli industrial concern. Within the framework of Koor Industries Ltd., Askar belongs to the Chemical Section, which incorporates the enterprises, manufacturing chemical products.
Managing Director, Mr. Aharon Kishoni; Haifa 310000, P.O.B. 16. Tel. (plant) 04-910461; Cables: ASKALIN HAIFA; Telex: 4885 ASKAR IL.

REVLON (ISRAEL) LIMITED

Founded 1963 in Ashdod by Revlon International Corp. N.Y., the company is the leading manufacturer of fine cosmetics in Israel. Revlon (Israel) Ltd. produces a full range of cosmetic articles, up to about 600 different products and shades, which are distributed through 200 exclusive stores in Israel. Revlon (Israel) also exports its products to Europe, Asia and Africa.
Revlon (Israel) Ltd. is a solely owned subsidiary of Revlon International Corp., New-York, and one of twenty-one manufacturing branches of the Mother-Company throughout the world.
The products made and distributed by Revlon (Israel) Ltd., are absolutely identical to those made by any of the other Revlon manufacturing branches, elsewhere.
The supervision of the quality, packaging and presentation of the products is carried out by the Central Laboratories in New-York for all the manufacturing branches. In Israel, quality is also controlled by the Ministry of Health, which issues Products Licenses for each product in the line. The Turnover of Revlon (Israel) Ltd. in 1973 was over $ 2 million.
Revlon (Israel) Ltd. is an approved enterprise. The plant buildings as well as the administration premises are located in the Industrial Zone of the Port city of Ashdod, P.O.B. 131, Tel. 055-21411-3

The plant has been considerable extended in 1973, and includes now new and modern manufacturing machines and storage facilities.
The company has in Tel-Aviv a Training School, engaged in extensive educational and training programmes, most of which are offered free of charge. The T.A. Office & the Training School are located at 65, Hovevei-Zion St., Tel-Aviv, P.O.B. 16287, Tel. 282141/3.

The main positions are held by Messrs: G. Leven, Plant-Manager and Mr. Y. Shnitzer, Marketing Manager; Dr. Y. Hornik, Sales Manager; Mr. E. Razi, Controller.
General-Manager since 1962 is Mr. Itzhak Moday, M.K.

HELENE CURTIS ENTERPRISES ISRAEL (1967) LTD.

Helene Curtis is the first company which has penetrated in Israel in the field of cosmetics, and toiletries. Helene Curtis's range of products includes over 170 items.
Helene Curtis is famous for her big range of Shampoos.
Helene Curtis produces Face & Eye make up, Lipsticks and Nail Polish. The company also produces all sorts of products for Hair Care as Colours, Conditioners, Cold wave, Bleach powder, etc.
The company has many Treatment Creams for women as: Day Cream, Night Cream, Moisturizer Cream, Hands Cream and also cream for Hair remover.
Helene Curtis has a special line for men named "Kings Men". This line consists of Shaving Cream, Shaving Foam, After Shave, Deodorants and Colognes.
Address: HELENE CURTIS ENTERPRISES ISRAEL (1967) LTD.
154 Petah Tikva Road, Tel-Aviv. Tel. 254433.

MARY QUANT COSMETICS Chelsea London

Mary Quant Cosmetics is known throughout the world as a leading company in the field of cosmetics.
Mary Quant products include the range of Eye & Face make up, Lipsticks, Nail Polish and various skin care products.
At the present Mary Quant is coming with a new line called "Special Recipe". This line includes skin care products, Face & Eye make up. These high quality products are manufactured only from ingredients taken from nature itself.
Mary Quant products have been distributed in Israel since 1972.
Address: MARY QUANT COSMETICS Chelsea London
6 Rachel St., Tel-Aviv. Tel. 243137.

MINERS MAKE UP LTD.

Miners is the exclusive company in the world experienced in producing products for teenagers.
Miners's stress is on quality, cheerfull color and pretty packages.
The prices of the products are reasonable in spite of their high quality in order to enable the teenagers to buy and use them and to be most up to date with the last word of fashion.
Miners educated the teenagers for beauty and tender care also they are guided in their beginning steps in the world cosmetics.

Address: MINERS MAKE UP LTD.
154 Petach Tikva Road, Tel-Aviv. Tel. 255763.

NECA CHEMICALS (1952) LIMITED

Founded in 1938 upon the initiative of Dr. R. Chazan, a chemical engineer, for the production of chemical auxiliaries for the textile industry.

After a few years the factory entered the field of household detergents and was very successful with its "Textile Shampoo" for fine fabrics of which it could be said that it was one of the first in the world.

Following Textile Shampoo came a range of hair shampoos, and in 1954, Neca became famous with another first: a household detergent IN CAKE FORM named SYNTABON, followed by NIKI in stick form.

At the same time Dr. Chazan started sulfatation of Fatty Alcohols and the factory has now a wide range of sulfated and partially sulfated products as raw materials for the preparation of shampoos and as foaming agents for tooth pastes. These raw materials are also exported to many countries.

In 1964 it came out with a sensational soapless toilet cake named "NECA 7". An immediate success, it is now used by hundred of thousands of enthusiastic fans in Israel and abroad.

Head Office : 154, Hayarkon St., Tel-Aviv. Tel.: 229189.
Plant : Petach Tiqva, Segula St.

SOLEL BONEH LTD.

Head Office: 111 Allenby Road, Tel Aviv, P.O.B. 1678, Phone (03) 62 53 11.

Solel Boneh is the General Federation of Labour's (Histadruth's) main executive arm in the construction and related industries. It is also one of the largest and most influential enterprises in Israel, employing more than 25,000 people. Established in 1923, as a small workers owned contracting venture, the company gained remarkable experience, especially as a result of large scale defence works for the British Army in World War II. After Israel's War of Independence, in 1948, Solel Boneh devoted itself to the most necessary objective of those years: construction for the absorption of mass immigration.

The rapid growth of the company induced the management to restructure the organization several times. In 1958, its industrial activities were taken over by Koor Industries Ltd., and its overseas operations were entrusted to a daughter company, Solel Boneh's Overseas and Harbour Works Co. Ltd. In 1971, the company took a further step towards decentralization, by creating seven divisions, each specializing in a particular area:

1. Building Division — undertakes construction of residential dwellings including prefabricated housing, industrial complexes, public buildings, hospitals, hotels, defence works etc. It operates through 17 branch offices located from the Golan Heights to Eilat. Turnover totals about IL. 750 million in 1972.

2. Road and Earth moving Division — undertakes all phases of road construction and public works projects, including clearing areas for agriculture and building, laying road foundations, paving roads, laying pipelines and building airfields. The division operates the largest fleet of mechanical equipment in Israel. It supplies its own requirements of concrete and asphalt. About 25% to 30% of Israel's road construction is performed by this division.

3. Manufacturing Division — includes industrial plants producing metal products, furniture, building components such as building blocks, floor tiles and pipes, repair shops, and sundry services required by the other divisions of Solel Boneh, as well as by outside clients.

4. Herouth Ltd. — acts as contractor in all branches of mechanical and electrical engineering, sanitary installations, plumbing, air conditioning, central heating and elevators. The company owns auxiliary enterprises producing and marketing water boilers, electrical heating units, water purification units, centrifugal concrete pipes and other industrial products.

5. Quarries — Lime and Stone Production Co. Ltd., is the largest producer and supplier of aggregates (70%) and lime (90%) in Israel. It operates 12 stone quarries, 5 marble quarries, 5 lime kilns, 2 marble and building stone plants, 1 gypsum quarry and plant and 8 ready-mix concrete plants. Its products are aggregates for building and road construction, concrete asphalt, lime both burnt and hydrated, marble blocks and slabs, monuments, building stones, raw gypsum for the cement industry, plaster-of-Paris and ready mix concrete.

6. Solel Boneh International Ltd. — specialists in large-scale projects in developing countries, mostly in Africa, Asia and South America. It operates through joint companies with the local governments or through its own independent branches. Solel Boneh personnel from Israel provide the core of the administrative and professional staff for its world-wide activities. The Company builds hotels, office building, public institutions and factories, and also undertakes road, bridge and harbor construction. It competes successfully with large international concerns and its turnover for 1972 exceeded $50 million.

7. Diyur B. P. Ltd. — This company plans and promotes the construction of apartments, offices and shops for sale to the general public. It builds medium cost housing units in various parts of Israel.

Addresses:

Solel Boneh Ltd., and Solel Boneh's Building and Public Works Co., Ltd.,

Head office: 111 Allenby Road, Tel Aviv, Phone (03) 62 53 11

Building Division: 111 Allenby Road, Tel Aviv, P.O.B. 1267

Road and Earth Moving Division: 12 Mohilever Street, Tel Aviv, — Phone (03) 5 82 21/9

Manufacturing Division: 126 Allenby Road, Tel Aviv, Phone (03) 61 46 81/9
Herouth Ltd., 7 Yafo-Tel Aviv Road, Tel Aviv, Phone (03) 5 09 21

Lime and Stone Production Co., Ltd., Solel Boneh Square, Haifa, Phone (04) 66 91 51

Solel Boneh International Ltd., Solel Boneh Square, Haifa, Phone (04) 66 91 51

Diyur B.P. Ltd., 39 Montefiore Street, Tel Aviv, Phone (03) 62 43 61/3

Office in U.K.: Soltrade Ltd., Ilford House, 133-135 Oxford Street., London W.1. Phone (01) 437 7544

Office in USA: Reynolds Construction Co. Ltd., 635 Madison Ave., New York 1022, Phone (212) 421 6570

AMIDAR, ISRAEL NATIONAL HOUSING CORPORATION FOR IMMIGRANTS

Amidar was established in 1949, as a central instrument of the Government and the Jewish Agency for the construction and administration of housing quarters for new immigrants.
Administration and maintenance of property totalling 186,000 housing units, have become the foremost functions of Amidar. 53 district and local offices of the Corporation exist in 225 settlements throughout the country. Other main tasks of Amidar include the development of existing housing quarters and the improvement of living conditions in immigrants' settlements.
Cultural and social activities among immigrants are encouraged with the guidance of qualified community workers.

Today Amidar is a combination of varied activities, all of them devoted to the speedy integration of newcomers in the State of Israel.

The General Manager of the Amidar Corp. is **Mr. Zvi Alderoty,** Chairman of Local Council of Migdal Ha'Emek; its Head Offices are located at 35, King Shaul Blvd., Tel-Aviv; Tel. 251222.

DIROT-AM ("RASSCO" FOUNDATION) LIMITED

Dirot-Am, a foundation of Rassco Ltd., has been established in 1946/47, as a joint enterprise of Rassco Ltd. and the Jewish Agency of Israel, with the aim of managing the apartments built by Rassco Ltd., within the framework of Immigrants Housing Project, and lent to newcomers all over the country. With the establishment of the State of Israel, and the ensuing mass immigration of Jews from all over the world, Dirot-Am has expanded its scope, adding to the business of managing and caretaking of flats, the extending of mortgage loans to new olim, from funds put up by the Government of Israel and by Dirot-Am. The Company also operates as caretaker of real estate objects acquired by Israeli and foreign investors.
Lately, a new department has been opened with the aim of expanding the business of Dirot-Am also in the private section of the Israeli economy. This has brought about an important new development in the enterprises' activity, especially in the realm of real estate management, maintenance, collection of rent, etc.
In 1966, ISRAS — Israel-Rassco Investment Co. Ltd. bought Dirot-Am by transferring the share-capital into its ownership. Since then Dirot-Am has been a subsidiary of ISRAS.
The Company is presently engaged in the following activities:
1. Management and maintenance of flats, shopping and workshop centers, etc., totalling about 1100 units;
2. Management and maintenance of housing units and workshop centers owned by the Rassco Concern and totalling about 1300 units;
3. Management and maintenance of residential apartments, commercial centers and workshop centers owned by foreign investors and other proprietors, totalling about 3000 units;
4. Granting of mortgage loans from funds established by Dirot-Am in partnership with various governmental and public institutions, totalling IL. 18 million;
5. Execution of general maintenance work, as well as of repair work, on behalf of various public institutions as well as of private bodies.

Paid-up capital and reserve funds, as per 31.3.1972, amounted to IL. 3,663,000; the Balance Sheet per 31.3.1972 shows a total of IL. 33,050,000.

Members of the Board of Directors are: Messrs. Igal Weinstein, Uri Raphaeli, David Brin, Menachem Fuerth and Jacob Levin.

General Manager of the Company: Mr. Jacob Levin.

Head Office: 44, Petach-Tikva Road, Tel-Aviv, Tel. 38766;

Branches: Jerusalem, 8, Shamai St., Tel. 224523; Kiryat Motzkin, 2, Ha'shoftim St., Tel. 710191.

DIYUR LAOLEH LTD.

Diyur Laoleh Ltd. was founded by the Jewish Agency for Israel, as a subsidiary company in charge of building immigrants' transition camps, provisional housing, etc. The Company acts within the framework of the Absorption Department of the Jewish Agency, and during many years it was headed by Mr. I. M. Gileadi, The Director General of The Jewish Agency's financial department.

During the years, Diyur Laoleh Ltd. has expanded in several directions entering various building branches. The Company has to its credit the erection of many villages and the building of various structures in many agricultural settlements.

The Company has, further, added many thousands of rooms to the existing housing quarters of new-comers and old-timers, public buildings, school construction, absorption centres for new-comers, and also several residential quarters of a higher standard. After the Six Days War the Company has been assigned the task of erecting most of the new **Heachzuyot** (strongholds), along the border areas; another special responsibility taken over by the Company is the building of shelters and other security structures.

Lately, Diyur Laoleh Ltd. has entered some new fields of activity: 1) A unit, operating within the agricultural settlements, has been set-up for the purpose of internal coating of water pipes, and 2) A unit in charge of construction of special vacation bungalows in various places throughout the country; 3) A new branch for pre-fabricated building; "Tromical" single-storied constructions; in preparation — two storied prefabricated constructions; 4) Is in charge of maintenance operations on behalf of "Amigur", as well as of enlargement of the existing housing facilities within "Amigur". The annual turnover is expected to reach at the end of 1973, the amount of IL. 100 million; 5) Is also in charge of the implementation of the additional housing facilities in the agriculture settlement.

Diyur Laoleh is headed by a Board of Directors consisting of: Mr. Abraham Ziegel — Chairman; Mr. B. Basin; Mr. H. Erenberg; Mr. H. Lichtman; Mr. S. Ralbag; Mr J. Reches; Mr. P. Shachnai; Dr. H. Sharon.

Mananging Director of the Company is Mr. Haim Lichtman.

The Main Office of Diyur Laoleh Ltd.: Tel-Aviv, 91 Ha'hashmonaim St., P.O.B. 983, Tel. 264-251/4.

Regional Offices: The Middle District — Tel-Aviv, 40 Lilienblum St., Tel. 56731; The Northern District — Haifa, 3 Habankim St., Tel. 524003/4; The Jerusalem District — 7 Abarbanel St., Tel. 223056; The Galilee District — 8/1 Shikun Darom Beit, Zefat, Tel. 30200; The Southern District — Beer Sheva, Shloshet Bnei Ein Harod St., Tel. 2786.

The plants of the Corporation are concentrated in Pardessiah (near Natanyah), Tel.: 053-98391.

THE ISRAEL LAND DEVELOPMENT COMPANY LIMITED

The Israel Land Development Compnay Ltd. was founded in 1909 by the Zionist Organization and amongst its founders and directors were: Professor Otto Warburg, Dr. M.J. Bodenheimer, Dr. Chaim Weizmann, Dr. Arthur Ruppin, Yehoshua Hankin, Dr. Jacob Thon and others.

Prior to the establishment of the State, the Company's activities were concentrated on the acquisition and development of both urban and rural lands. With the establishment of the State the Company began to emphasise urban development and urban redevelopment.

The Company owns residential, commer-

cial and industrial premises in various parts of the country which are available for both sale and lease. The Company also has land available for development in the principal cities and their environs.
The Company is interested to initiate joint ventures with other companies and individual investors both local and foreign on economically feasible conditions.

In recent years the Company has embarked on a diversification programme and has acquired a substantial interest in the hotel industry in Israel. Today the Company controls the following hotels: The Sharon, Eshel Hasharon and the Sharon Towers Apartment Hotel in Herzlia-on-Sea; The Galei Kinnereth in Tiberias; The Rimon Inn in Safed and The Neptune in Eilat — and is planning additions to the existing chain in other parts of the country — with the emphasis on Jerusalem.
The wholly-owned subsidiary — I.R.H. Israel Resort Hotels (Management) Ltd. has recently been established as a hotel management company.

The Founders' Shares of the Company are controlled by the National Institutions. These shares carry preferential voting rights but have no preference over the Ordinary Shares as to distribution of profits. The Ordinary Shares are very widely held by the public at large, both in Israel and abroad and are listed and traded on the Tel-Aviv Stock Exchange.
The paid-up capital and reserves exceed IL 30,000,000 and the total assets in the Consolidated Balance Sheet are close to IL 100,000,000. The Company has paid dividends regularly over many years.

The members of the Board of Directors are: Mr. A. Ashbel, Chairman; Mr. A. Dulzin (Treasurer of The Jewish Agency for Israel), Governor; Mr. S.P. Doron, Managing Director; Mr. V. Bach; Mr. A. Dovrat; Mr. Y.M. Gileadi; Mr. U. Narkis; Mr. E. Shapira; Dr. H.H. Sharon; Mr. J. Tsur; Mr. S. Ussishkin; Mr. M. Ussoskin.
The Company's Head Office is in the I.L.D.C. House, 14 Hillel Street, Jerusalem, and it maintains branch offices in both Tel-Aviv and Haifa.

MABAT – PRECAST HOUSES CONSTRUCTION CO. LTD.

Mabat — Precast construction Co. Ltd. has started operations in 1960 as building contractors, specializing in building residential houses, one-storey family houses, industrial structures, public buildings as kindergartens, gymnastics studios, youth clubs, etc.
The Company owns two plants for the production of precast concrete components, one in Holon and one in Shderoth; both enterprises are engaged in the production of all the elements of building construction, e.g. walls, slabs, partitions, staircases, etc. The manufacturing of all the building elements is combined with the finishing works of carpentry, sanitary installation pipes, electric wires, etc.
Mabat Ltd. works, includes the finishing works, in all parts of the country, from the Golan Heights in the north to Eilat in the south.
In the last year, the company has projected and build elementary schools, creches and kindergartens as well great industrial buildings.
Lately, the company has been entrusted with the implementation of building new collective border settlements (Heachzuyoth Nahal) as Nahal Argaman, Nahal Ketura, Kefar Darom, etc.
Mabat also produce and erect precast concrete elements for the conventional building market — as private contractors. These include elements like thin prestressed slabs, clading facades, thus economizing in labour cost of the building site.
Mabat Ltd. has its own design teams, which enables them to offer the client alternative plans for his projects, using precast elements for the planned constructions.
The Acting Managing Director, Ing. Raphael Shachaf; The Chairman of the Board of Directors is Mr. A. Ziegel; The Members of the Board of Directors are: Dr. Ch. H. Sharon; Mr. A. Avneri; Mr.

I. Gavze; Adv. A. Sharvit; Ing. I. Weinstein; Mr. S. Zur.
Address:
Shderoth, P.O.B. 12, Tel. 051-94221/2.
Holon, 29 Habanai St., Tel. 841166/7.

ELRAM – HOUSING CORP.

Elram Corporation was founded in 1973 by The Israel Corporation and Ashtrom. The main activity and aim of the Company are the planning and construction of buildings in the heart of the country and development towns for the following purposes:

1) Dwellings for all Government projects — newly wed young couples, new immigrants, Housing Saving Schemes.
2) Private Enterprise: acquisition of land, dwellings of high standard for the open market.
3) Commercial & Shopping Centres to serve as social centres in quarters and small towns in order to contribute to a better standard of living. These Centres comprise stores and workshops.
4) Industrial Parks.

Members of the Board of Directors:
Israel Corporation:
Mr. Michael Tzour, Mr. Yehuda Arbel, Mr. Eytan Avnion, Mr. Falk Maoz.
Ashtrom:
Mr. Haim Giron, Mr. Aharon Gutwirt, Mr. Lipa Meshorer, Mr. Yehezkel Nussbaum, Mr. Haim Rubin.
The Managing Director is Mr. Matetiahu Sagiv.
Head Office:
133, Rothschild Blvd., Tel-Aviv,
Tel. 241205-6.

AMI - GOUR

REAL ESTATE MANAGEMENT LTD.
(A Jewish Agency Subsidiary)

Ami-Gour was established at the end of 1971, as a trustee of the United Israel Appeal in order to administer Housing estates purchased with funds raised by the United Jewish Appeal.

The company operates in the following locations: Jerusalem, Ofakim, Netivot, Sderot, Ashkelon, Ashdod, Kiriyat-Motzkin, Kiriyat-Bialik, Kiriyat-Yam, Kiriyat-Ata, Nahariah, Migdal Ha'Emek/Ramat-Yishay and Carmiel.
The aims and objectives of the company are:

1. Receiving the property purchased with funds of the UJA/UIA for housing purposes.
2. Administration of the property, preventive and regular maintenance, upkeep and renovation of the property.
3. Enlargement of apartments for eligible families living in overcrowded conditions and in sub-standard houses.
4. Collection of rent.
5. The sale of property.
6. Construction of clubs, playgrounds, public parks etc. in Ami-Gour neighbourhoods.
7. Expansion of community work and education of tenants towards good citizenship.

The company started operationss on July 1st, 1972.

Members of the Board of Directors are:
A. Cygiel (chairman), B. Bassin, Z. Chinitz, H. Lichtman, U. Narkiss, D. Efroni, S. Ralbag, A. Levi, I. Galitz, A. Weinstein, E. Shavit, H. Ehrenberg, M. Landau (Managing Director).

Head Office: 21 Ben-Yehuda St., Tel-Aviv.
Tel. 03-53926-7-8-9.

AZORIM **אזורים**

חברה להשקעות בפתוח ובבנין בערבון מוגבל

INVESTMENT DEVELOPMENT AND CONSTRUCTION CO. LTD.

62, Yehuda Halevi St. TEL-AVIV, Tel. 624291

PAN-LON ENGINEERING and BUILDING CO. LTD.

The history of the new Pan-Lon begins in 1972 with its take-over by the London-based Stern Holdings Group. The importance of this development is reflected in the increase of the Company's share capital, which was formerly IL. 20,000. To-day the permanent investment in the Company is well over IL. 20,000,000 and the amount of capital injected many times that.

Th solid financial backing given to the Company by the Stern Holdings Group has enabled it to offer purchasers of apartments a unique policy issued by one of the leading insurance companies, guaranteeing the money they pay down. Looking at the Company now, one finds it hard to remember that it started in 1964 as a local contractor with two apartment buildings in Bat Yam.

The controlling shareholder of the Company is Wilstar Securities Limited, which has widespread interests in the United Kingdom and Ireland, on the Continent of Europe and in the United States of America, as well as in Israel, ranging from property investment and development, through banking and insurance to printing and publishing.

Colonel (Reserves) Uri Bar-Ratson, who was appointed managing director of Pan-Lon in October 1972, has imparted to it a new drive and energy.
Many new appointments have been made within the Company, including Joseph Ettinger as Financial Controller, Avraham Zuckermann as Chief Engineer, and Shlomo Ron as Managing Director of the Hotels Division.

The headquarters of Pan-Lon and its subsidiary companies are located on the 21st floor of Tel Aviv's Shalom Tower. Pan-Lon also has local offices in the main areas in which it operates and the local sales offices, in particular, enable purchasers of apartments to benefit from personal contact with "the man of the spot" who appreciates their problems and can assist them to find the appropriate solutions.

The operations of the Company include construction of residential, commercial and industrial premises. It builds on its own account, and also undertakes general contracting work. Construction is in progress in thirteen cities, Bat Yam, Ramat Gan, Jerusalem, Tel Aviv, Bnei Berak, Herzliyah, Lod, Holon, Rishon LeZion, Ashdod, Petah Tikva, Kfar Saba and Raanana.

In addition, the Company and its subsidiaries have constructed and are operating two hotels, the Pan American Hotel in Bat Yam and the Pan American Dead Sea Hotel. Both hotels are in the luxury class. The former has 285 rooms, a large convention hall, and all the usual facilities of a beach hotel. The latter, located on the shore of the Dead Sea south of Ein Bokek, comprises 220 rooms. An array of health facilities for taking advantage of the therapeutic conditions in the area is in the process of completion. The aim of the Company at both hotels is to combine strict observance of Jewish religious requirements with the highest standards in service and facilities to be expected in a first class establishment.

The Company has two other top rate hotels on the drawing board, one with 320 rooms on the beach of Bat Yam, and another with 414 rooms on the slopes of French Hill in East Jerusalem.

Since the Company became a member of the Stern Holdings Group, the emphasis has been on quality and providing value for money. This is the common factor in all of Pan-Lon's activities, be it in the field of construction, or in hotel management.

Head Offices: Tel Aviv, Zip 65-251, Shalom Mayer Tower, 21st Floor. P.O.B. 29505, Tel. 52471.

BAYSIDE LAND CORPORATION LIMITED

The Bayside Land Corporation Ltd. was founded, in 1928, by the P.E.C. in the United States and is owned today by the Property and Building Corp Ltd.

An important chapter in the annals of the Company is its participation, together with the Jewish National Fund, in the purchase of lands in the Haifa Bay in 1928, the drainage of swamps, the building of the Haifa—Acre road, the paving of additional roads, the erection of the first buildings in Kiryat-Yam 'A' and 'B', the establishment of the industrial zone in the Bay of Haifa.

The Bayside Land Corporation Ltd. was the first company in Eretz-Israel that started industrial building projects in the Haifa Bay as early as 1937. Large enterprises such as the Phoenicia Glass Work, Frutarom, the Electric Wire and Cable Company and the Blue-Band factory were established on land acquired from the Bayside Land Corporation.

The principal activities of the Company in recent years are the allocation and development of areas for the erection of industrial centers and factory buildings for rent all over the country.

Till today, the Corporation has established by special building methods about 150,000 square metres of industrial buildings for rent and has thus saved the industrialist and the small manufacturer the pain of investing capital in building projects. These funds serve the purposes of production, the acquisition of equipment and the operation of factories.

The Company is building now a modern industrial park in the Herzliah Industrial Zone (near the Haifa—Tel Aviv road) on an area of some 20,000 sq.m., its greater part built. The pavillions in this center were rented by enterprises such as Scientific Technology, Tambour Paints Ltd., L.M. Lipski Ltd., and others.

In the last few years, the Company has built factories on an area of about 13,600 sq.m. near the entrance to the Port of Ashdod. This land was acquired from the Ports Authority for the purpose of erecting facilities for enterprises connected with the port and shipping services.

A large part of the industrial buildings is concentrated in the industrial zone of Holon that serves many enterprises in the Tel Aviv area.

This year, the Bayside Land Corporation Ltd. has started industrial buildings in the new industrial zone of Atarot near Jerusalem. Part of these will be prefabricated metal structures which is a time-saving building method. Additional 3,000 sq.m. are erected in the Southern Industrial Zone of Beersheba, near the Kharoshet Road.

Building has rapidly developed in the past two years also in the Bay of Haifa where some 10,000 sq.m. were erected, almost all of them for rent.

In order to shorten the building process and to finish the building earlier for the benefit of the manufacturer, the Corporation has recently started erecting also prefabricated metal structures for industries.

Together with "Gilat", the Bayside Land Corporation Ltd., is a partner in the building of apartment flats in Ashdod.

In a partnership with Rassco, Rural and Suburban Settlement Company Ltd., the Bayside Land Corp. Ltd. has built the large commercial and residential center in Kiryat Eliezer, Haifa, that includes Israel's highest multi-storey apartment building.

The past year was marked by the entry of the Company into a new field of activities: the maintenance and administration of bonded warehouses in the Haifa Bay Industrial Zone. Two large warehouses on an area of about 5,000 sq.m. are nearing completion and the Bonded is expected to be opened in the beginning of 1974.

Since its foundation, the main office of the Bayside Land Corp. Ltd. is situated in Haifa, at 2, Herzl Street (Tel. 664234).

Tel-Aviv Branch: offices of Neve Ltd., 53, Arlozoroff Street (Tel. 240122).

דירות קלרין
CLARIN

BAT-YAM RISHON LE-ZION REHOVOT

Clarin Apartments Co. was established in 1969. Clarin is the leading realty company in Bat-Yam, Rishon Le-Zion and Rehovot, and has been so since its establishment. It is known for its professional experience in the apartment field and for its uniquely qualified sales staff. The company has acquired an enviable reputation for reliability, the high standards of its apartments and for fulfilling its obligations.

Clarin apartments:

RISHON LE-ZION — REHOV ROTHSCHILD 38
BAT-YAM — REHOV ROTHSCHILD 32
REHOVOT — REHOV BEIT HAPOALIM 6

Readymix

READY MIXED CONCRETE (ISRAEL) LTD.

SUPPLIERS OF READY MIXED CONCRETE TO ANY BUILDING SITE IN THE COUNTRY ★ 24 PLANTS FROM SAFED IN THE NORTH TO EILAT IN THE SOUTH ★ MODERN EQUIPMENT ENABLES MIXTURES OF ANY TYPE OF CONCRETE TO BE PREPARED ★ A FLEET OF 150 TRUCKS EQUIPPED WITH A TWO-WAY RADIO SYSTEM ENSURING CONTINUOUS CONTACT BETWEEN PLANTS AND TRUCKS

★

Head Office: 34-36 Yitzhak Sade St., Tel Aviv. Tel. 03-39841 (10 lines)

MIVNEI TA'ASSIAH, INDUSTRIAL BUILDINGS CORPORATION LTD.

The Industrial Building Corporation Ltd. — Mivnei Ta'assiah B.M. — was established in 1962 by the Israeli Government, which is also the sole shareholder. The aim of the corporation is to encourage and assist in every way the erection of all kinds and sizes of industrial enterprizes in development areas all over the country.

In view of this the Government has subscribed to an initial share capital of IL. 15,000,000 now assets (as per 31.3.1973) have attained a value of IL. 90,000,000.

Industrial and craft buildings are erected in accordance with provisions issued by the Ministry of Commerce and Industry. In order to attract every kind of industrialist or craftsman, some of the buildings are planned with no defined objective, benig adaptable to a multitude of requirements; the main task being the possibility of creating new jobs and industrial services, the corporation is concentrating mainly on small and medium-sized buildings, ready to be rented at a low monthly fee or sold on very easy terms — thus offering newcomers an additional incentive to those which the initiators may get from the Government under the Law for Encouragement of Capital Investment in Israel. These advantages are apt to encourage promoters and shorten the transition period.

At present, the building space already rented sums up to 284,000 sq.m.; building space sold — to 59,000 sq.m.; some 22,000 sq.m. are ready for rent, and over 260,000 sq.m. are under construction.

Thus the total available space ammounts now to 625,000 sq.m.

The Board of Directors of the corporation is composed of Messrs :

A. Klang, Dep. Mayor of Ashdod;
E.D. Altschuler, Senior Economist Government Companies' Authority, Ministry of Finance;
Dr. **A. Cagan,** Director of the Financing Department of the Ministry of Commerce and Industry;
A. Mar-Haim, Economic Adviser to the Minister of Commerce and Industry;
Z. Saghi, Chief Assistant to the Accountant General;
S. Shochat, South District Manager of the Israel Land Administration;
D. Tichon, Personal Assistant to the Minister of Commerce and Industry in charge of Development Areas;
Chairman of the Board of Directors — Mr. **A Klang;**
General Manager of the Company — Mr. **Y. Pintchuk.**

Main Office: 29 Karlibach St., Tel-Aviv 67132, Tel. 283181.

SELA, HOUSING CORP. LTD.

"Sela" was established in 1949 as the central housing instrument of the Histadrut Ovdim Leumit (the National Labour Organisation), with the purpose of providing housing quarters and public institution buildings for the benefit of both its workers membership and of new immigrants. During its 20 years of existence, "Sela" Ltd. has erected over 7000 housing units for veterans of the movement, and — through the Ministry of Housing — for new olim. In addition to this, "Sela" has built a series of commercial and shopping centers, as well as public institutions, throughout the country. Sela-Quarters are erected, on private as well as on national land, in Jerusalem, Tel Aviv, Ramat Gan, Petach Tiqva, Nethania, Rishon Lezion, Rehovot, Herzlia, Hadera, B'nei Brak, Ness-Ziona, Beth-Dagon, Ashkelon, Kiryat Ono, Akir, Bat Yam and Beer-Sheva.

The Company is headed by former M.K. Mr. Shabtai Shichman.

The main office is situated in Tel-Aviv, 23, Rehov Sprinzack, P.O.B. 618, Phone 258105.

"RASSCO" RURAL AND SUBURBAN SETTLEMENT CO. LTD.

"Rassco" Rural and Suburban Settlement Company Limited is a leading builder and real-estate developer in Israel. The company is active in all fields of construction as general contractor as well as for its own account, has a long record in developing real-estate schemes, ranging from self-contained suburbs, through urban apartment house centers and shopping centers to hotels and industrial parks, and it takes its share in Government sponsored building programs for new immigrants, young couples and slum clearing. Rassco is also building a great number of public buildings such as schools, university buildings and Government offices, and it takes part in building operations for the Ministry of Defence. In recent years Rassco started construction abroad, which accounts today already for a considerable part of its turnover.

The company's organisation comprises 3 main divisions :

- The Housing and Development Division;
- The Construction Division;
- The Property Maintenance Division.

Officers :

Mr. **Igal Weinstein,** Managing Director; Mr. **Uri Rafaeli,** Deputy General Manager; Mr. **Menachem Furth,** Assistant General Manager; Mr. **Chaim Kimchi,** Assistant General Manager; Mr. **Shmuel Weinberg,** Chief Engineer; Mr. **Joseph Wizenberg,** Legal Advisor; Mr. **Zeev Estreicher,** Secretary; Mr. **Abraham Zelig,** Personnel and Administration Manager; Mr. **Jacob Vitkowsky,** Internal Controller; Mr. **Zvi Heilig,** Manager Foreign Trade and Supply Co. Ltd.

The Head Office of the Company is at 1, Har Sinai Street, Tel-Aviv, P.O.B. 1058, Telephone: 62.22.11; Telex: RASSTA TV 033-601.

Its Branch Offices in Israel are as follows:

Jerusalem, 8, Shamai Street;

Haifa, 1, Herzl Street;

Beer Sheba, Beit Rassco;

Ashdod, 5, Achad Haam Street.

Subsidiaries of the company maintain offices abroad as follows:

New York: Rassco Financial Corporation, 535 Madison Avenue, New York, N.Y. 10022; Telephone: (212) 421-8360; Telex: 224739.

Zurich: Rassco Corporation Ltd., Lavaterstrasse 37, 8002, Zurich; Tel.: (051)25.34.40; Telex: 53643.

Teheran: Rassco Builders (Overseas) Ltd.; Abbas Abad Avenue, Bukharest, Khucheh No. 3, No. 40, Tehran, Iran. Telepohne 624414. Telex: 2350.

SHIKUN OVDIM, B.M. (WORKERS' HOUSING LTD.)

Israel's oldest and largest Housing Company, Shikun Ovdim B.M., established 1933 by the "Hevrat Haovdim" (the Histadrut's central economic agency), has carried out an impressive building activity, aimed at the supply of suitable and convenient homes for the Israeli working population. Since its inception, Shikun Ovdim has built 120,000 apartments, in which over 500,000 people have initially been housed.

Shikun Ovdim has building projects in 66 towns and settlements, all over the country — from Safed in the North to Eilat in the South.

The operations of Shikun Ovdim B.M. have included the erection of 12 Workers' Garden Cities and 100 Residential Quarters — while the main beneficiaries of this tremendous building activity have been veteran members of the working population, newcomers (olim hadashim), employees and newly-wed young couples.

Shikun Ovdim holds 50% of the shares of the Housing Mortgage Bank, which has granted around IL. 300,000,000 mortgage loans on 50,000 apartments.

General Manager is Mr. Abraham Offer, M.K. (Labour).

The Head Office of Shikun Ovdim B.M. is situated in Tel Aviv, 21 Rehov Leonardo Da Vinci, Telephone 250211, P.O.B. 392, with branches in Haifa, 43, Rehov Hehalutz, Telephone 60915, P.O.B. 4076; in Jerusalem, Rehov Hillel, 8, P.O.B. 963; Tel. 233395; in Beear-Sheba, Central Negev House, Massadah Road; Tel. 3542; and in Ashdod, 12 Rogosin St., Tel. 31890.

שיכון עובדים

PROPERTY AND BUILDING CORPORATION LTD.

The Company, founded in 1961 as a private company, went public in 1963. Until the end of 1970 Property and Building Corporation Ltd. was a subsidiary company of DISCOUNT BANK INVESTMENT CORPORATION LTD., operating through its two subsidiaries: "GAD" BUILDING CORPORATION LTD. and "GILAT" HOUSING AND BUILDING IN DEVELOPMENT AREAS LTD.

In December 1970, the Company acquired from PEC ISRAEL ECONOMIC CORPORATION the shares of three buiding and real estate companies: BAYSIDE LAND CORPORATION LTD., which builds industrial buildings for leasing; YAKIM DEVELOPMENT COMPANY LTD. and its subsidiary Company, NAVEH CONSTRUCTION COMPANY LTD., specializing in the development of luxury urban communities; and MERKAZ HERZLIA "B" LTD., owner of half the office building at 6, Ahuzat Bait St., Tel Aviv.

In exchange, PEC received new shares in PROPERTY AND BUILDING CORPORATION LTD., and in consequence became the parent Company with 62% holding.
PROPERTY AND BUILDING CORPORATION LTD. holds 100% of the voting rights of the following subsidiary companies:
BAYSIDE LAND CORPORATION LTD.
YAKIM DEVELOPMENT COMPANY LTD.
MERKAZ HERZLIA "A" LTD.
MERKAZ HERZLIA "B" LTD.
CAD PLANTATIONS LTD.
"HON" INVESTMENT AND TRUST COMPANY LTD.
and 50% of the following two subsidiary companies:
"GAD" BUILDING CORPORATION LTD.
"GILAT" HOUSING AND BUILDING IN DEVELOPMENT AREAS LTD.
Having added the new companies to its investments in the construction and real estate development industry, the Company substantially extended its scope of operations, penetrating all spheres of activity in the building industry.

To-day the Company concentrates on the following activities:
a) Building, selling and renting of housing units, stores and factories.
b) Acquiring and developing of real estate.
c) Investments in citrus plantations.
d) Management and maintenance services of flats, office and apartment buildings.
The Company's activity is carried out through subsidiaries as well as directly.
By the end of 1972, share capital and reserves (consolidated) amounted to IL 32.5 million approximately, and the consolidated balance sheet to approximately IL 100 million.
BOARD OF DIRECTORS:
J. Meyerhoff, Chairman; M.B. Gitter; A. Hassidoff; A. Levinson; J. Mirelman; D. Recanati; D. Tolkowsky and D. Tadmor.
MANAGING DIRECTOR:
D. Tadmor.
HEAD OFFICE:
16, Simtat Beit Hashoeva, Tel Aviv; P.O.B. 1688; Tel. 622901.

SHIKUN EZRACHI HOUSING CORPORATION

A housing corporation, established in 1943 by Mifde Ezrahi, Shikun Ezrahi is one of several economic enterprises promoted by organs of the Liberal Party in Israel, with the purpose to help new-comers as well as old-timers in their initial housing problems. The Co. has implemented various housing projects all over the country, but mainly in such places as Jerusalem, Tel Aviv, Ramat Gan, Nahlat Itzhak, Givataim, Haifa, Tzur Shalom, Rehovot, Ness-Ziona, Holon, B'nei Brak, Kiryat Ono, Ramat Hasharon, Herzlia, Raanana, Hadera, Natania, Tiberias, etc. In the planning stages are further building projects to be carried out in Givataim, Kiryat Ono and Natania.
Along with large housing projects, the Company has taken special care to provide suitable buildings for public needs, e.g. clubs, dispensaries, commercial centers, etc. The Board of Directors comprises Messrs.: Shabtai Miron, President; Tzevi Abramovici, Dr. Akiva Hoffman, Jean Cohen, Julius Salpeter, Z. Rener, Mordechai Schiff.
Main Office: 68, Ibn-Gevirol St., Tel Aviv, Tel. 265208/9.

TZELON LTD.



צלון בע"מ

יצרני תריסים

PRODUCERS OF ALUMINIUM SHUTTERS

★ **Venetian Blinds (Aluminium Slats)**

★ **Aluminium Shutters**

★ **Aluminium and P.V.C. Slats**

Aluminium Works, Aluminium Doors, Aluminium Windows, Glass Slats

SHOW ROOM & SALES OFFICE:

Tel-Aviv, 217 Dizengoff St.; Tel. 240221, 243417

E. NEY E CO. (1971) LTD.

★ E. NEY & CO. LTD.

Founded in 1920 by the late Mr. Erich Ney.
Manufacturers' Agents and Representatives of manufacturers of international repute of raw materials and machinery for the textile industry.

★ NEY AGENCIES LTD.

Sister firm of the E. Ney & Co. Ltd. dealing mainly in the representation of world-wide concerns of raw materials and machinery for the plastics and packaging industries.

Tel-Aviv, 37 Yaffa Road, P.O.B. 1698;
Tel. 50702-4
Cables: ENEY TELAVIV
Telex: International 033-634

Aled Couture

Aled Couture is the trade name of the High Fashion Ladies Jerseys of the Aled Knitwear Factory Ltd., Industrial Centre, Petach Tiqwa. The firm Aled was established in Israel in 1939. The owners are the four daughters of Mr. Alfred Edelstein, who established at the turn of the century the firm in Austria. The name ALED was formed out of the initial letters of his name.

A short time after Aled's start in Israel the firm began exporting. The enterprise employs today 300 people. It stayed a family enterprise and the shares are all in the hands of the family members as the second and third generation. The third generation acquired the professional training abroad and as all other members of the family, are active in the factory.

Managing director of the firm is Mr. F. H. BLOCH.

Sales Manager Mr. AVNER ZENTNER.
Technical Director is Mr. PHILIP ADIV, Textile Engineer.
Chief Designer is MRS. LILLY MALCHI-EDELSTEIN.

Aled produces its high-fashion styles from fine wool, double Jersey and man made fibres (synthetics, Polyester, etc.).
The main items are: dresses, costumes, pant-suits, after-five fashions, cocktail and evening specialities.

Aled knit creations have been selected "The most preferred knitwear & jersey in Israel" for 11 consecutive years in the popularity polls conducted by "Marketing & Opinion Research Institute of Israel".

The firm has moved lately into its new modern factory in the Industrial centre of Petach-Tiqva.

Aled has representatives and Sales-offices in U.S.A., Australia, South-Africa, Great Britain, Ireland, Holland, Belgium, Austria, Switzerland and Canada.



Acrilan products are produced by the leading manufacturers in Israel and are exported to all parts of the world. Acrilan products are available in a wide range of fashionable designs. They are easy to wash, keep their form and always look new!

Acrilan products include:

- INFANTS' WEAR
- CHILDREN'S WEAR
- SWEATERS & CARDIGANS
- MEN'S & BOYS SHIRTS
- KNITWEAR FOR WOMEN
- JERSEY FABRICS
- UNDERWEAR
- SOCKS
- KNITTING YARN
- CARPETS
- DEEP PILE CARPETS
- BLANKETS
- CURTAINS
- TOYS



Israel Chemical Fibres Ltd. Ashdod

ARGAMAN TEXTILE DYE WORKS LTD.

Esatblished in 1933 by its Chairman, Mr. Abraham Klier, the Company operates Israel's largest textile commission dye and finishing plant. It processes the major part of the local woolen and yarn production, as well as a considerable part of the cotton and synthetic textile products.

All efforts have been directed to render the necessary services to the local textile industry and to further their efforts to increase exports. The plant handles most of the woolens and yarns tendered by customers and manufactured for export. By insisting on high quality work, the plant has been able to make a considerable contribution to the competitiveness of Israel textile products on the world market. Argaman, which has been in existence for 40 years, is now operating in Yavneh, some 30 km. from Tel-Aviv, being built up on an area of more than 100,000 sqm.

In Yavneh Argaman Ltd. operates four plants : 1) a plant for dyeing and finishing of cotton & of cotton mixed with synthetic fibres and pure synthetic fibres: 2) a plant for dyeing and finishing of wool fabrics and of wool mixed with synthetic fibres, knitted or woven; 3) a plant for dyeing of yarn in hanks, cones, stock and tops; 4) a subsidiary company, "Ardaf", which specializes in printing of fabrics. Through this subsidiary, Argaman, independently, exports fabrics.

Another subsidiary company was founded by the name of "Arel". Argaman and ELTA (a subsidiary of The Israel Aircraft Industries) have combined their technical know-how to develop and produce the most advanced and versatile dye cycle controller, which enables an automated control system of textile dyeing. The fabrics of this process are earmarked mainly for export.

In 1972 a new subsidiary company by the name of "Argathen" was founded, producing machinery for dyeing and finishing of textile fabrics. Most of its production is for export.

Argaman is unique in its capability of dyeing, finishing and printing all textile products, including all man-made fibres.

Last year, Argaman Ltd. was employing nearly 700 men.

Address : Yavneh, Industrial Zone, Tel. 055-95251; Bnei Brak, Tel. 784,111.

EMEK KNITTING MILLS LTD.



The Knitting Mills Emek have been founded in Israel, in 1936, by Mr. S. Radoshitzky. After his death his work was continued by his three sons, who devoted special efforts to expand exports.

Their baby and children knitwear has already attained a high reputation in Western Europe, Africa and the U.S.A.; about 90% of the entire production is destined for export. In 1972 the export was for $ 1,000,000.

Emek Knitting Mills Ltd. now employs 200 workers. After having received the up-to-date machinery which was ordered, they expect to increase this number considerably.

Address: 5, Hilason St., Ramat Gan; Tel. 729181—5.

ISSER GREENFELD AND SONS, TEL-AVIV

A registered partnership comprising 4 factories:

TEXTILE DYEHOUSE (est. 1921)
WOOL SPINNING MILLS (est. 1944)
ABSORBENT COTTON WOOL (est. 1932)
WOOL WEAVING MILLS (est. 1952)

TEL-AVIV, 7 BAR-YOKHAY ST., TEL. 829117-9

The Partners, who are also active Directors, are Messrs.: Menahem Greenfeld, 7, Hashoteret St., Ramat-Gan; Mrs. Yaffa Elan-Greenfeld, 15 Maze St., Tel-Aviv; Elazar Greenfeld, Shareth St., No. 61, Tel-Aviv

BEGED-OR (1968) LTD., LEATHER GARMENTS MIGDAL-HA'EMEK

Founded in 1959 and started with six workers recruited from among the newcomers established in the "development townlet" of Migdal-Ha'Emek, Beged Or has grown to be today Israel's biggest manufacturer and exporter of leather garments, whose high fashion leather clothing for men and women is fast becoming a recognised emblem of quality and styling throughout the world. Still in full swing of its development, Beged Or already employs, in its two plants located in Migdal Ha'Emek and in workshops located in Haifa, Nazareth and Tel-Aviv, over 700 skilled people. Beged Or Ltd. maintains also a workshop in London, showrooms in Paris, London, New York, Düsseldorf, Frankfurt, Milano and in Tel-Aviv. Thus, the enterprise is capable of supplying both the Common Market, the EFTA countries, Overseas and the expanding tourist and local trade in Israel.

Total sales reached in 1970 4 million dollars. Beged Or fashions are currently featured in The New York Times Magazine, Vogue, Harpers Bazaar, Glamour, Mademoiselle, Annabella, Nova, Queen, Vanity Fair and similar magazines throughout the world; and current plans for showing include the Forum in Copenhagen, the Trade Fair in Vienna, the Israel Fashion Weeks in Israel and in the United Kingdom; the Pret a Porter in Paris and the Fashion Preview in Stockholm. Last fall, its garments were displayed at Saks Fifth Avenue, Bloomnigdale's, Bonwitt Teller, Bergdorff Goodman and featured in the Christmas catalogues of Lord & Taylor, Niemann-Marcus, etc.

The Beged-Or concept has revolutionized leather fashion in the past three years. Where once leathers were stiff and military, Beged-Or has devised ways of treating the skins and shaping them into soft caressing designs that enhance rather than hide the female figure.

One major Beged-Or innovation is styling leather with high armholes and an undefined bustline, both of which increase the feminity of leather and do away with the clumsy heaviness that used to limit the fashion expression of leather.

The founder of Beged-Or is Mr. Leslie S. Fulop, a Hungarian born Jew, who studied law in Budapest, until the Nazis sent him fleeing to Rumania and from there, on a refugee ship, the tragically renowned "Mefkure", to Palestine : but the "Mefkure" was sunk by a Nazi submarine and Fulop, with only two others out of 350 doomed passengers, survived, swimming for six hours to safety. Later, in 1948, Leslie Fulop came as a volunteer to help fight for Israel's independence. Today, as the number one maker of couture leathers and swedes, whose creations are worn by the world's most famous elegance (e.g. Princess Cristina of Sweden, Jacqueline Onasis and Princess Radziwill, Marlene Dietrich, Poly Bergen, Marion Javits, Princess Borgia, House of Savoya etc.), Mr. Fulop compares paintings, which he loves, to leather coats: "You must love to look at both; the difference is, that a painting goes on the wall, but a coat goes on a woman and she must be able to live in it, move in it and be attractive...". In his opinion, leather and furs are the most primitive covering we possess, and "every woman is at heart a cave woman, savage, basic... a leather garment should be even more caressing than a massage".

The plant is located in Migdal Ha'Emek, near Haifa, P.O.B. 16; Tel. 065-40631; Telex: 044-684. Show-rooms are open in :

MIGDAL HAEMEK. Beged Or Street, Tel. 065-40631, Telex: 04684.

TEL-AVIV: 45 Ahad Ha'am St., Tel. 621-482, Telex: 033580.

NEW YORK: 526 7th Avenue, Tel. 947-9150, Telex: 421529.

LONDON: 29/30 Margaret St., Tel. 580-4108, Telex: 27459.

PARIS: 8 Place Vendome, Tel. 260-66-61, Telex: 21445.

MILANO: 87/A Corso di Porta Romana, Tel. 546-3034.

DÜSSELDORF: 11 Pionierstr., Tel. 324897, Telex: 8588104.

FRANKFURT: Haus der Mode Eschborn, Tel. (06196) 45255, Telex: 414989.

CLAL-TEX, MARKETING OF COTTON PRODUCTS LTD.

The "Clal-Tex" corporation (in Hebrew: Clal-Tex, Shivuk Mutzarei Kutna B.M.) has come into beeing on 1st February 1967 as a joint venture of the Israeli spinning mills together with the well known "Clal", Israeli Investment Corp. Ltd. The stock of Clal-Tex is consequently, divided as follows: 50% is held by Clal, Israel Investment Corp. Ltd. while the balance of 50% in controlled jointly by the following Israeli Spinning Mills: "The United Spinneries of Israel Ltd."; "Dimona Fibres Ltd.; "Ramat Siv Ltd."; "Sharon Textile Mills Ltd."; "Hula Textiles Ltd."; "Moller Textile Ltd."; "Beit Shaan — Nazareth Textile Works Ltd.". The registered capital of the corporation is IL. 10,000,000, out of which IL. 2,000,000 are paid out; a loan of IL. 3,000,000 has been executed to Clal-Tex by the main stockholder Clal, Israel Investment Corp. The main and sole objective of Clal-Text is buying the cotton and synthetic yarn production of the above listed Spinning Mills, in order to market it, in an organized manner, both for local consumption and on the world markets. The Corporation looks forward to a yearly sales turnover of IL. 150,000,000, out of which 10% are expected to come from exports.

After six years of activity, a remarkable improvement has taken place as far as cooperation among the spinneries, efficiency of production, management, marketing and financing, are concerned. The same holds good for the satisfactory relationships with customers both on the local market and abroad.

The Board of Directors is composed of representatives of the mentioned spinning mills and of the representatives of Clal, Israel Investment Corp. Ltd. — 50% each.

The Chairman of the Board of Directors is supposed to function, alternatively, everyone for six months.

The Board is presently being chaired by Mr. M. Silberschatz, Managing Director of "Ramat-Siv" Ltd.

The Board of Directors has delegated the powers of current management to an executive committee, consisting of three representatives of Clal and three representatives of the spinneries. The President of the Executive Committee is Mr. A. Twerski, Dep. Mang. Dir., "Clal" Ltd.

The Managing Director of "Clal-Tex" is Mr. J. Wilson.

Head Office: Tel-Aviv, 62 Yehuda Halevi St.; Tel. 622571.

LAHAV JACOB AND CO. LTD.

Founded by Mr. Jacob Lahav, in 1945, as a plant for the manufacturing of men's shirts and ladies blouses, with a special view for exports, the Lahav enterprise made its modest debut on the Israeli scene in 1948, when it began to manufacture men's shirts. Excellent management, know-how and the ability to judge sales possibilities in Israel and abroad have made this enterprise the leading one of its kind here, carrying at the same time the name of Lahav to Western Europe, the United States, and to Africa.

Today, the Lahav label is popular with the better shops in Paris, Rome and New York. In addition to the men's shirts, with which Mr. Jacob Lahav laid the foundations of his firm, he now manufactures and markets also women's clothing (dresses, slacks, skirts, blouses, jackets, etc.) as well as men's trousers & windbreakers.

In 1972, a new branch for children wear, "Mini Lahav", was founded.

The Lahav factories in Tel-Aviv and Beth Shemesh employ 850 workers, most of them busily engaged in this year's export drive, which should top the $ 1.5 million mark.

The factory is situated in Tel Aviv, 57, Wolfsohn St.; Tel. 827102.

★

CAESAREA TEXTILE WORKS LTD.

The plant in Caesarea, established in 1961 and equipped with the most advanced machinery in Israel, employs hundreds of workers, living in its vicinity, as well as local and foreign experts. In addition the company operates a hand knitting carpet division in Nazareth.
The company produces and markets today a wide range of the "CARMEL CARPETS" in Persian, contemporary and modern designs in a variety of qualities and sizes, to fit all tastes, as well as Wall to Wall carpeting supplied to hotels, offices, theatres and similar institutions.
The compnay produced woven carpets. A year ago it also started to make tufted carpets in two new factories together with a well known foreign partner.
The range of the company's activity starts from the initial raw wool stage up to the final laying of the finished carpets in specific customers buildings.
The company markets its products locally, where it holds the very majority of the market, as well as in foreign countries, where the quality, appeal and service have been well accepted.
In addition to production of carpets the company specializes in the production of special fabrics and mainly plushes.
The Managing Director of the company is Mr. Abraham Schapira.
CAESAREA TEXTILE WORKS LTD., 16, Lilienblum St., Te-Aviv;
Cables: CAESARTEX, TELAVIV; Tel: Tel-Aviv 52021, 57674; Caesarea 063-88855-6.

GLENOIT (ISRAEL) LTD.

Glenoit (Israel) Ltd., located at Caesarea, specializes in production of High Pile Knitted Fabric — made of artificial fibres — and are actually artificial furs.
The GLENOIT products are made in a large variety and colours and qualities to serve best their various uses.
The GLENOIT products are used in the confection and shoe industries as liners, as well as outers, in the stuffed toys production, as well as for upholstery, floor coverings in bed and bath rooms etc.
The majority of GLENOIT (ISRAEL) output is diverted to export markets in many countries in a constantly increasing volume.
The company is owned by GLENOIT U.S.A. and CAESAREA TEXTILE WORKS LTD., and is directed by Mr. Abraham Schapira.
GLENOIT (ISRAEL) LTD. 16, Lilienblum St., Tel Aviv — Israel. Cables: CAESARTEX TELAVIV; Tel.: Tel-Aviv 52021, 57674; Caesarea 063-88851, 88858, 88740.

CAESAREA YARNS LTD.

Located at Bnei Brak, the company specializes in the spinning of worsted and sewn worsted woollen yarns for carpets, supplying the local market as well as exports. The company is associated with and is owned by CAESAREA TEXTILE WORKS LTD., and foreign investors.
CAESAREA YARNS LTD., 13 Modiin St., Bnei Braq — Israel; Tel. 783171-3.

TOYLAND LTD.

This company, operating at Bnei Braq, produces stuffed dolls, animals, toys and slippers made mainly of GLENOIT's fabrics.
The greatest part of the company's output is exported to the United States and various European markets in constantly growing quantities.
The company is a wholly owned subsidiary of CAESAREA TEXTILE WORKS LTD.
TOYLAND LTD., 13 Modiin St., Bnei Brak — Israel; Tel. 781161-2.

ELANIT, KNITTING MILLS LTD.

Elanit Ltd. was established in 1949 following the amalgamation of "ELAN" (Dr. Gottesman) and "Nesher" (Mrs. Rachel & Mr. Yizchak Adler).

The factory produces a range of highly fashionable jersey suits and dresses bearing the "Serigarig" (R) label in wool, "Silkonit" (R) and "Syntanit" (R) as well as ladies' sweaters in "Cashmirit", wool and synthetics.

Recently, "LINIT", "COTTONIT" and "NOPENIT" have been added to Elanit's registered trade marks. "Linit" is an exclusive mixture of linen and synthetics, while the others are mixture of cotton and wool.

Elanit Ltd. is the first Government approved exporter of Israel Knitwear. Its sweaters and jersey outfits are well introduced in U.S.A., Canada, Latin America, as well as South Africa and Australia, Japan and European countries.

Dr. Gottesmann, who has been in the Knitwear industry in Israel since 1935, visits most of the markets every year in order to maintain personal contact with the clients and the agents.

Elanit has built a most up-to-date factory building in Tel-Aviv's centrally located Yad Eliahu Quarter. New machinery, both a fully fashioned plant as well as new machinery for the production of Double Knit cloth has been imported.

Recently, at the celebration of Elanit's 20th anniversary at Hilton Hotel, new expansion projects have been announced, including new equipment, expansion of the buildings, with a view to increase the capactiy of Elanit in order to cope with the high demand for Elanit's goods all over the world.

Elanit Knitting Mills employ about 200 workers, including the workers employed by a large number of subcontractors, working exclusively for Elanit Ltd.

Office & Plant : 11, Massad St.; P.O.B. 1259; Tel. 31423-4-5; Cables: Elanit, Tel Aviv.

D.S. חברה ליצוא בע"מ EXPORT CO. LTD. ד.ש.

12 Tiomkin St., Tel-Aviv P.O.B. 14106 Tel. 623283-4-5
Cables: DEXOR TEL-AVIV Telex : 32174 SREM IL

AUTHORIZED GENERAL EXPORTER
EXPORTERS OF KNITWEAR & CONFECTION
for BABIES ★ CHILDREN ★ LADIES ★ MEN
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Telex: 32174 SREM IL Cables: DEXOR TEL-AVIV
Residence: 9 Nahum St., Bnei-Brak; Tel. 789088

KITAN DIMONA LTD.

Kitan Dimona Ltd., one of the biggest textile concerns in Israel, was established in Dimona by the Israel Central Trade & Investment Company Ltd. and by Kitan Ltd. — in response to official encouragement and to insistances expressed by the late Levi Eshkol then Minister of Finance, and by Pinchas Sapir, then Minister of Industry and Com merce, who were both very eager to see a rapid development in these new parts of the country. Dimona is, today, one of the most beautiful new townlets with approximately 30,000 inhabitants. The new plant was to become the biggest employer in this town.

Presently, Kitan Dimona Ltd., engaged in the processing of cotton and synthetic yarn, operates 4 departments in the plant: 1) A Spinning Deparment; 2) A Weaving Dept.; 3) A Finishing Dept.; 4) A Tailoring Dept. Other, auxiliary, departments deal with Production Engineering, Quality Supervision, Administration, Control and Manpower.

Construction started in 1959; in 1961, the plant was able to commence partial production in a number of departments, until, in 1963, building and erection of the equipment were completed in all compartments. Further enlargement of the plant took place in 1969. The built-up area expands today over 63,000 sq.m., of a total site of 600 dunam. The plant now includes: 32,000 spindles, with a daily productive capacity of 13,500 kg; 458 looms, fully modernized, with a productive capacity of 45,000 meter daily; together with the dyeing and finishing equipment, which was acquired recently and is of the up-to-date type, the total capacity of the combined operations amounts to 850,000 meter per month.

The Tailoring Dept. comprises 130 sewing machines, with an output of 45,000 units per month.

The Company employs about 1700 workers: 150 in marketing and in management, and 1,500 in the various compartments of the concern. Most of these workers have been trained and fully specialized on the spot.

Working in 3 shifts, Kitan Dimona Ltd. covers about 18% of the total textile output of the country, with a sales volume of about IL. 60,000,000 last year, (of which $ 2,5 m. to 3 m. exports).

The main shareholders of Kitan Dimona Ltd. are: The Israel Central Trade & Investment Co. Ltd., with over 50% of the shares; Israel Investors Corporation, Israel Industrial Development Bank Ltd., and others.

Chairman of the Board of Directors — Mr. **Baruch Barak.**
Managing Director — Mr. **Gedalya Doron.**
The Plant: Dimona, Negev, P.O.B. 15; Tel. 057-91131.

Offices: Tel-Aviv, P.O.B. 2147, Hadar Yosef; Tel. 773132-5; Cables: Kitan TelAviv.

"LODZIA" TEXTILE CO. LTD.

"Lodzia" textile factory was founded in Tel-Aviv in 1924, as the first modern mill in this country for production of stockings and underwear. After Mr. Arie Shenkar took over this enterprise, it rapidly developed through the acquisition of modern equipment and through the addition of new production departments. The mill was rebuilt in Holon. Approx. 500 workers are employed in the factory, producing ladies', men's and children's stockings of all types; ladies' nylon stockings; stretch, woollen, silk & cotton underwear; garments for infants. A considerable part of its production is for export.

Share Capital: Authorized as per 31.12.70, IL. 4,000,000, Subscribed & Paid-up as per 31.12.70, IL. 3,000,000.— Bankers: Bank Leumi Le-Israel B.M., Union Bank of Israel, United Mizrahi Bank, Israel Discount Bank, Ltd.

Director General: Mr. A. Manor.

Head Office: Holon: Industrial Quart. P.O.B. 34, Holon, Tel. 847111, Tel-Aviv.

Plant: Holon; Industrial Quarter, Hamanor St., Cables: LODZIA HOLON.

GIBOR TEXTILE ENTERPRISES LIMITED

Gibor Textile Enterprises Ltd. was founded in May 1967 by Mr. B. Giberstein, owner of **Begi Enterprises** in France, and Mr. G. Rosov, Israeli veteran textile manufacturer. The company was established with the aim of manufacturing pantyhose solely for export. 70 million Israeli pounds were invested in the firm by **Gilberstein, Rozov, Bankier, Lautman** & others. The rest was a loan and grant from the Israel Govt. in the frame-work of encouraging capital investments.

The company benefited in the beginning from French knowhow. Initially, it engaged only in the finishing process of goods, but has advanced to full local manufacturing — from the nylon stretch thread to the completed goods.

Today the firm operates 15 plants throughout the country, with the majority in the development areas: Kiryat Shmona **(main factory),** Kfar Saba **(factory for knitting and tailoring shop)** and also further **tailoring** shops in: Acre, Daliat El Carmel, Gush Halav, Maalot, Ramat Hasharon, Tiberias, Yarka, Yahud. In all the **Gibor enterprises** employ today about 2800 workers.

The production capacity of all Gibor's factories now reaches 0.7 million dozens Panty Hose a month. The exports are destined for the U.S., Europe, South Africa and Australia. Exports for 1967 totalled $ 1 million; for 1968, $ 5,5 million; for 1969, $ 11 million; for 1970, $ 20,5 milion; and for 1971, $ 24 million. **Gibor** participates in marketing companies all over the world.

The management of the company is composed as follows: Mr. G. Rosov, President; Mr. D. Lautman, General Manager; Mr. H. Starinsky, Financial Director.

Factories: in Kiryat Shmona, Maalot, Kfar Saba and Daliat El Carmel, Israel.

Offices: 35 Hamelech Shaul Blvd., Tel-Aviv, Tel. 259241, Telex: 603; Cables: GIBOR T.V.IL.

KESHET TEXTILE INDUSTRIES

The Keshet Textile Industries comprise the following companies:

- OF-AR, Ltd., Ofaquim, Negev (established 1960);
- Azata Textiles Ltd., Netivot Negev (est. 1960);
- Textile Dyers & Finishers Keshet Ltd., Ramat Gan (est. 1933);
- Dry Cleaning Works Keshet Ltd., Ramat Gan (est. 1936);
- Texport Israel Fashion Exporters Ltd., Ramat Gan (est. 1965);
- **Spinning:** 15,000 spindles, with a yearly capacity of 1,400 ton;
- **Weaving:** 340 looms, producing 12 million square yards of fabric per annum.
- **Dyeing & Finishing:** 9 million square yards of fabric annually;
- **Dry Cleaning:** over 100 branches throughout the country;
- **Annual Gross Volume:** IL. 40,000,000;
- **Exports:** for 1972, $ 1,900,000 to 14 countries; for 1973, $ 2,300,000.

Chairman of the Board and Managing Director of the Group is Mr. Dov Jacobovitz; The address is Ramat Gan, Texport House, P.O.B. 2201; Tel. 795141; Cables: Texport Ramatgan; Telex: Texpo Il 3-3846.



SABRINA TEXTILE WORKS LTD.

Israel's leading producer of Ladies' Stockings, Panty Hose, Lace Panties, Ladies Panties and Men's Pants and all Kinds of Men's Socks ★ Sabrina was founded in Tel Aviv in 1960, and has been growing rapidly eversince ★ During the next two years a larger expansion is expected ★ By establishing an effective Control, the Company has succeeded in competing in the World Market ★ Its products are presently exported to the U.S.A., Panama, Zambia, Kenya, Iceland, Sweden, England, Germany, Switzerland, Hong Kong and other countries

sabrina textile works ltd. סברינה-מפעלי טקסטיל בעמ

9 HANASSI STREET, BNEI BRAQ, ISRAEL
TEL. 781265 — CABLES : SABRITEX

AGREXCO AGRICULTURAL EXPORT CO. LTD.

Established in 1957 by Israel's agricultural organisations jointly with the Israel Government, Agrexco has been entrusted with the task of organising and co-ordinating the export of fresh **agricultural** products from Israel, especially by making effective use of seasonal advantages at the foreign markets. Agrexco operates in full co-operation with the Agricultural Production and Marketing Boards and the Ministry of Agriculture. The main products exported fresh, immediately after the harvest, by means of special chartered airplanes and frigo vessels, are: Avocados, Bananas, Grapes, Melons (Ogen and Honeydew) and Watermelons, Strawberries, Pomegranates and Mangoes, Apricots, Artichokes, Capsicum, Carrots, Celery, Courgettes, Egg-plants, Onions, Potatoes, Tomatoes, Lettuces and other quality vegetables, packed in attractive hygienic containers, as well as dates, honey, cut flowers and flower bulbs. In addition to the above mentioned commodities, eggs, frozen poultry, goose liver, dairy cattle, sheep and queen-bees are exported in ever increasing quantities.

The main markets are presently:
The United Kingdom, Germany, France, Italy, Switzerland, Benelux, Scandinavia.
Agrexco Ltd. is assisted by a well-organised service of market research and also avail themselves of various means of promotion. Special regional offices of Agrexco function in Britain, France, Germany, Scandinavia (Sweden) and Switzerland; in other countries the activities are carried out by local agents. One of the most urgent tasks of Agrexco has been to promote in an efficient and planned manner, the cultivation of those products, which stand the best chance of responding to the growing demand of the European consumer. Thus, elaborate programmes of cultivation have been laid out, in accordance with special transport facilities, particular demands, etc.

Chairman of the Board of Directors of Agrexco is Mr. Avraham Broom, the Director General of the Ministry of Agriculture. General Manager of Agrexco is Mr. M. Shavit.
Headquarters: 20, Ha'arba'a St., Tel-Aviv, Tel. 264264, P.O.B. 7163, Cables: Agrexco Tel-Aviv; Telex: TV 714.

THE COTTON PRODUCTION & MARKETING BOARD, LTD.

Analogous to the Citrus Marketing Board, the Cotton Production and Marketing Board deals with all matters concerning the production and marketing of cotton in Israel It was established in 1955.

The Ministry of Agriculture attends to guidance on and supervision of cultivation of cotton in general, until it is brought to the gin. From this time onwards the Board is responsible for grading, storage, sale and collection of payment. The Cotton Board also centrally handles, pest control, buys the insecticides for distribution to the farmers at cost price and contracts with airplane companies for spraying and dusting the fields.

The Board has erected warehouses near each gin as well as larger concentration warehouses centrally located to safeguard the cotton against weather, fire and also to cheapen handling. The cotton is sold for cash or against documentary credit. The price of cotton is controlled by government authorities at IL. 3650.— per to grade SM 11/16 which is the grade accepted as a basis. For the grades above or under SM 11/16 there is a fixed table of premiums and discounts.

The budget of the Board is based on the collection of ½% each on all sales of cotton from the grower and from the spinner.

The yield in 1971 was nearly 35,000 tons of fibre, 60,000 t. seeds and 2,000 t. of linters. Israel's cotton production covers about 95% of the country's internal demand, leaving the remaining bulk for export to foreign countries; this has reached, in 1971, a value of over $ 10,600,000.

President of the Board of Directors is Mr. A. Brom; Gen. Manager, Mr. Zvi Neumark. The Head Office is located at 10, Karlibach St., Tel-Aviv; Tel. 260145.

FLOWERS BULBS & ORNAMENTAL PLANTS PRODUCTION AND MARKETING BOARD

The Flower Board was established as a result of a decision from the Ministry of Agriculture. The members of the board are the : producers, government and settlement movements. The main function of this Board is to export locally grown flowers ;

covering in cooperation with the Ministry of Agriculture ;

planning the flower plantation for long and short term periods;

in cooperation with Agrexco Co. planning the flower crops for the export season;

allocates quantities supplied at the beginning of the export season.

The Board is responsible for 7 packing houses — 2 of which are directly owned by it — and maintains the standard of high quality of the flowers. It also signs export agreements with growers and is responsible for payments to growers, and subsiding growing by granting short term loans. The producers grow approximately 70 varieties of flowers, primarily roses, carnations and gladiolas.

The local flowers market has not been organized until now.

The Development of Flowers Production in the years 1968—73:

Area in dunams	No. of flowers (in mill.)	Redemption (in mill. $)	In the years
405	44	3	1968/69
2251	64	4.6	1969/70
3645	99	6.8	1970/71
3900	129	8.4	1971/72
6000	144	10.5	1972/73
Forecast for the year 1973/74:			
7600	201	13.2	

Chairman of the Board is Mr. Eitan Israeli; The General Manager is Mr. Haim Porat.

Location of the main office — 119 Hachashmonaim St. Tel Aviv, P.O.B. 7158; Tel. 268136.

"JAFFA MOR" LTD.

MANUFACTURERS AND EXPORTERS OF CITRUS PRODUCTS AND CANNED VEGETABLES & FRUITS

EXPORT

1968	$ 800,000
1970	$ 2,000,000
1972	$ 4,000,000
1973 (expected)	$ 5,000,000

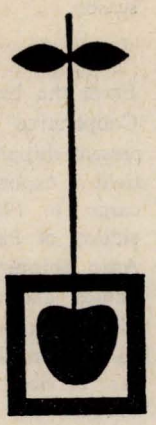
יפו-מור בע"מ

תעשיות מזון פרי הדר וירקות

ASHDOD INDUSTRIAL ZONE

P.O.B. 108 PHONE 055-21611 TELEX 3845 IOMOR IL

FRUIT BOARD OF ISRAEL



The Fruit Board of Israel (Hebrew: Moetzet Hapeirot — Yitzur Veshivuk) is the official body legally entitled to represent the Fruit Growing Branch before the Government and to deal with the planning of plantations, with coordination of the marketing and with the organization of exports of all kinds of fruits, except citrus. The Board comprises in its realm of activity all deciduous fruit tropical and subtropical, nuts and table-grapes. The Boards' activities are supported by special funds created separately for each kind of plantation and financed by the growers' own means in association with governmental financial sources. The Board and its various branches are organized in such a way as to include representatives of the plantation owners according to the kind of groves and to their regional distribution, and the Governmental Agencies associated with these problems and of the marketing bodies.

Presently, the Board is especially dedicated to the task of encouraging the export of our fruits, either fresh or processed. Export Sales executed in cooperation with Agrexco Ltd. which runs branch offices in London, Paris, Zurich, Stokholm, Munich. The Board is proud of the world wide reputation some of our fruit products have gained — as, for example, the Avocado, Mangoes, Bananas, Grapes, Apricots, Pecan Nuts, etc.

Chairman of the Fruit Board, Mr. A. Brum. General Manager is Mr. I. Goress.

Assistant General Manager is Mr. Z. Latovitzky.

The Main Office is at 119, Hahashmonaim St., Tel-Aviv, Tel. 260241; the Tel-Aviv Branch is located at the Wholesale Market, Bloc B, Room 33, Tel. 267031; Haifa Branch, the New Wholesale Market (Tel. 663065) and the Jerusalem branch at the Wholesale Market, Givat Shaul, Tel. 535435.

CARMIT CANDIES MAALE HAHAMISHA

The factory Carmit was established in 1963. A member of the Kibbutz had been sent on a special exploratory trip to France, after previously having established a close contact with the renowned firm of Caramel producers GALLIOT D'ISIGNY. The French firm has granted us a special license under which we have been able to produce our own Caramels. The factory is owned by kibbutz Maale Hachamisha, located in the Judean hills in the vicinity of Jerusalem. Since its establishment in 1963 CARMIT has expanded considerably, a new wing was added and modern and sophisticated machinery was acquired including a Transwrap machine.

We produce a wide assortment of candies including hard Caramels, Fruit and Choco flavors, Butterscotch and Nougat etc. Our main market has been in Israel, but we have also been trying to expand our markets abroad. We have suceeded in getting a foothold in Europe, Australia, Canada and Africa.

To those of our customers who are interested in KOSHER products we may add that our products are under the supervision of the Chief Rabbinate in Jerusalem. On special request that candies will be labelled KOSHER LE'PESACH. Marketing for export purposes is being done in Cellophane bags. This way we have been shipping the Caramels packed in bags of 8 oz. per bag (227 gr), or in bulk, 1,80 kg per carton, 9 such cartons in a box. We have also been shipping our merchandise packed in Polyethelene bags, 2 kg per bag, 8 such bags in one carton.

For the benefit of our prospective representatives and customers — our Caramels are made of fresh milk, condensed milk and butter. Thanks to these nourishing ingredients and to the special flavors — our cutomers will find the Carmit Caramels most enjoyable and tasty.

PARDESS SYNDICATE OF ISRAEL CITRUS GROWERS COOPERATIVE SOCIETY LIMITED

A Cooperative Society Limited, Pardess Syndicate of Israel Citrus Growers Ltd. was founded in 1939; it is the oldest citrus marketing organization in Israel, founder and active member of the Citrus Marketing Board of Israel. The most veteran company member of the Pardess Syndicate Ltd. is "Pardess Cooperative", which was founded in 1900.

Pardess Syndicate controls 19 central packing houses with the most modern and up-to-date equipment, which ensures proper packing and handling of the citrus.

The following companies are affiliated to and managed by Pardess Syndicate :

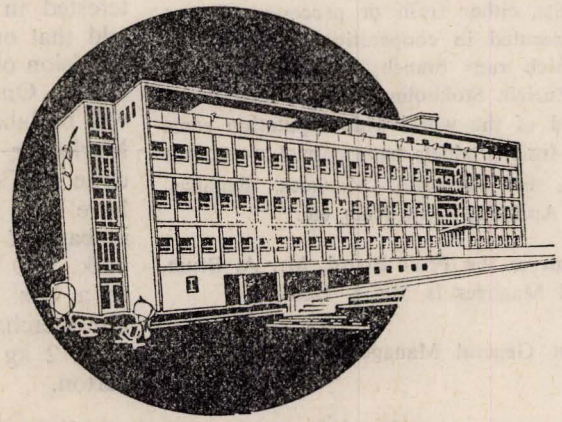
Pardess Syndicate (Ibud Pardessim) Ltd., a company for cultivation of groves, specializes in problems of irrigation and rehabilitation of groves, and cultivates and manages groves over an area of approximately 22,000 dunams. Pardess Syndicate Mekhley Ariza (1961) Ltd., produces bruce boxes for packing of citrus. Production capacity 6 million boxes per season.

From the beginning of the century "Pardess Cooperative" and later Pardess Syndicate represent shipping companies specializing in the field of export of citrus to Europe and general cargo. In 1970 Ardo Shipping Ltd., a subsidiary of Pardess Syndicate was established. Ardo Shipping Ltd. represents leading companies, and also acts as managers for shipping agencies. Ardo Shipping Ltd. specializes in modern shipping such as containers, sea-air services and also acts as chartering brokers and shipping managers.

General Manager of Pardess Syndicate is Mr. Zvi Kenan.

The Head Office is situated at Beit Haikarim, 8 Kaplan Street. P.O.B. 1290, Tel Aviv. Telephone 253456; Cables : PARDESSYND ; Telex : 033/600.

CITRUS MARKETING BOARD OF ISRAEL



Tel Aviv, 69, Haifa Road; Tel. 440411; P.O.B. 2590;
Telex : 033801; Cables: CITRUS TELAVIV

Control of Plantations ● Supervision of Picking and Packing Operations ● Marketing of the Citrus Crop Overseas and on the Home Market ● Shipping ● Technical Research ● Supply of Insecticides & Packing Materials ● Long Term Financial Assistance to Growers

THE VEGETABLE PRODUCTION AND MARKETING BOARD

A statutory body, created by a law of the Knesset, the Vegetable Production and Marketing Board is designed to carry out the following functions:

Planning the vegetable production: The board implements this function by allocating to growers, in accordance with the overall annual production plan, general and / or individual quotas; these quotas are issued with regard to seasons, variety and suitable growing areas. The board also approves special planting for export, regulates supply for industrial processing, for research, experimentation and study.

Regulation of supply for marketing: The board controls the quantities supplied to the local market, supervises also the grading, packing and the adequate marking of the vegetables marketed, deciding which variety is allowed to be marketed locally; it also supervises the storage operations of vegetables designed to be marketed at given seasons, according to crop prospects and to the estimates of local consumption, regulates the quantities to be allocated to the various inner markets at a given time, in order to ensure a balanced supply, to avoid surpluses and to ensure a suitable price level.

Coordination of exports: The board takes care of a coordinated exports activity, with a view to ensure optimal returns for the growers; this includes special efforts of standardization, which is of foremost importance in international markets.

Incentives and assistance: Acting as a coordinating body between various interests and being responsible for the main part of the vegetable production of the country, the board develops a variety of activities designed to foster research and to encourage further development in this field; it also takes care of the required pest control and of every other activity designed to raise the standard of the products, to improve seed quality, to increase local consumption and to deepen the growers awareness of the needs for suitable insurance against natural calamities.

Relations with farmers: The Board guarantees minimum prices in the local market; signs export contracts of vegetables at fixed guaranteed prices for the producer. The Board also insures the vegetable crops through the Fund for Insurance Against Losses Due to Natural Causes, a joint venture of the Government and the farmers.

Governing bodies: The board unites the following interested factors: Government, Producers, Marketers and Consumers, and is managed by its Director, Mr. Ahiam Ben-Yaakov.

Head Office: 2 Carlebach St., Tel-Aviv, Tel. 289271; the Haifa branch is located at the wholesale Market, Kibbutz Galuyot St., Haifa, Tel. 668483; the Jerusalem branch — Ghivat Shaul, Jerusalem, Tel. 524641.

PRIOR LTD

35,000 DUNAMS OF CITRUS GROVES / EXPERTS IN CITRUS CULTIVATION / MODERN EQUIPPED PACKING HOUSES / APPROVED CONTRACTORS OF THE ISRAELI CITRUS MARKETING BOARD.

HEAD OFFICE :

TEL AVIV, 30, IBN GVIROL St., P.O.B. 33321, Phone 251261

„VITA"
J. PLOTKIN & SONS LTD.

ויטה

This company was founded in 1934 by Mr. Israel Plotkin (1885 — 1949). Until 1939 the firm engaged in import. After the beginning of World War II the company started manufacturing syrups, caramel colour, jams, confitures and essences, as well as refining sugar. In 1951 VITA moved into new buildings which house the modern production lines.

The main products are :

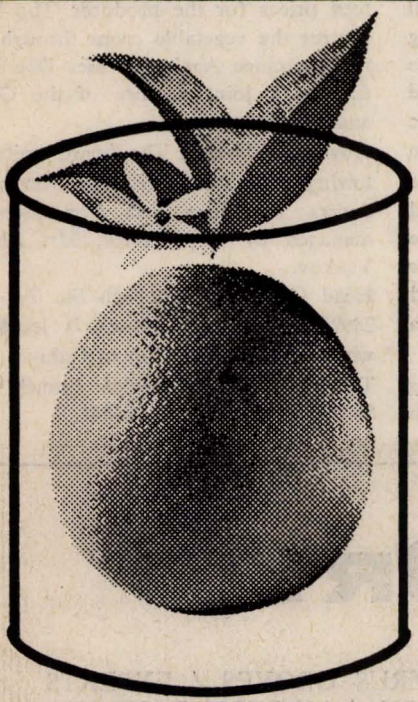
Canned grapefruit & orange segments, citrus juices; Canned peeled tomatoes and tomato juices, tomato ketchup; Canned fruits and vegetables; Soup powders of internatinal quality, in over 37 different flavours, in which the firm excells; Ready-to-serve meals, jams, confitures, etc. Main export products: canned citrus segments and juices, canned fruits and vegetables, and dehydrated soup powders. VITA's export last year — exceeded the $ 1,500,000 mark. The extension and modernization of production facilities during recent years enabled the company to produce quality foods, which compete successfully in price and quality, both in Israel and abroad.

The Company is headed by Messrs. Moshe Plotkin and Itzhak Plotkin; its address is Ramat Gan, P.O.B. 224; Phones: 786141—5.

THE PRI-ZE GROWERS CO. LTD., HADERA

DISTINGUISHED EXPORTERS IN 1968

The Pri-Ze Growers Co. Ltd. was founded in 1947 and started canning vegetables and fruit. The founders of the enterprise were guided by the experience of canning factories abroad



- CITRUS CONCENTRATES
- CITRUS PASTEURIZED JUICES
- CITRUS COMMINUTED JUICES
- CANNED FRUIT & VEGETABLES
- CANDIED PEELS
- BIOFLAVONOIDS

ALL KINDS OF PECTIN MADE FROM CITRUS PEELS

YAKHIN CANNING CO. LTD.

SUBSIDIARY OF YAKHIN HAKAL LTD.

HEAD OFFICE: 2 KAPLAN ST., TEL-AVIV / POB 332

TEL. 254351; CABLES : YAKHIN TELAVIV; TELEX: 502

that vegetables and fruit must be specially cultivated for the canning industry, and so the company sowed on its fields vegetables exclusively for this purpose. The output of the plant in the first year amounted to £ 500,000 and it employed a staff of 20.

In 1950, the plant started exporting its products. Its cucumbers in salt were marketed in the United States at a value of 10,000 dollars F.O.B. The number of the company's employees reached 60 and the turnover amounted to about £ 1,500,000.

In 1960, the plant installed the necessary machinery for the squeezing of citrus fruit and began producing canned citrus products. As early as 1952, the Pri-Ze Growers Co. Ltd. was the first enterprise to can grapefruit segments for export, foreseeing the immense possibilities offered by exporting chilled segments to the United States. Upon the initiative of the Pri-Ze Growers, Israeli industrialists started organizing in 1966 a joint enterprise to market chilled segments in USA and Canada. Its present volume amounts to approximately 2 million dollars, and the share of the Pri-Ze Growers in this venture is 25%.

The compnay was awarded the title of "Distinguished Exporter" in 1968, when its exports reached 1,180,000 dollars F.O.B.

The year 1969 became a turning-point in the annals of the plant, when it decided to intensify production. The Mopaz Company was founded, a company that acquired know-how and equipment for the manufacturing of sophisticated items. Already in the first year of production the plant exported additional 300,000 dollars worth of goods by means of Mopaz.

The total exports of the Pri-Ze Growers Co. Ltd. and Mopaz Ltd. amounted in 1972 to 3,350,000 dollars F.O.B. The production volume is nearly 28 millions IL.

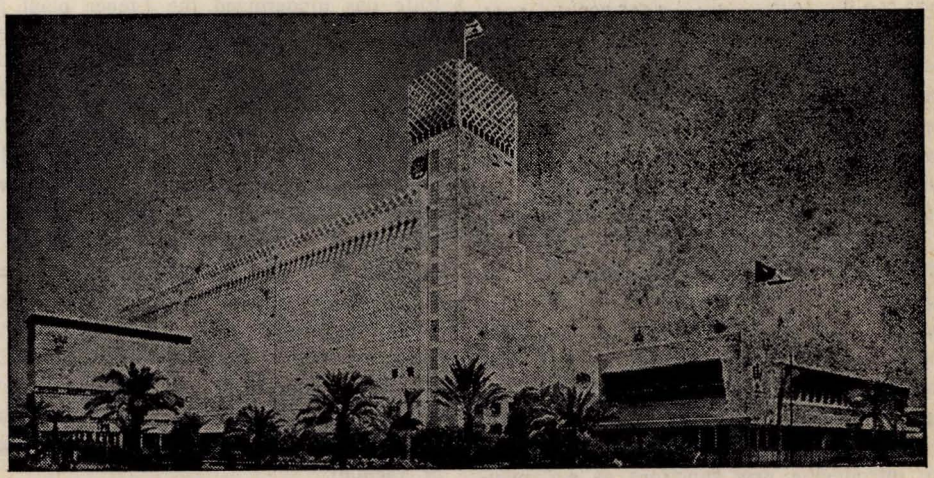
The plant deals mainly with the manufacture of citrus products and of canned fruit and vegetables.

The forecasts for the future indicate an increase in production, mainly for exports, implying the processing of larger quantities and a growth of production in depth. Exports are expected to reach the 4 million dollar mark in 1973.

Hadera; P.O.B. 91; Tel. 063-24557-8-9; Telex: 4-59114.

DAGON BATEY-MAMGUROTH LE-ISRAEL LTD.
HAIFA — ISRAEL

דגון בתי-ממגורות לישראל בע"מ
חיפה - ישראל



THE "DAGON" SILO IN HAIFA HARBOUR

ELITE ISRAEL CHOCOLATE & SWEETS MANUFACTURING COMPANY LIMITED

The Corporation of "Elite" Ltd., Ramat Gan, is today the largest manufacturer of sweets and chocolates in Israel, with a share of over 90% of the country's overall production in this field.

The Company was founded in 1933 by a group of three families, Fromcenko, Mosevics, Kopilov, in collaboration with other investors. 11 years before that, the same family group operated a similar plant in Riga, Latvia, employing 700 workers and exporting its products to the world markets. The know-how and connections acquired there have been brought over to Palestine. From its very start Elite devoted its efforts to keeping up quality and variety: almost every month a new product is offered to the consumer. Today, over 800 kinds of sweets are produced by Elite. Recently Elite has entered the cereal market and successfully launched its first product in this field: Rice Crispies. Elite has never ceased to grow, even in times of recession. The 1st large expansion took place in the middle of the 1937 crisis, a policy which justified itself in 1939, as the British Army came in adding a new factor to the local market: the turnover thus increased from £ 25,000 in 1934 to £ 123,000 in 1942 and to £ 615,000 in 1944. Continuing to grow, Elite reached in 1948, the year of the establishment of the State of Israel a yearly turnover of IL. 1,165,000; there was a slow-down during the austerity years, after which Elite has begun to grow again, selling: in 1952, IL. 1,9 million; in 1955 IL. 6,8 million, representing an increase of 360% during 3 years.

These new dimensions of the enterprise have required an overall reorganization of production, planning and sales. The main objective was far reaching efficiency, which was gradually attained in time. Within this reorganization, Elite set up a central supervision system over production and marketing, introducing new functions as e.g. manpower, production and marketing managers, as well as a chief engineer. This has enabled Elite to plan in advance for a long period and to introduce incentive wage-systems. Nowadays, 80% of the production is based on a norm system. In this period Elite has also modernized its equipment which prevents almost any manual contact between the worker and the product.

Research has proved that, thus modernized Elite has reached full 80% of its productive capacity, which is a very high percentage even according to international standards.

The rich experience gained by Elite has enabled its management to reorganize the Ce-De factory, acquired by Elite and moved from Bnei-Braq to Nazareth. The entire machinery of Ce-De has been replaced, and now it is satisfactorily competing with Elite on the local market: its sales turnover increased from IL. 4 million in 1950 to IL. 36 million in 1972/73.

A third enterprise of the Elite Concern is the fully-automated Instant-Coffee plant in Safad. During the few years of its operations which have been years of permanent cost increases the said plant has succeeded to cut its production costs by 10% ensuring a cheaper product of higher quality. Keeping up with the world trend Elite introduced Freeze Dried Instand Coffee to Israel which it also exports.

In March 1970, Elite further increased its share of the chocolate, sweets & instant coffee market by purchasing its biggest competitor, the Lieber Company Ltd. In its tradition, Elite has modernized the Lieber plant, and put it on a new, efficient and profitable basis.

The aggregate sales turnover of the Elite Concern is now totalling IL. 150 million per annum. Special attention has been paid to the expansion of exports, especially with regard to guarding Elite's renown abroad, as to quality of product and promptness in delivery. Elite has managed to conquer even the market of the Nes-cafe's homeland, Switzerland and U.S.A. The exports of the entire Concern last year exceeded $ 4,5 million. Elite has lately introduced new products such as a special quality "Mocca" coffee, produced by its Lydda plant and packaged by means of vacuum.

The Head Office is in Ramat-Gan, Tel. 731111, P.O.B. 19, Ramat-Gan.

IZHAR
OIL INDUSTRY OF ISRAEL LTD.

Founded in 1934, Izhar Ltd. grew to become one of the leading oil mills in the country. During recent years, the works have been re-equipped with various installations of latest design, securing a full measure of mechanization in the processing, conveying and packing of manufactured goods.

Built on an area of 6 acres in the industrial quarter of Tel-Aviv, the factory comprises plants for seed crushing, solvent extraction, refining and hardening of oils, as well as for the manufacture of detergents, cosmetics and toiletries. It specializes in the production of special edible oils and plays a leading role as exporter.

Izhar is marketing its products through its own marketing organization all over the country. The best known products for quality and originality are among others:

Edible Oils: Soya, cotton, corn, safflower — under the brand of Leshed. Specializes in salad oils, especially its Olive Oil is very much in demand.

Lecithin: For industrial purposes.

Detergents: Laundry soap and soap flakes under the brands of "Bayit" and "Gil". Washing Powder "Automat".

Ness Synthetic Detergents: Bioness washing powder containing enzymes. Ness Mutzak and Ness Paste for Dishwashing. Ness powder scourer. Ness liquid for general house cleaning. Ness-Kol for universal dry cleaning. Ness Ritzapon for floor cleaning.

Insecticides: Pagaz aerosol and tins.

Toiletries: Avocado skin nourishing cream, Toilet soaps and Shampoo. "Mem" Shampoos, Shaving creams. Mem-O-Pon Soapless soap. "Mem-Olive" Toilet soaps and shaving cream. Bio-Pon shampoos and hair creams. Yad-Chen and Bio-Chen Hand creams.

Tooth Pastes: Solidox, Solipass, Mem-Fluor.

Special Toilet Soaps: De-Odor — High quality Deodorant toilet soap. Du-Savon — High quality Synthetic toilet soap.

Special range for men: Aerosol. Mem Shaving Foam. Mem Razor Blades Stainless Steel. Aftershave and Mem Cologne. English Lavender Soap.

Many other products undergoing laboratory tests before entering production.

Subsidiaries: Somar Ltd. and Consolex Ltd.

Directors of the Company are Messrs.: Isaac Mitelman, E. Ezrachi, S. Seginer, S. Gottlieb, Z. Rudin, Joshua Mitelman, E. Rosenfeld, Y. Gilutz.

Plant and Offices: 52, Nachlat Izhak Street, Tel-Aviv, P.O.B. 823, Tel. 252444.



FRIONOR
NORWEGIAN
FROZEN FISH FILLET

Representatives:

NORTRAC

The Norwegian Trade Company
Nortrac - Israel Limited

SHEMEN INDUSTRIES LIMITED

SHEMEN INDUSTRIES LTD. was founded in 1924 and incorporated as a public company in October 1960 under the name "Shemen" Israel Oil Industry Ltd., which was changed in 1970 to SHEMEN INDUSTRIES LTD.

Registered share capital amounts to IL. 10,000,000; the principal shareholders are Hevrat Haovdim Ltd.; 8% Bearer Shares quoted on the stock exchange and held by the public.

SHEMEN is the largest industry of its kind in the country and manufactures under a number of well-known brand names edible oils, oil meal, linseed oil for paints, toilet and laundry soaps, soap powder, washing powders, detergents in liquid and paste form, toiletries and cosmetics. It employs about 550 people and owns extensive factory premises in Haifa and selling branches in Jerusalem, Tel Aviv and Beer-Sheva. A country-wide sales and distribution organisation covers the whole country.

Turnover is constantly on the increase, sales in 1972 amounted to IL. 94,992,000 of which IL. 15,360,000 was export sales.

Exports consist of soybean oil, cottonseed oil, olive oil, both crude and refined, soybean oilcake, cotton linters, lecithin, as well as various toilet articles. The main countries of export for the various kinds of oil and its by-products are as follow: Western Germany, Greece, Rumania, Cyprus, Australia, as well as a number of Far Eastern countries; lecithin is exported mainly to Holland, England and W. Germany; cotton linters to the U.S.A., Canada and England; soap and toilet articles, as well as olive oil, to 23 countries all over the world.

In 1970, the name of the Company was officially changed from "Shemen" Israel Oil Industry Ltd. to SHEMEN INDUSTRIES LTD. and the Board of Directors announced a policy of expansion and diversification which resulted in the acquisition of a number of subsidiaries: HELENE CURTIS ENTERPRISES ISRAEL (1967) LTD. in Tel Aviv, a franchise of the Helene Curtis Enterprises in Chicago, specializing in hair care, a men's line, as well as toiletries and fine cosmetics, with a sales turnover of about IL. 4 million per year; MATA FOOD INDUSTRIES LTD., the second largest manufacturers of margarine, cheese, soups, etc. in the country; the BEER-SHEVA FLOUR MILLS LTD., situated in Beer-Sheva; the JERUSALEM PAPER PRODUCTS (M.A.N.A.) LTD., specializing mainly in the production of continuous paper for computers, as well as other paper products; and YONAH — FISHING AND INDUSTRY LTD., with two factories, one for the canning of fish and the other — PRI-MESHEK — for the canning of fruit & vegetables; MESHI — HAIR PRODUCTS (JERUSALEM) LTD., in which Shemen Industries Ltd. owns 51% of the shares, manufacturing wigs; and ISRAEL SUGAR WORKS (1951) LTD., situated in Afula, in which Shemen Industries Ltd. owns 33% of the shares. In addition, Shemen has a manufacturing licence agreement with Messrs. Gala of London for the production and distribution of their Mary Quant line of products in Israel.

Managing Director: Benjamin Givli; Director and Marketing Manager: Avraham Uriel.

Premises: Head office and plant extend over an area of 76 dunams, situated in the Haifa Bay area and connected through a junction with the main railway system.

Address: 2, E. Tuvim St., P.O.B. 136, Haifa. Cables: Shemen, Haifa, Tel. 04-642181.

BEER PRODUCERS OF ISRAE:L

★ NATIONAL BREWERY LTD., NATHANYA

★ CABEER BREWERIES LTD., BAT YAM

★ GALILEA BREWERY, MIGDAL HAEMEK

The above listed three breweries are owned by the corporation headed by the Swiss industrialist Mr. William E. Robinson of Geneva, and the Bank Robinson of Basel, Switzerland.

These plants produce the local beer "Goldstar", "Nesher", "Malt" and "Abir", as well as the export brand known as "Maccabee". Its line of products also includes the soft citrus drinks known under the brand name of "Goldsun".

All the three plants employ some 700 workers who enjoy many of the side benefits available to employees of a big national concern.

PLASTIC INDUSTRIES MITZPEH-RAMON LTD.

This plant, owned by the Breweries of Israel, started operations in Mitzpeh-Ramon in 1966, specializing in the manufacturing of plastic cases for beer and other bottled products. These are produced in several colours, are easy to handle b yhand or forklift, and eliminate breakage of glass bottles giving the product a much more attractive presentation. The modern equipment of the plant has a productivity capacity of 800 smaller cases (24 bottles each) and bigger cases (30 bottles each) daily. It manufactures cases to order for other companies, such as Coca-Cola, and has recently diversified its range of products to include household articles of furniture such as chairs and kitchen equipment. Employemnt: 40 workers.

CROWN CORK MANUFACTURERS MITZPEH-RAMON LTD.

This plant, owned by the Breweries, was erected adjacent to the Plastic Industries Ltd. of Mitzpeh-Ramon, to manufacture crown corks for the parent plant. It employs 35 workers to a turnover of 250,000 crown corks annually. Started in 1965, the plant is the first in Israel to produce a crown-cork with an inner coating of a P.V.C. compound, to replace the former cork inserts. This new filling technique ensures maximum hygienic protection through the process of sealing the bottles. The production is carried out with great precision following the latest technical know-how, and is systematically supervised for quality control. The main customer for this product are the Breweries and the Goldsun range of products, although orders have been executed on special commission for other customers in Israel.

MAIN OFFICE: 90, REHOV HAHASHMONAIM, TEL-AVIV

PHONE: 265271 ● P.O.B. 7066 ● TELEX: 547

TEMPO LTD. TOWARDS ITS 20th ANNIVERSARY

Twenty years have passed since Mr. Moshe Bornstein, founder of the Tempo concern of combined enterprises and its director-general, has arrived in Israel. When he immigrated from Switzerland in 1952, he had rather modest plans, because at that time the soft drinks industry was at an ebb and over 100 (!) beverage enterprises were competing to supply the small satiated market with their products. Mr. Bornstein who owned, till the outbreak of the Second World War, a flourmill in Poland which he was forced to abandon at the time of the Nazi occupation, brought with him to Israel a formula for a new soft drink that conquered the market by storm. Many remember the first slogan "The Pure Drink in the Clear Bottle", that delicate and bubbling beverage in the original bottle with its lady-like pattern. In spite of the difficulties of the austerity period and the ebb in the beverage trade, people sipped "Tempo" all over the country. Thus started an uninterrupted line of development that made Mr. Bornstein the director-general of one of Israel's biggest industrial enterprises.

How was this achieved? How is a soft drink that is sold at a popular price turned into a combined concern manufacturing a long series of beverages, glass, plastics and operating the biggest cold storage in Israel? Mr. Bornstein tells us: "The new drink became immediately popular and very soon we found out that the main problem was how to execute all orders. Israel's economy was still in its beginning and took the first hesitating steps. We were short of bottles, corks, transport vehicles, skilled workers. When we established the first electronic eye control unit on the first filling-line in Holon, it was almost a sensation... In the 'fifties we had to cool water for the production and storage of the drink and the existing facilities were unsuitable for our needs. We built, therefore, cold stores in the courtyard of the plant at Holon and soon it turned out that they are self-supporting and become a business by itself. Thus the foundation was laid for the Tempo cold storage warehouses. The same story repeated itself with the glass. The quantities of glass manufactured in Israel at that time were insufficient and supplies were irregular. We discovered the sand conglomerates at Yeruham that enabled us to expand our production and to meet the requirements of the customers. In this case, too, the plants were profitable after a short while and we started manufacturing bottle-glass for other enterprises and for exports. Some ten years before the "Litre plus"-bottle we started producing the "litre"-bottle. We would not have achieved this unless we had established the Yeruham glass works. The same is true of crown corks and plastics. We found out that what we do not manufacture by ourselves, will not be available. We drew the right conclusions and today we are almost independent and capable of regulating ourselves the development of the concern".

The result, no doubt, are impressive: Tempo Ltd. supplies today over 60% of the bubbling drinks, 75% of the hollow glass needed in Israel and all meat imported into Israel passes the cold storage plants of "Tmpo" at Ashdod and Holon.

Mr. Bornstein celebrated the twentieth anniversary of his arrival in Israel with his family. In another year, when Tempo Ltd. will be twenty years old, he promises a real celebration. Till then — let us wish him success and further progress, for the benefit of all who are connected with "Tempo" and of the whole State of Israel.

FACTS AND FIGURES

■ In 1971, the Yeruham glass works produced 25,000 tons of hollow-glass. In 1972, the output reached 40,000 tons. The forecast for the end of the decade: 120,000 tons.

■ The cold-storage warehouses at Ashdod and Holon store 90% of the meat imported into Israel as well as a substantial part of the cold-stored foodstuffs in the country.

■ At Yeruham, all of Israel's wine and brandy-bottles are manufactured for the local market and for exports.

■ **Tempo glass exports:**
In 1970 — 156,465 dollars net.
In 1972 — two million dollars net direct and indirect exports.

■ **Sales of drinks:**
1970: 35.5 million litres = 177,500.000 bottles of 200 CC.
1971: 44 million litres = 220,000,000 bottles of 200 CC.
1972: 55 million litres = 275,000,000 bottles of 200 CC.

CIGARETTE MANUFACTURERS IN ISRAEL

DUBEK LTD. CIGARETTE MANUFACTURERS and its Subsidiaries

- DUBEK LTD.
- THE ISRAEL CIGARETTE CO. LTD.
- ASCOT CIGARETTES LTD.
- LOD CIGARETTES LTD.
- TOBACCO CENTER LTD.
- ALEI TABAK LTD.

The above six companies are united under the management of Dubek Ltd., the first cigarette factory established at the time in Israel on the basis of exclusive Jewish capital and labour.

While the Tobacco Center Ltd. and Alei Tabak Ltd. directly purchase the local tobacco from the growers at the villages and they store and manipulate same in their warehouses at Safed, Acco and Haifa — each of the four cigarette companies produces its own brands and is equipped with up to date machinery and installation, directed by experts in the field of tobacco and cigarette production.

The cigarettes produced: 92% are filter tipped, 60% of the blends are of American and English types and qualitatively the cigarettes produced can compete with the imported ones.

Dubek Ltd. is a public company with 2,929,333 ordinary shares of IL. 1.— each and 1,126,670 — 8% ordinary preference shares of IL. 2.— each. The total of the registered share capital amounts to IL. 20,000,000.

The members of the Board of Directors are:

Mr. M. Ben Peretz, Advocate, Haifa
Mrs. Sara Biderman, Tel Aviv
Mr. Abraham Dubrowsky, Haifa
Mr. Isaac Elleman, Tel Aviv
Mr. Martin Gehl, Herzliah (Pituah) — Chairman
Mr. Zorach Uriel Gehl, Ramat Gan
Mr. Haim Milstein, Tel Aviv

The Registered Office of Dubek Ltd. and of its Subsidiaries:—
33 Lilienblum St., Tel Aviv Tel. 51611
Cable address of Dubek Ltd.: DUBEK TEL AVIV
Cable address of The Israel Cigarette Co. Ltd.: PACICO TEL AVIV
Bankers: Bank Leumi Leisrael Ltd. H.O., Tel Aviv
FACTORIES ADDRESSES:—

- Dubek Ltd., 49 Rabbi Akiva Street, Bnei Brak — Tel. 784151
- The Israel Cigarete Co. Ltd. & Ascot Cigarette Co. Ld.: 59 Modiin Street, Bnei Brak — Tel. 785102
- Lod Cigarettes Ltd.: Hashmonaim Street, Lod — Tel. 962454
- Tobacco Center Ltd.: Industrial Zone, Safed — Tel. 30492

J. SASSOWER, LTD. — HAIFA

The company was founded in 1941 and is now one of the leading clearing and forwardings agents in Israel, handling especially bulky goods, such as grain and fodder, and industrial and agricultural equipment. During the last few years the company handled more and more exports to many countries all over the world.

In 1957, the company opened its own office at Eilat, and serves importers and exporters all over the country.

In 1960, the company entered a partnership for the construction of two Grain Silos in Haifa, with a capacity of 23,000 t., both of which have already been completed.

In 1966 the company started a Special Department for Airfreight, dealing with Imports and Exports per Air for Haifa and the North. J. Sassower Ltd. are representing in Israel the: Compagnie Française de Consignation et de Transit, Paris, and the Kersten Shipping Agency, New York.

Mr. I. Sassover, the General Manager, has been appointed Consular Agent of the USA in Haifa (1.9.1964).

The Main Office is located in Haifa, 37 Haatzmaut Road, P.O.B. 698, Tel. 669042, 663145-6; Eilat Branch: P.O.B. 94, Tel. 5484, Residence, Tel. 2255;
Ashdod Office — at the Port; Lod Airport Office — at the Export Shed, Tel. 971284.

★

CARMEN EASTERN

★

Travel and Tourist Dept. Co.
(1960) Limited

36, Lilienblum St., Tel-Aviv;
Phones: 55831, 55008

"NOA" COMPANY LTD.

"NOA" COMPANY LTD. was established in 1936 by the passenger and goods transport cooperative societies throughout Israel for the supply of all their transport requirements, spare parts, tires, fuel, etc.

"NOA" COMPANY LTD. is the Israel representative for all GMC — General Motors Corporation — bus and truck lines, PONTIAC passenger cars, and the complete range of GMC and PONTIAC spare parts and AC — U.S.A., England and France. The Company is a shareholder of the Alliance Tire Co. and "Delek" the Israel Fuel Corporation and is their principal agent.

The main offices and stores are situated at: Tel Aviv, 40 Hamasger Street, P.O.B. 20107, Tel: 31431/2 and 32744.

Branch offices and stores in Haifa are situated at: 94 Yaffa Road. Tel. 51369.

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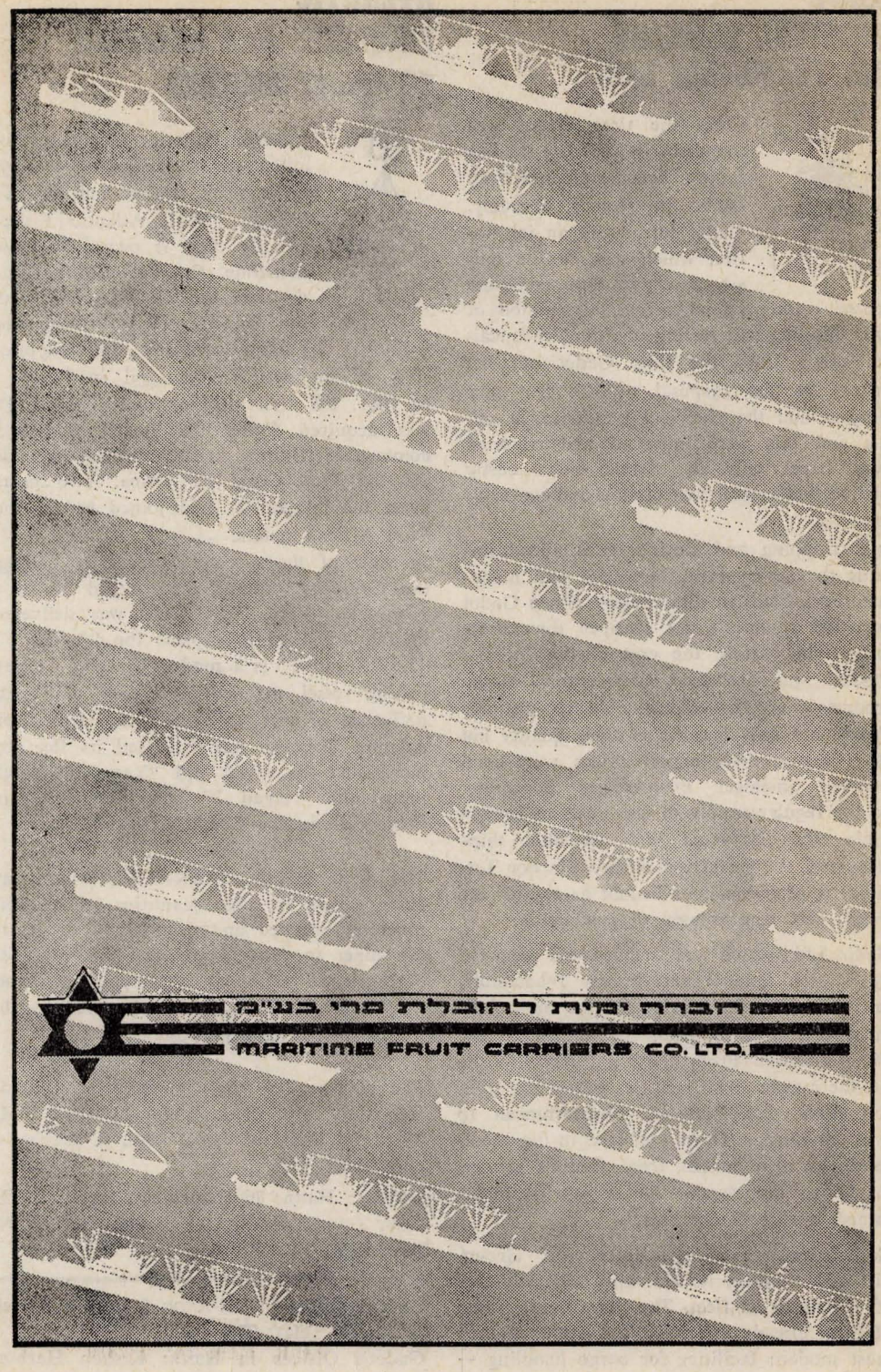
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Please contact:

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12, Petach Tiqwa Rd., Tel-Aviv
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חברה ימית לחובלת פרי בע"מ
MARITIME FRUIT CARRIERS CO. LTD.

GADOT CHEMICAL TANKERS AND TERMINALS LTD.

From the time Gadot was founded in 1959, it has rapidly become an important factor in Israel's economy. Gadot introduced an innovation which was, at the outset, most revolutionary and aroused certain apprehension, the method of bulk shipping and storing of liquid chemicals and oils. Until the time Gadot put her tankers at the disposal of the maritime shippers and the chemical industries, chemicals and oils were imported and exported from Israel only in barrels — a costly method that caused loss of time and expensive handling.

Bulk shipping and storing, gave added impetus to the chemical industries and manufacturers of oils in this country .Since Gadot imported chemicals far cheaper than those shipped in barrels, the cost of the finished product was decreased considerably. Israeli products were henceforth able to compete abroad not only because of their quality but also because their export prices were competitive. Chemical manufacture depending on the regular supply of chemicals of foreign origin has discovered that the bulk shipment and storage at the Kishon Harbor Terminal is of tremendous benefit as regards the speed, cost, and volume of production.

Gadot Ltd., which was founded and managed by Messrs. Shmuel and Moshe Johananoff, initiated a regular service for the bulk shipment of chemicals from the U.S.A. to the Mediterranean. From western Europe to the Mediterranean and Black Sea ports, and from the Black Sea Ports & Mediterranean to Western Europe. Other countries in the Mediterranean also benefit from Gadot's service, thanks to the regular tanker service maintained by the Gadot vessels.

Gadot, as part of the Johananoff Group, will now increase its activities with addition of vessels to its fleet. The new vessels, some of them already in service, are equipped with most modern facilities for cargo handling — including stainless steel tanks.

Gadot's Office in Tel-Aviv: 6 Jaffa Rd., Tel. 820121—7; Telex: 033—744.
Gadot's Offices in Haifa: Kishon Harbor; P.O.Box 1514; Tel. 66151/2; Telex: 044—701.

ATLANTIC FISHERIES AND SHIPPING COMPANY LIMITED

Atlantic Fisheries Company Limited was established in 1960 by Captain M. Brener and Mr. Y. Meridor, M.K. Atlantic Fisheries Co. Ltd. is owned by Panmaritime Oceanic Fishing Industries S.A. "ATLANTIC" is the biggest and only deep sea fishing company and supplies 70% of the sea fish demand in Israel.

In 1961, the first fishing vessel "Azgad 1" was acquired flying the Israeli flag and commenced fishing in the fishing grounds off the West Coast of Africa. Two years later, the "Azgad 2" had joined her in the West African waters.

In view of the success achieved in fishing, the Company ordered the "Azgad 3" in a Norwegian Yard. This vessel was delivered in January 1965 to replace the "Azgad 1". The "Azgad 3" is a modern freezing factory fishing vessel, manned by a crew of 42 experienced officers, technicians and fishermen. Atlantic Fisheries has increased its fleet by purchasing the vessel M/T "Yam-Suf" which joined the "Azgad 2" and "Azgad 3" in fishing along the South African Coast.

The fish, mainly "BAKALA", which are being caught in large quantities are cleaned, processed, packed and deep-frozen on board the super modern fishing trawlers. Majority of the catch is being transhipped to Israel by Reefer Vessels specially chartered by the Company for this purpose.

The bankers of the Company are : Bank Hapoalim Ltd., Bank Leumi Le'Israel B.M., Maritime Bank of Israel Ltd., & Jacob Japhet Bank Ltd.

Offices : Haifa, 76 Hameginim Street, P.O.B. 1938; Tel. 520451-3, 537575; Cable: ATFISH; Telex: 728-756.

THE ISRAEL PORTS AUTHORITY

The Israel Ports Authority (in Hebrew: Rashut Hanemalim) was established on July 1st, 1961, by the "Ports Authority Law of 1961". The Authority is defined by the law as a corporation empowered to acquire any right, to undertake obligations and to be a party in any courtcase and any contract. The functions of the Authority are to plan, build, develop, administer, maintain and operate the ports. The main principle in the operation of the Authority is that the Authority must administer the ports as a whole and each separate port as a self-supporting unit. Among other things, the law also defines a number of specific activities which require governmental authorization (e.g. the development budget, changes in port charges, etc.).

The Authority is governed by a 13-member Board, appointed by the Government and consisting of 7 representatives of the public (shipping, the Citrus Markeing Board, the Histadrut-Labour Federation, the Manufacturers' Association and the Haifa Workers' Council) and 6 representatives of Government Ministries (Finance, Commerce and Industry, Transport, Development, Agriculture, and Interior).

The Operational Budget for the year 1972/73 amounted to IL. 332 million. The ports' income is derived from services which the ports supply for passengers, ships and cargoes and also from various fees, etc. The expenditure of the ports includes payments to contractors for cargo handling, as well as wages and salaries, maintenance, administrative costs, development fund, pensions, indemnities, etc.

The budget of the Israel Ports Authority includes items for various research and educational activities. In order to increase the ports' efficiency through the cooperation of workers, the budget includes items for workers' vocational training.

The Development Budget for the year 1972/73 amounted to IL. 77 million, of which IL. 20 million will be used for the acquisition of equipment for handling containers at the ports. The remainder will be utilized for developing the ports including construction of container terminals and new wharves, deepening of the harbour by dredging, construction of additional warehouses, etc.:

Port of Haifa and Kishon Zone — IL. 21,5 million; Port of Ashdod — IL. 30 million; Port of Eilat — IL. 5 million.

Israel's foreign trade is being expanded continuously, affecting the port's activities and putting new challenges before them.

Actual cargo movements in all ports in 1972/73 was 8,4 million tons, which, it is expected, will be 18 million in the coming 10 years. The total cargo handled in 1972/73 was divided as follows: Haifa Port 52%, Ashdod Port 39% and Eilat 9%.

Bearing this in mind, the Israel Ports Authority plans new facilities besides reorganization, and the use of more efficient methods in order to give the public good service.

The Israel Ports Authority's Director General is Aluf (General) Aharon Remez (Res.).

The head offices are in Tel-Aviv 67215, 74 Derech Petach Tikva, P.O.B. 20121; Phone: 03-38911; Cables: Rashutnam; Telex: 03-677.

ZIM
ISRAEL NAVIGATION COMPANY LTD.

Zim Israel Navigation Co. Ltd. is Israel's National Maritime Company, providing cargo services throughout the world. The Company was established on June 7 1945, jointly by the Jewish Agency, the Israel Federation of Labour (Histadrut) and the Israel Maritime League, on the initiative of David Remez, Israel's first Minister of Transport. The Government of Israel joined the partnership in 1959, and in 1970 the Israel Corporation acquired 50% of the shares held by the Government leaving 30% to the Government and the rest, 20%, divided between the Histadrut and Jewish Agency. The registered share capital of the Company amounts to IL. 160,000,000 and the total issued capital was 120,000,000 IL. In the beginning the Company owned one passenger ship 'Kedma' of 3500 tons gross, in partnership with a British Company, and today she owns a fleet of 73 vessels totalling about 1,878,000 tons.

The Company's ships are of various types and sizes — 75% of which were built in the last 10 years. They comprise 58 cargo ships of various categories and sizes, and 9 bulk-carriers as well as 10 tankers which are among the most up-to-date ships in the world.
Zim has its main office in Haifa and maintains 38 branch offices, and is represented by about 250 agents throughout the world. She is a member of 45 cargo conferences.
"Zim's" development plan now includes an order for new ships with a tonnage of 1,500,000 and an investment of 400 million dollars.
With the completion of this program Zim will be running a Merchant Fleet of 4 million tons.
The approved development plan comprises the following orders for ships:— 2 Roll-on/Roll-off ships, 1 Container-vessel with capacity for 760 containers of 40-feet and a speed of 23 knots, 2 Clyde cargo vessels with a deadweight of 18,000 tons each, 2 Supertankers of 225,000 DWT each, Tankers & Bull carries with a tonnage of 1 million ton D.W.

The Company, in addition to being ship-owners, also participates in 77 various enterprises, and founded a number of subsidiaries including:
Dizengoff & Co. — General Agents in Israel for freight.
Alhout Yam — Purchase & Maintenance of the fleet's electronic equipment.
Layam Co. — Ship's Chandlers.
"Kedem" Landbridge.
Zim American-Israeli Shipping Co. Inc.
Mediterranean Agencies, etc.

Today Zim operates the following regular world-wide lines:

Three Continent Lines, Israel — USA — Far East,
U.S. East Coast Line — Zim Container Service,
North America Gulf Line,
Europe Lines,
Eost Coast U.K. Line — Container Joint Service,
West Coast U.K. Line — Container Joint Service,
Mediterranean Lines,
Adriatic Line,
Black Sea/Turkey Line,
West Africa Line,
Eilat — Africa Line,
Red Sea Line,
Eilat — Persian Gulf Line,
Eilat — Far East Line,
Eilat — Australia Line,
Gold Star Line,
Seven Star Line.

Chairman of the Board of Directors — Mr. Michael Tzur;
Managing Director — Mr. Moshe Kashti.

Main Office: 209 Hameginim Avenue, Haifa, P.O.B. 1723, Tel. 643311.
Cables: ZIMLINES HAIFA.
Telex: 044-814/5.
Tel Aviv Branch: Zim Israel Navig. Co. 'Migdal Shalom'; P.O.B. 29442, Tel-Aviv, Tel. 033815; Phone 54111.
Cables: ZIMLINES.

M. DIZENGOFF & CO. LTD.

M. Dizengoff & Co. Ltd. is a major firm of Shipping and Protecting Agents at Israeli ports.
The firm was founded in 1905 and is one of the oldest and largest ships' agency in Israel.
In time the firm has expanded her business and is now handling about 70% of all the traffic at Israeli ports.
They have large organizations with competent staff at the 3 Israeli ports of Haifa, Ashdod and Eilat.

The shipping concerns which they represent in Israel are:
The Israeli-National Maritime Co. — ZIM Israel Navigation Co. Ltd.
The Roumanian State Line, NAVROM, Roumanian Maritime and Fluvial Navigation, Constanza
E.B. Aabys Reederi A/S, Oslo
American President Lines, San Francisco
East Asiatic Co. Ltd., Copenhagen
Leo Adams Reederei, Hamburg
Transport Commercial Corporation, New York
Ion S. Livas, Athens
Standard Marine Hellas, Piraeus
Zim-Sela Mediterranean Lines, Haifa
Compagnie Generale Transatlantique, Paris

The firm is specialized in the handling of oil and chemical tankers and is running a regular Coastal Service from Israeli ports to Cyprus, Turkey and Greece.
They also represent all Major Protecting & Indemnity Associations.
In conjunction with Messrs. ZIM they operate Landbridge for the transportation of goods from Mediterranean ports to the Red Sea and Far East ports.

Managing Director: Mr. Wolfgang Lazarus

Main Office: 42/44 Haatzmauth Rd., Haifa, P.O.B. 300, Tel. 643371, Cables: DISHIP. Telex: 04 861.
Ashdod Branch: P.O.B. 4001, Tel. 21581, Cables: DISHIP. Telex: 03-814 or 03-836.
Eilat Branch: P.O.B. 11, Tel. 2146, Cables: DISHIP. Telex: 07729.

SWISSAIR

The Swissair Representation in Israel was established in 1947 in the Palatin Building, Tel Aviv, by Dr. B. Weinert, who was its first Representative. In those days, the company's aircraft flew from Switzerland via Lod to Cairo airport and back once a week. The closing of Lod airport during the War of Independence caused the cessation of flights, but they commenced again as soon as the shooting stopped. During the Sinai Campaign, the company continued flying as usual except for the cancellation of one flight. In 1958, a second flight was introduced; in 1960, Swissair switched to jet planes in its flights to Israel and increased them to three-weekly flights. In 1961, Swissair in Israel began to arrange organized tours and in 1963, became the pioneer in group-flights to Israel. By 1970, the company had opened

two additional offices in Tel Aviv, one at 41, Ben Yehuda St., and one at the Tel-Aviv Hilton; it had already an office in Haifa on Mt. Carmel and a representative in Jerusalem. The frequency had grown to 7 jet flights a week and the number of employees to 40.

During the Six Day War, the general management in Zurich showed its faith in Israel : the last plane to leave Israel on the morning of June 5, 1967 and the first plane to renew Israel's ties with the outside world on the morning of June 8, 1967, were both Swissair planes.

In 1969, Mr. Bruno Greif has been appointed General Manager of Swissair in Israel, which today maintains six offices, employs a team of 70 and operates 9 weekly flights between Israel and Switzerland, with excellent connections — worldwide !

The Head Office: Tel-Aviv, 28 Achad Haam St.; Tel. 59328.

CARGO SHIPS "EL-YAM" LTD.

Cargo Ships "EL-YAM" Ltd., which pioneered Israel tramp shipping, was established in 1952 by an investment subsidiary of the Israel Discount Bank with the participation of Israel and foreign investors.

"EL-YAM" was established for the purpose of developing a new activity of the Israeli Shipping, i.e. transportation of bulk cargoes between foreign ports as well as to and from Israeli ports.

"EL-YAM" started operation with 3 old 10,500 tons deadweight liberty ships, but anticipating development. Soon after its establishment embarked in a bold and imaginative new building program.

Recognizing the economic advantages of large bulk carriers and foreseeing the demand of the world economy for an efficient means of transportation of cheap bulk commodities, the Company ordered as early as 1956 its first bulk carrier, the M/V HAR SINAI, of 23,000 tons deadweight which was followed by further bulk carriers of increasing size of up to 77,500 tons deadweight.

In a period of 21 years "EL-YAM" and its subsidiaries have grown to own a fleet of modern vessels aggregating 1,500,000 tons deadweight and representing an investment of $ 200,000,000. The average age of the Company's vessels is 4.2 years.

The Company maintains offices at Haifa: 3 Habankim Street; Telex: 04608; Telephone: 522251; P. O. Box 182; at Tel-Aviv: 16 Simtat Beit Hashoeva; Telex: 033734; Telephone: 624486; P.O.Box 23303; and at Ashdod: 43 Shavei Zion St.; Telephone: 24438.

ISRAEL SHIPYARDS LTD.

Israel Shipyards Ltd., was founded in 1959, upon the Government's decision. Production started in 1962/1963. Its principal activities are ship building, ship repairs and metal and aluminium work. Basic planning and know-how were acquired from the Dutch shipyard De-Schedule. Paid up share capital amounts to — IL. 12,652,608 (including payments on account of shares) and is held by the Government.

The total number of employees is 740, among them about 80 technicians and engineers, the majority of which were trained at the Yard.

So far, 27 vessels have been built by the Yard, including cargo vessels, naval craft as missile boats, dredgers and floating docks. A 20,000 tons lifting capacity floating dock was sold to Greece and a similar one is now at final stages of construction.

The present facilities enable the yard to construct vessels up to 14,000 ton D.W.

Development plans include the completion of a second berth, increasing the Yard's building capacity of ships up to 300,000 D.W.T. in the next decade.

Managing Director : Mr. I. Libertovsky.

Plant : Israel Shipyards Ltd., Haifa ; P.O.Box 1282; Tel. 724401; Cables: ISRAYARD; Telex : 04-634.

THE LOD AIRPORT – MAIN GATEWAY TO ISRAEL

HISTORY AND DEVELOPMENT

The construction of Lod Airport was started by Public Works Department of the Palestine Government in 1936. Completed in 1938, the airfield was at the time one of the world's largest. It served not only British strategic needs, but became also the crossroads for Middle Eastern air transportation. Traffic at Lod Airport steadily increased until the outbreak of World War Two, when it became a most useful base for the Royal Air Force, the United States Air Force and the Royal Australian Air Force. Civilian traffic was again taken up only at the end of hostilities. In 1948, when the British Mandate on Palestine terminated and the British troops withdrew from the country, the British authorities purposely at the Lord airport in hands of the Transjordan invading forces of the Arab Legion; the Jewish own defence forces, members of the Haganah underground, had to fight and reconquer the important strategic position from the enemy.

LOD TODAY

During the past 22 years, Lod Airport developed into an important international centre, used by eighteen foreign world-wide carriers, as well as by the Israeli National Airlines EL-AL, on their scheduled flights; El Al National Airlines catering to about 50% of the traffic and using Lod as its home base.

From the original 800 m. length and 45 m. width, Lod Airport runways have been enlarged to meet th growing needs for the Jet age. Today, the airport has three runways, as follows:

12—30 — 3040 m. × 45 m.

08—26 — 3675 m. × 45 m.

03—21 — 1800 m. × 45 m.

During the period between 1950-1969, the main Terminal building and adjacent structures have been enlarged several times and modernized as far as possible to accomodate the growing needs of a huge, expanding traffic; the navigational and landing aids have also been improved, alongside with the corresponding ground services and facilities, to meet international standards. The development plans for the near future provide for the erection of a new Terminal for Arriving Passengers.

PLANS FOR THE FUTURE

During the year 1970/71, 1,400,000 passengers and a total cargo of 30,000 ton have passed the airport; for the future, the forecasts are: 2,000,000 passengers and 100,000 ton cargo for 1975.

In the current year, Lod Airport has employed 800 workers; its income amounted to IL. 28 million. For the forthcoming development period, 1969—1974, the investment in new facilities will reach, approx. IL. 250 million.

General Manager: Mr. Shmuel Kislev.

Address: Lod International Airport,
Tel. 972615, P.O.Box 7, Telex: 1127.

ARKIA

ISRAEL'S INLAND AIRLINES

LIMITED

A joint enterprise of EL-AL Ltd. and Hevra' Ha'Ovdim (The Workers' Corporation — the economic instrument of the Federation of Labour, Histadrut), Arkia was established in 1950, but its origins date back to the time of the British rule in Palestine, when two labour leaders, the late Dov Hoz and Ya'acov Ben Itzhak came to the conclusion that the fighting Jewish Yishuv may need in the future some means of its own in the realm of air communications. They first put up the "Aviron" Ltd., a very small enterprise which operated some very primitive equipment: yet, those first "Jewish" autonomous wings, and the men that learned to fly them, proved their worth with the start of hostilities leading to the 1948 War of Independence; as a matter of fact, they have formed the nucleus to Israel's proud Air Force today.

Arkia started its operations in 1959; in 1957 it operated Dakotas (D.C.3) until April 1964. On 1964, Arkia Ltd. introduced the British Handley-Page jet-prop airlines, marking the beginning of the jet era in Israel's internal air network: now, four Heralds and five Viscounts-830 form its backbone, enabling Arkia Ltd. to operate a variety of internal routes.

Arkia's Internal routes: The inland routes of the Company cover virtually all existing airfields in the country, as follows:

1. Tel-Aviv — Eilat;
2. Tel-Aviv — Rosh-Pinah;
3. Tel-Aviv — Massadah.
4. Jerusalem — Eilat;
5. Jerusalem — Rosh-Pinah;
6. Jerusalem — Haifa;
7. Haifa — Eilat;
8. Lod — Sharam-El-Sheikh;
9. Tel-Aviv — Abu-Rodez;
10. Lod — Har Sinai (St. Catherina).

The Eilat Route. The first pioneers to settle in Eilat had hard times, being practically cut-of from the rest of the country; Arkia Ltd. decided to establish the air route to Eilat, despite serious doubts about the rentability of this enterprise. Indeed, for a long time Arkia was practically the only link between Eilat and the North, flying such passengers as expectant mothers, hospital patients, or vital cargo as food and water... later, Arkia was instrumental in the development of Eilat as a tourist center. With the start of work on the Desalination plant and at the Cooper Mines, Arkia proved to be of vital importance. Today, a fleet of 4 Heralds and 5 Viscount-830 ensure 12—14 daily flights to Eilat.

The Massadah Route. Two regular weekly flights serve the residents and the employes of the Dead Sea Works, as well as visitors and patients coming to the Hamey Zohar Mineral Springs.

The Upper Galilee Route. Inaugurated in 1958, this route proved itself, after a short trial period, to be highly justified: traffic increasing steadily, heavy especially in summer, a new passenger terminal has been erected at the Ya'acov Ben Itzhak Airfield in Mahnayim, Upper Galilee. Arkia maintains there daily flights, with up to five scheduled daily flights in the summer months.

Jerusalem Route. The newest in the Arkia network is the Jerusalem Route, operating daily flights to Eilat, Rosh Pinah (Makhnayim), Haifa and Tel-Aviv.

Other Routes. Special flights are operated to Sinai (including Mount Sinai and Santa Catherina Monastery, Sharm E Sheikh, the Gulf of Eilat, Massadah, etc.).

Arkia's development is illustrated by the increase in its passengers. From 13,500 in 1950, Arkia grew to about 80,000 in 1960 — and reaching over 700.000 passengers in 1971.

Managing Director is **Mr. Lew Bigon.**

Head Office: 88, Ha'Hashmonayim St., Tel-Aviv; P.O.B. 834; Tel. 266161; Telex: 831.

EL AL ISRAEL AIRLINES

אל-על נתיבי אויר לישראל

"EL AL" was established in 1948, as Israel's national air line. Commercial operations commenced in July, 1949, with DC-4 Skymasters flying from Israel to Rome and Paris. Service was expanded to other cities in Europe and, in 1950, to New York and Johannesburg.

A second round of expansion and improvements took place in 1957 when Bristol Britannia jet-propelled planes were put into operation on the Company's main routes.

In 1961, after painstaking evaluation, EL AL chose the big Boeing 707 jet-liners, powered by Rolls Royce Conway by-pass engines, as one more step in improving and modernizing its service. These 707 jets were put into service on the Company's long-range routes. The turbofan Boeing 720s were selected for the medium-range routes of EL AL. They are powered by Pratt and Whitney turbofan engines and are even faster, although a little smaller, than the 707's.

EL AL's fleet of modern aircraft consists of 12 Boeing Jets, including two Boeing 747 B giant jets which were introduced in 1971.

EL AL retained a high overall transatlantic load factor over the years and its share of Lod Airport traffic amounts to about 50%. The share capital of El Al is predominately owned by the Government of Israel with the balance held by the Jewish Agency, Zim, and the Histadrut.

Head Office: Lod Airport, Tel. 971333.

אל-על נוסדה בשנת 1948, כחברת תעופה לאומית. פעולותיה המסחריות של החברה החלו בשנת 1949, שעה שמטוסי „סקיימסטר" קיימו את הקשר בין לוד לבין רומא ופריז. שרותי החברה הורחבו בשנת 1950 כשמטוסי אל-על החלו לטוס לנקודות נוספות באירופה, לארה"ב ודרום אפריקה: הפעם נוספו לצי החברה 4 מטוסי „לוקהיד-קונסטליישן". שלב נוסף של שפור והתרחבות הושלם בשנת 1957, שעה שנרכשו 4 מטוסי מדחף-סילון מדגם „בריטניה". אל-על היתה אחת החברות הראשונות אשר הפעילו את מטוסי הבריטניה בקווים הבינלאומיים והטרנס-אטלנטיים.

בשנת 1961, נוכח הכנסת מטוסי הסילון לשרות של מרבית חברות התעופה הבינלאומיות, הוחלט לרכוש את מטוסי הסילון הענקיים מדגם „בואינג 707" המונעים ע"י מנועי „רולס רויס". כדי לשרת את קוויה הבינוניים של אל-על, נבחר מטוס ה„בואינג 720" הדומה ביותר למטוס ה„707" פרט לעובדה שהינו מונע ע"י מנועי מניפת סילון מתוצרת פראט אנד וויטני. מטוס ה„בואינג 720" הינו מהיר במקצת מה„707" ומתאים יותר לנחיתה והמראה משדות תעופה קצרים במיוחד.

בנוסף לטיסות הרבות בין ארה"ב וקנדה ונקודות שונות באירופה, נוספו אף טיסות אחרות בין תל-אביב לערי אירופה. אל-על מקיימת טיסות סילוניות ללונדון, פריז, ציריך, ג'נבה, רומא, אתונה, וינה, מרסיי, בריסל, אמסטרדם, פרנקפורט, מינכן, בוקרסט וקופנהגן. בנוסף לכך טסים מטוסי אל-על גם לטהרן, ניירובי, יוהנסבורג ואדיס אבבה.

צי מטוסיה החדישים של חברת אל-על מורכב מ-12 מטוסים חדישים. החברה מפעילה, החל משנת 1971, שני מטוסי „בואינג 747" (ג'אמבו).

המשרד הראשי: נמל התעופה לוד, טל. 971333.



LUFTHANSA
GERMAN AIRLINES

For 18 years, we have been conducting international flights. With an air service time table which connects 105 cities on all continents of the world. A total flight route of almost 403,257 kilometers.

Flown by a jet fleet consisting of Boeing jets and the new wide-body jet McDonnel Douglas DC 10.
For short hops, we have the Boeing 737; for medium distances, the Boeing 727; for long distances, the Boeing 707, the great Boeing 747 and the DC 10.
At the present time we have 79 jets.
Last year, we were able to convey 8,523,201 passengers in them, thanks to the IATA travel agencies and our staff of 22,888.

Who owns us? We are a joint-stock company, whose stocks, for the most part, belong to the Federation. Another part is in the hands of private investors.

What do we own? We have a subsidiary company, Condor Flight Service. It handles our charter service. The Lufthansa Service Company is one of the largest airline caterers.
It supplies not only our airline, but also 60 others.

We also have a share in hotel companies. The German Hotel Company and the Intercontinental Hotel Corporation in Germany. As you can see, we offer you more than just a flight.

203 Lufthansa offices are at the disposal of passengers on international flights.
In 75 countries.

In Israel, you will find us in Tel Aviv, 75, Hayarkon Street (Park Hotel), Telephone 5 30 30.

לופטהנזה,
קוי אויר של גרמניה

מזה שמונה־עשרה שנה עוסקים אנו בתעופה בינלאומית. לוח־הזמנים שלנו מקיים קשרי אויר סדירים ב־105 כרכים בכל היבשות. הרשת מסתכמת בסך־הכל של 403,257 ק"מ **טיסה בקירוב.**

הטיסות כולן נערכות במטוסי־סילון בואינג ובסילון המרווח החדש מק־דונל דוגלאס די סי 10.

ברשותנו בואינג 737 למרחקים קצרים; למרחקים בינוניים אנו משתמשים בבואינג 727; ואילו לטיסות ארוכות־טווח משמשים המטוס בואינג 77 וכן הבואינג הענק 747 ומטוס הסילון די סי 10.
בשעה זו נמצאים ברשותנו 79 סילוני בואינג.
בשנה שעברה הסענו 8,523,201 נוסעים, הודות לסוכני־הנסיעות של יאטא ול־22,888 העובדים שלנו.

מי הבעלים שלנו? אנו הננו חברת־מניות משותפת, אשר מניותיה שייכות ברובן לפדרציה; חלק מהן הוא בידי משקיעים פרטיים.

מה נמצא בבעלותנו? ברשותנו חברת־בת, שירותי־טיסה, קונדור בע"מ. היא מטפלת בשירותי הצ'רטר שלנו. חברת־השירות, לופטהנזה, היא מן הגדולים שבספקי השירותים האוויריים; היא הגישה שירותים לא רק לעצמנו אלא אף ל־60 קוי־תעופה נוספים. כן יש לנו חלק בחברות־מלונות. חברת־המלון הגרמנית וחברת המלונות אינטרקונטיננטל. עיניכם הרואות, כי בידינו לשרתכם לא סתם בהטסה בלבד.

לשירותם של נוסעינו הבינלאומיים עומדים 203 משרדי־לופטהנזה, פזורים ב־75 ארצות.

בישראל תמצאונו בתל־אביב, רחוב הירקון מס' 75 (מלון פארק) טל. 53030.

Lufthansa



Lufthansa flies direct to Frankfurt.

From here our short-range Boeing 737 Jets link 8 German towns and their shopping-centres, Schwabing in Munich, the Jungfernstieg in Hamburg, or the "Kö" in Düsseldorf. If you want to go shopping in Germany, ask Lufthansa about it. Lufthansa will tell you where to go (for example, where to buy world-famous leather goods at reasonable prices).
There are Lufthansa offices in 30 German towns.

Lufthansa



לופטהנזה טסה ישר לפרנקפורט

ומכאן מחברים סילוני הבואינג 737 קצרי־הטווח 11 ערים גרמניות על מרכזי־הקניות שלהן: שוואבינג במינכן, ה„יונגפרנשטיג" בהמבורג, או ה„קיי" בדיזלדורף. אם חשקה נפשך לערוך קניות בגרמניה, שאל את לופטהנזה ויגדך.
לופטהנזה ידריך אותך היכן ומה, כגון: היכן לקנות מוצרי־עור בעלי שם בינלאומי במחירים נוחים.
משרדי לופטהנזה מצויים ב־30 ערים בגרמניה.

לופטהנזה

TWA
is what travel should be.

Not just a slogan—
but a commitment.



EGGED
ISRAEL TRANSPORT SOCIETY

When war broke out, on Yom-Kippur, as in the other Israeli wars, the Egged bus-drivers were the first to be called to the flag and to form the well-known Egged transport units. Egged Bus Company transported all the reservists who were called up that day. They were driven from their points of meeting to their units, and from their to the battle-fields. More than 2,500 buses were taken by the army on Yom-Kippur. And the army took the drivers, too. On that special, holy day — Egged was told to operate as on any other ordinary day of the week, and started sending out buses for public use, so that people could go freely from one place to the other.

The Egged buses were sen all over in war tim — in the Golan Heights and in the Sinai desert — actually everywhere. When some buses were discharged by the army, so the civilian transportation system could carry on more regularly, the army enlisted most of the Egged drivers as reservist soldiers. This, of course, made it necessary to shorten the time of service, but the pubic understood the situation and edured it, because it was obvious that Egged did its best to give the public the best service it could give, during war time and during the time which followed.

The longest route ever run by Egged Bus Company: from Kiryat Shmona; via Tiberias; the Jordan Valley; and along the Dead Sea to Eilat; was inaugurated in 1973. Thus has the bus cooperative considerably expanded its services, since the opening of the Sinai route to Ismailia in 1968.

1973 was a year of expansion, especially concerning new busses. Egged now has more than 3200 busses in its fleet — most of them new. Those which operate in the Jordan Valley are air-conditioned, and the trend is to have more busses like them operating on the inter-urban routes.

This year, Jerusalem was given priority, and nearly 150 newly-designed busses were added to the 350 busses already serving the city's population.

As it did last year, Egged has succeeded in satisfactorily fulfilling great assignments such as the military parade held in Jerusalem on Israel's 25th anniversary, the 3-day march and so forth...

Egged was formed exactly 40 years ago, when four small groups merged and created one large cooperative, given the name "Egged" which means: To Gather. Since 1933, other groups have joined Egged, and in 1950 two big companies: Drom-Yehuda and Shahar together with Egged, formed the biggest transport company in the Middle East. Seven years ago the Hamkasher Cooperative from Jerusalem joined, and it is only a matter of time until the Dan Cooperative of Tel-Aviv closes the circle — putting all public transport in Israel under one roof.

Every morning at dawn, when the people of Israel are still asleep, thousands of Egged drivers start their busses' motors, and thus begin their day's work — keeping the public transport in Israel in good hands. Nearly 9,000 of the cooperative's members and workers strive everyday to do their utmost to serve the passengers: men going to work, students, tourists and others.

There are more than 400 luxury sight-seeing busses, specially reserved for domestic and foreign tourism. These busses and thousands of others carry 1.5 million passengers a day, with a yearly income of nearly 500 million IL.

Egged has built more than 20 new central stations and is now completing construction of one of its biggest stations — in Haifa — to be opened. To run this big business, Egged has a council newly elected every four years, within which a directoriate of 46 members is nominated, as well as a 12-man secretariate to head the departments and manage the cooperative's affairs.

Egged is a cooperative and as such its thousands of members carry the weight and the responsibility of handling Israeli public transport. As a guest of the government once said while visiting the country: "It takes a cooperative and only a cooperative to run such a wonderful and efficient public transport system as you have in Israel."

DAN COOPERATIVE SOCIETY FOR PUBLIC TRANSPORT LTD.



Public transport in Tel-Aviv began with a six-passenger "Dilligence bus" (today a colectors' item) which wended its way over stone-paved roads, stopping occasionally to let a camel caravan pass. Tel-Aviv was fifteen years old. In the "twenties", Hama'avir (Dan's fore-runner) began to run 10 buses on three routes. In course of time, the small suburban lines joined this cooperative, and throughout the pre-state years served the public faithfully; braving ambushes in the riots of '29, '33 and '36, when public transport was a first-priority target; during the Second World War, when many members joined the British army and Haganah and in the War of Independence serving in military operations as well as maintaining its civilian services.

Dan today employs 3,000 workers and 1020 buses, operates about 79 routes, 19 hours a day. Five main garages and parking areas are in continuous operation 24 hours a day. Dan transports daily nearly 1,000,000 passengers through jammed traffic; an essetial service, without which Tel-Aviv and its environs would be paralysed.

Dan is a cooperative, holding a general assembly annually. The members elect, by secret ballot, a 39-member Council and within it a 15-member Directorate, as well as a six-man secretariat whose members head the departments that actually manage the cooperative's affairs.

1. The Secretarial Centre is the clearing house of the cooperative's outside contacts with Government, Municipality and Histadrut bodies in current and organizational matters. It also has a public relations and special events division, for both internal end external, directed by Aron **Shani,** who acts also as spokesman.

The Members of the Secretarial centre are as follows: Chairman, Yosef **Horovitz,** in charge of External dpt.; Mr. **Yair Ankori,** head of Financial dpt.; Mr. **Moshe Spector,** head of Traffic dpt.; Mr. **Yehuda Yerushalmi,** head of Establishment dpt.; Mr. **Uzi Eshkol,** head of Internal & Manpower dpt., and Mr. **Benni Atlas,** head of the Planning dpt.; Mr. **Itshak Yardeni,** in charge of the Tourism dpt.

2. The Establishment Department is responsible for the cooperative's 1020 Diesel powered buses, 5 garages and 4 parking areas, handling maintenance, testing, cleaning, spare parts, fume prevention, etc. 842 of the buses are new, 100 acquired this year to facilitate service on the heavily burdened lines. The number of buses being serviced at any time does not exceed ten per cent of the floet. New mechanized cleaning equipment is now on order.

3. The Financial Department deals with the monetary business, the annual budget, and the yearly battle over fares. Dan's fares are 30-50 per cent lower than those in the U.S. and Europe.

Dan is running at an annual deficit, to which the authorities' attention must constantly be called, if corrective measures are to be taken.

4. The Internal and Manpower Department is in charge of supplying members and employees daily required, traffic and other departments. It deals with wage problems, conducts a daily role call. The cooperative employs 3.135 persons, of whom 2,000 are members, 755 permanent hired workers, 499 temporary employees and 170 apprentices, 1,850 drivers work every day. Dan conducts a drivers' school and an apprentice school for technical trades, as well as sports, cultural and social events, etc.

5. The Traffic Department schedules regular service on Dan's 80 routes. In this traffic jungle of 700,000 inhabitants, Dan is taking interest in plans for thoroughfares, now projected, which will enable the cooperative to carry out its duties.

6. The Organization and Planning Department is in charge of mechanization, as well as training of employees, study of work methods, plans for efficient utilization of staff and equipment, individual premiums for drivers, and team premiums for maintenance staff.

The cooperative also operates a special division for tours and special trips.

"Dan" succeeded in creating a transportation system which is unique in its kind in the

world, and yet the Cooperative has to lead a daily struggle for its survival. WHY ? because the circumstances under which the Cooperative operates are bound to prevent a profitable and sound economic development. "DAN" operates within a limited area, with no possibility to expand; the overall number of passengers tends to decrease, whereas the traffic lines get from day to day more jammed and the commercial speed rate of every single vehicle is consequently lowered; fare rates are kept, by the Government's Policy, at the world's cheapest level — which of course does not encourage rentability and possibilities for development and growth.

Now "Dan" aims to bring, about as quick as possible, an overdue change of policy, as previouslv recommended by a Government Commission, namely:

1. to enable "DAN" to expand on inter-urban lines;
2. to provide special lanes for buses within the city;
3. to permit a reasonable fare in order to make the enterprise profitable;
4. to enable the Cooperative to use its know-how and potential capacities for the benefit of both the passengers and the enterprise.

Head Offices: 39 Shderot Shaul Hamelech, Beth Hadar Daphne, Tel-Aviv; Tel. 253411.

PELTOURS LTD.

The Company, which was founded in 1920, is not only the oldest, but also the largest in the fields of travel, tourism and insurance brokerage in Israel. Operating originally under the auspices of the Anglo-Palestine Bank and the Jewish Agency, it was taken over in 1964 by South African Zionists, and is now a wholly-owned subsidiary of Peltours International Ltd.

The Company has its own offices in Tel-Aviv, Jerusalem, Haifa, Rehovoth, Hadera, and Nathanya, and associate offices in London, Johannesburg, Cape Town, Durban, New York, Paris, and Frankfurt in addition to a network of agents and correspondents giving the Company world-wide coverage. The Israel offices employ a staff of over 320 persons.

In the travel field, the Company is the agent of all air and maritime services and of most European rail and bus companies. It is General Agent in Israel for Holland-America Line, Holland Africa Line, Europe-Canada Line, Orange Line and agents in Israel for Carpati (Rumania) and others.

Peltours has its own Tourist Division, handling incoming tourist traffic for the majority of important tourist companies all over the world and specialized Congress and Convention Department. It also has its own department for the arrangement of Overseas Inclusive Tours.

For forwarding and freight operations the Company maintains its own offices at all branches.

In the Insurance field, Peltours is the General Agent for the Magen Insurance Company and Peltours offices have the largest turnover in Israel with Lloyds, London,

It is general agent for the Migdal-Binyan Marine Department, and Manager of the Israel Insurance Companies "Pool" for Government and Institutional Insurances. Furthermore, it acts as insurance advisers and brokers to a large number of important institutions and industrial enterprises, and is a specialist in the insurance of risks connected with the oil enterprises of Israel.

The adresses of its offices in Israel are as follows: Head Office and Tel-Aviv Branch, 28, Ahad Haam Street, Tel. 50851, and 49 Ben Yehuda Street, Tel. 221226 ; Jerusalem Office, 2, Shlomzion Hamalka St., Tel. 234318; Haifa Office, 82, Ha'atzmauth Road, Tel. 660981; Rehovoth Office, 167 Herzl St., Tel. 951080; Hadera, 25 Herzl St., Tel. 22927; Nathanya, 33, Dizengoff St., Tel. 22724.

ISRAEL TOURIST AND TRAVEL AGENTS ASSOCIATION

The Israel Tourist & Travel Agents Association comprises the majority of the authorized travel & tourist agents of Israel. The rigorous condition of participation make sure that a travel agent, member of the tourist & travel association, satisfies all the criterions in order to offer to its customers full reliability as well as a substantial professional experience.
The Association has formed a body including the tourist agents who are working for the tourists visiting the country.

All the travel agents, members of the Association, respect strictly the rules of professional ethics in the domain of tourism, the task of the Association being to supervise the implementation of these rules.
The Association supplies to its members up-to-date information in all spheres relating to travel and tourism, organises professional qualification courses for the clerks of the travel agencies, in order to enrich their professional skill.
The Israel Tourist & Travel Agents Association took the initiative and worked for obtaining of concessions regarding voyages abroad, assuring a suitable position for the bearers of Israeli passports; simultaneously the Association takes care to improve the services in the field of tourism and to determine a sympathetic public opinion for tourism to Israel.
The Association is an Ottoman society presided by a chairman and an elected committee, whose names are given below:
G. Magon — chairman; I. Eiferman — vice-chairman; S. Zweig — hon. secretary; I. Weiss — hon. treasurer; D. Beer — committee member; Th. Proper — cmt. mbr; M. Sofer — cmt. mbr; A. Taubenhaus — cmt. mbr; S. Ben-Kiki — cmt. mbr; Z. Katz — cmt. mbr; P. Molad — general secretary.
Office: 195 Ben Yehuda St., Tel Aviv; tel. 243378-9; cables: AGENTRAV.

UNITED TOURS
THE UNITED TOURING COMPANY LTD.

United Tours — The United Touring Company Ltd., ist the biggest and most experienced touring company in Israel: it operates a fleet of 100 luxury buses serving tourists and residents of this country. The routes of its tours cover all parts of the State of Israel: from the Golan Heights and Rosh Haniqrah in the north down to Eilat and Sharm e-Sheikh in the south. Air-conditioned luxury buses, run by experienced drivers and accompanied by guides who are versed in many languages, are at the tourists' disposal. The company takes scrupulous care of the renewal and contstant improvement of its vehicles, providing every comfort for the tourist and enabling him to see the landscape and to listen to the explanations of the guide without difficulty. The itineraries and time-table of the tours are carefully planned, devoting maximum attention to historical sites, to beauty spots and also to the hotels and restaurants that serve the tourist — all this within the framework of the excellent service provided by United Tours.
The company operates daily tours with fixed itineraries, allows individuals, institutions and schools to rent buses for organized tours according to special programmes and supplies luxury buses for special family events. The company has a central garage where all technical services are given to the vehicles.
The management of the company and its operational center are situated in Tel-Aviv. United Tours offices operate in the main cities: Jerusalem, Haifa, Netanya and Eilat; each of these offices is in direct contact with the Tel Aviv center through which the tours are operated.
This arrangement makes it possible for United Tours to supervise constantly the movements of its buses and to take prompt care of every request from the regional offices.
The thousands of tourists and the hundreds of Israeli institutions who use regularly the services of United Tours since ten years, are a proof of the high standard of service, of the comfort during the journey, of the variety of trips and the limitless possibilities of touring and sight-seeing in Israel.
The managers of the company, Mr. Zeev Eisemann and Mr. Lionel Drucker, are veterans of

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first opened its doors in January 1969 under the personal management of its owners, Perry Roded and Peter Nathan. Perry Roded (an alumnus of Columbia and JTS) hails from Albany, N.Y., where he was known as Perry Rudolf. Peter Nathan (a McGill alumnus) comes from Manila, Philippines, where he was known as Peter Nathan.

Concentrating on the travel department, Roded and Nathan have built up an office with the largest number of booking clerks to be found in Jerusalem. The travel department deals with air and sea tickets, tours, hotels and resorts, and car hire abroad. Other departments include incoming tourism and freight. The freight department handles freight forwarding (by air and sea), storage and packing, and marine insurance. The staff comes from France, Germany, Australia, South Africa, Columbia, Belgium, Canada, India, the USA, Iraq, Turkey and even Israel. Expansion has come in the form of a new branch in Tel Aviv, thanks to an association with Mr. Stanley Dalnekoff, a Scotsman who owns a travel office in New Haven, Conn., but now manages the Promised Land in Tel Aviv.

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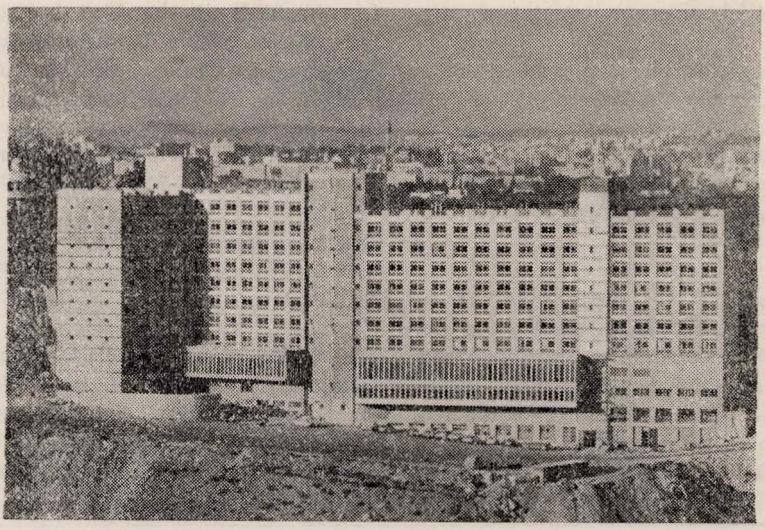
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THE ISRAEL DIAMOND INDUSTRY

The diamond industry in this country emerged from the crucible of World War II when the world centre of diamond cutting and polishing plants in Holland and Belgium became isolated from their great trading markets. The young Israel industry succeeded in a very short time in training thousands of workers for the trade. Today it comprises about 300 enterprises and employs 9,500 persons including workers' staff, dealers, exporters and brokers.

About 50% of the diamond enterprises are concentrated in the Tel Aviv area and 30% in Nathanya, 10% in the Development Areas, the remainder being situated in Jerusalem. Nearly all of them are organized within the Israel Diamond Manufacturers Association Ltd.

The raw materials are supplied to the Israel industry by the Diamond Trading Co. of London. Over 50 firms in Israel are clients of the Syndicate and receive monthly quotas. The Syndicate concentrates 80% of the output of roughs in the world.
The Israel industry engages mainly in working of brilliants as well as baguettes and marquises, in accordance with the raw materials supplied by the Syndicates. 60% of its raw material are melles from which only brilliants in sizes ranging from 4 to 50 stones per carat can be made.

The entire output of Israel's diamond industry is exported. Israel's principal market for diamonds is the United States which takes about 35% of its exports, the remainder going to Canada, the Far East, countries of the European common market, England and other European countries.
The total export of polished diamonds in 1968 amounted to 200 million dollars.

Chairman: Mr. M. Schnitzer.
Deputy Chairmen: Mr. B.Z. Fuzailoff, Mr. A. Ketzel.

The Office of the Israel Diamond Manufacturers Association Ltd. is situated at the Diamond Exchange Bldg., Ramat Gan; Phone: 252483. Following is a list of several enterprises in the diamond industry:

KALMAN FISCH
Office: Diamond Exchange Building, R. Gan, Floor 18, Rooms 05-06; Tel. 251468.

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Office: Diamond Exchange Building, R. Gan, Tel. 252293, 291096, Rooms 501-4-13-14.

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43, Levanda St., Tel Aviv; Tel. 38102.
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Office: Diamond Exchange Building, R. Gan, 15th Floor; Tel. 250809; 253105.
Factory: Ramat Gan, 29, Tuval St., Tel. 730125; 735941; cables: Goldiam.

S. JUWAL, Diamond Manuf., & Exporter; Office: Diamond Exchange Bldg., Ramat Gan, Tel. 254423; Factory: 8, Struma St., Petach Tikva; Tel. 912464.

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Office: Diamond Exchange Building, R. Gan, 253394-5; Rooms: 1001-1003.

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The Israel Office of the British Zionist Federation was established in 1949 in Tel Aviv with branches in Haifa and Jerusalem. Its advisory and information services are available to people considering aliyah and those who have settled in Israel from the United Kingdom and Australia. One of the principal functions of the Office is to assist new immigrants by serving as a liaison between them and the various national institutions, besides providing help by way of loans and mortgages, assistance in finding employment, accommodation, and giving advice on the setting up of businesses.

The Office accords assistance and maintains close contact with over 20 British kibbutzim and moshavim in Israel.

Head Office: 76 Ibn Gvirol Street, Tel Aviv. Tel. 265244. Sun — Thurs 8.00—15.00, Friday: 8.00—12.00.

Jerusalem: Moadon Haoleh, 9 Alkalai St., Talbieh. Tel. 34822. Sun — Thurs 8.00—14.30. Fri: 8.00—12.00.

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THE ISRAEL LABOUR PARTY

The establishment of the Israel Labour Party, through the merger of Mapai, Ahdut Ha'avoda and Rafi and the association with Mapam, has brought about a great change in the political situation.
Among the basic aims of the Labour Party are the following: to foster the ingathering of the Jewish people into their homeland and the establishment of an independent labour society in Israel;

★ to serve the people, the State and the working class;

★ to attain national, social and pioneering aims in the spirit of the heritage of the Jewish people, the vision of Socialist Zionism and the values of the labour movement;

★ to safeguard the principles of freedom of thought, expression and discussion; harmony between policy and implementation, acceptance of government by majority and democratic procedure;
★ to facilitate the affiliation of other labour groups and individuals which accept its principles.

In the area of foreign affairs and security:

★ A just and lasting peace between Israel and her neighbors;

★ Unceasing vigilance over the security of the State of Israel; deterrence of any danger to her existence, sovereignty, peace and integrity;

★ Strengthening of Israel's position in the world, acquisition of friends for Israel among the countries of the world and their peoples;

★ Struggle against racism, anti-semitism, fascism and the remnants of colonialism. The Party is also concerned with immigration and absorption, economic independence and growth, settlement, education, culture, research, etc.

Organizational structure
★ The congress — the Party's highest authority.

★ The Central Committee — the Party's highest authority between Congress, entitled to decide on topics of a fundamental and or legislative nature which the secretariat has brought to its attention. The Central Committee meets at least once every three months. Its members number 615.

★ The Secretariat — responsible for the execution of the Central Committee's decisions. It discusses and decides on all Party matters; elects the standing committees and committees on special matters, sets their authority and terms of reference. The Secretariat has 150 members.

★ The Bureau — prepars the Secretariat's agenda and is responsible for the implementation of its decisions; discusses and decides matters which the Secretariat authorizes it to deal with and also on organizationl and financial matters: discusses and decides on questions of procedure, executes its decisions through departments which operate in the central headquarters (organization, information, youth, immigrant association, labour union, municipal matters, etc.).

★ The Party Secretary General and the Deputy Secretaries — these are elected by the Secretariat. They prepare the Bureau's agenda and implement its decisions.

★ The Court — has 31 members and is elected by the Central Committee. It brings up for the approval of the Central Committee proposals for changes in procedural by-laws, when needed; sits in judgement on questions of irregularities brought by the Party against a member or members and vice-versa.

★ The Party Controller's Office — elected by the Central Committee and numbering 51 members. The office investigates administrative procedures in financial and social matters; watches over the implementation or by-laws by the Party's institutions and representatives, checks into members' complaints etc.

110 Hayarkon Street, Tel-Aviv; tel. 241351.

THE WORLD LABOUR ZIONIST MOVEMENT

The World Labour Movement is a union of national organizations in various parts of the world. Until 1968 it was known as the Ihud Olami-Poale Zion (Z.S.) — Hitahdut and then it merged with the Ahdut Avoda Poalei Zion to form the World Labour Zionist Movement. It is a movement of parties and organizations which accepts the principles of Zionist socialism and identifies itself with the aims of the Labour Party of Israel, which is an amalgamation of Mapai, Ahdut Avoda and Rafi.

The following are the parties affiliated to the World Labour Zionist Movement: The Labour Zionist Movement Alliance of America (compromising Poale Zion, Farband and Habonim Association); Canadian Labour Zionist Movement; Poale Zion — Hitahdut in South America (Argentine, Brazil, Chile, Uruguay, Mexico, Venezuela, Colombia, Peru); South Africa; Iran; Australia; Britain; Brance; Belgium; Holland; Switzerland; Sweden; Italy; Denmark and Austria.

The women's organization "Pioneer Women" with centres in 12 countries is affiliated to the World Labour Zionist; the largest centre being in the United States with about 40,000 members.

The Youth Movements of Ihud Habonim Young Poale Zion and Bilu in England, U.S.A., Canada, South America, South Africa, Australia and Europe, are affiliated to the World Labour Zionist Movement. In the Latin American countries there are youth groups organized under various denominations which have declared their affiliation to the World Labour Zionist Movement. The principal movement is Habonim. In 1969 a World Labour Zionist Students group was also organized. There are a number of groups of young active members of the party who are associated with the Mishmeret Hatzeira of the World Labour Zionist Movement and are in process of being formed within a world framework, together with a similar group in Israel.

At the 8th World Conference held in Israel in 1964 it was decided to set up an Institute for Movement Education for the purpose of training a cadre of active members and instructors able to carry out important functions both in the movement and in the Jewish communities in their respective countries. It was also decided to set up a special department for young adults who have grown up within the party. Their common denominator is their attachment to Labour Zionism and the Jewish Labour Movement.

The Labour Zionist Movement has also created "Hugei Olim" (Immigrants' circles) in the various countries with the aim of preparing those willing to come and settle in Israel. The Department for Information has extended its scope and has published a series of booklets in three languages, dealing with current Jewish and Zionist problems which have been widely distributed. (A monthly series "Attitudes" and a further series: "Considerations and Opinions").

The Movement is directed by a Secretariat of 27 members who represent the Labour Party of Israel and the Party abroad, headed by the Secretary General Mr. Itzhak Korn, M.K., assisted by Dep.-Sec., Mr. Joseph Bankover.

The World Labour Zionist, 9, Mendele St., Tel-Aviv, Israel.

MAPAM — UNITED WORKERS PARTY IN ISRAEL

Mapam, United Workers' Party in Israel, was founded January 1948, by worker & pioneer groups, prominent in the establishment of Kibbutz settlements and in the development of the country. Mapam participated in the Provisional Government of Israel & in the coalitions following the 3rd & 4th Knesset elections; after the 1965 elections, Mapam joined the Levi Eshkol Government. After the Six Days War, Mapam established the Allignment with the Israeli Labour Party and since then participates in the Government. The party's policy calls for planned vigorous economy,

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Founded in 1932 by the late Gershon Agron, past Mayor of Jerusalem. The Jerusalem Post is the only English-language daily newspaper in Israel. Editor is Mr. T.R. Lurie. The newspaper features also The Jerusalem Post Weekly Overseas Edition, for overseas readers, bringing a round-up of the week's issues of The Jerusalem Post-Daily.

The Weekly is published every Tuesday and is circulated to over 40,000 airmail subscribers in over 90 countries. The Head Office is at The Jerusalem Post Building, Romema, Industrial Quarter, Jerusalem 91000, P.O.Box 81, with branches in Jerusalem, Tel Aviv and Haifa.

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THE JERUSALEM POST

aimed at guaranteeing successful immigrant absorption & a stable, sufficient livelihood for Israel's workers; it leads the campaign for full civil rights for the Arab minority.

Its foreign policy calls for non-allignment with either of the world blocs, for neutralisation of the Middle East & general disarmament and prohibition of atomic weapons. In order to achieve a stable peace based on the independence and territorial integrity of all the states in the Middle East, on secure & recognized borders, free passage through the Tiran straits and the Suez canal, as well as on the solution of the refugee problem — Mapam calls for direct negotiations between Israel & the Arab States. Till the achievement of this peace, Mapam opposes the military evacuation of the occupied territories, whilst at the same time condemning the campaign for their annexation. Mapam publishes the daily "Al Hamishmar" and the theoretical bi-monthly "Ba-Sha'ar", as well as weeklies in Yiddish, Arabic & Rumanian, a bi-weekly in Bulgarian & Spanish and a monthly in Persian. Secr. Gen. is Mr. Meir Talmi, M.K.; Political Secr., Mr. Naphtali Feder; Secr. of the Central C'tee, Mr. Arie Jaffa.

Central Office, 4 Itamar Ben Avi St., Tel-Aviv, Tel. 266244-5-6-7.

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"AL-HAMISHMAR'S" weekly magazine is "HOTAM", an illustrated supplement covering politics, the arts, social topics, etc., written and edited mainly by the younger generation journalists.

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SPORT ASSOCIATION HAPOEL

The Sport Association "Hapoel" was founded within the framework of the General Federation of Labour in 1926, in the wake of a local organization started previously in Haifa under the same name. Today, it is the largest among the Israeli sports associations, numbering 100,000 members, organized in 700 branches; Hapoel is also the strongest organisation sportwise. During its 48 years' existence, Hapoel has organized nine Sport-Festivals, the last five of which were attended also by outstanding sportsmen from abroad.

Hapoel took place from 29.4.71 to 5.5.71 and it turned out to be the most successful sports event ever held in Israel.

The Opening Ceremony of the Games was held in the presence of H.E. the President of the State of Israel and it occured on the 23rd Independence Day. There were more than 800 participants from all over the world, as well as hundreds of Israeli sportsmen. Among the guests were outstanding and world famous sportsmen in track & field gymnastics, and swimming from the U.S.A., Asia, Africa and Europe. There also were special performances by world-class gymnasts from Scandinavia, together with teams of gymnasts and dancers of "Hapoel". The 9th International Games of Hapoel roused world wide interest.

Since 1927 "Hapoel" is also a member of the International Workers Sport Organization, and its representatives are very much instrumental in the activities of this organization. "Hapoel" has participated in the establishment of the Football Association (1928), and has been active since 1951 in the Sports Federation and in the Olympic Committee. Since the establishment of the State, "Hapoel" has been engaged in extending sporting initiative and training to the new developing countries. Hapoel has also done very much for the expansion of mass sports of all kinds, folk dancing, sport at the factories, etc. "Hapoel" has introduced into Israel sport life the idea of mutual assistance and equality; physical culture serves to infuse "health practices and fortitude" and sport to popularize physical culture within the population. The slogan of "Hapoel" is: "labour's health — a guarantee for its victory". In its choice of adequate sport branches, "Hapoel" operates on the basis of the following principles: prospects of reaching legions and improvement of performances. After the objective scientific research has produced its findings, Hapoel endeavours to offer a maximum of people the opportunity of practicing it joyfully in as many locations as possible. Tel-Aviv, 8, Rehov Haarbaa, P.O.B. 7170, Tel. 260181/5.

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The Stier Compnay controls marketing agencies distributing products manufactured by leading American and British firms and is active in promoting new products in Israel. The company is looking for new products from well known firms to promote and distribute in Israel.

The Stier Compnay has its own graphic studio, team of executives and marketing consultants and sales people. The General Manager, D.J. Stier, is fluent in languages and there is an English speaking section. Firms abroad and in Israel interested in being represented should contact, Mr. Stier.

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This leading enterprise is one of the oldest in this country and has its head office in Tel-Aviv, with branches and warehouses both in Tel-Aviv and Haifa. Affiliated OLIVEX LTD., producers of vegetable oil, oilcake and lecithin. Its Managing Directors are Messrs. J. Cegla, Dr. W. Cegla, A. Cegla.

Further details — see in this page.

J. CEGLA and CO. LTD. — חברת י. צגלה בע"מ

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Brenda is a former connoisseur and lecturer on antiques. In her present shop, in the tourist centre of Tel-Aviv you will find exclusive hand-made jewellery, paintings, gold gifts and modern and primitve art.

There are gifts at the shop from 75 cents to thousands of dollars. She has jewels that are copies of priceless antiques and also modern giftware such as silver, ceramics, glass and Jewish art.

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MARS – THE "BON TON" IN THE FURNITURE BUSINESS

The new Mars House is another stage in the development of Mars Ltd., founded in 1960 by David Shulman as a center for furniture wholesale.

The turnover of the company was 13 million IL in 1972 and 20 million IL in 1973. Since many years, the marketing of Mars furniture has been based on the principle: Quantity lowers the price and improves the quality of furniture.

During the past year, a change has occurred in the trends of the market. The increased price of the imported raw materials and steep rise in labour wages have made Israel-made furniture much more costly and thus the finished furniture imported from Europe has become relatively cheaper.

The new five-storey Mars House, built on an area of 3000 square metres, truly reflects today all that is new and modern in Europe.

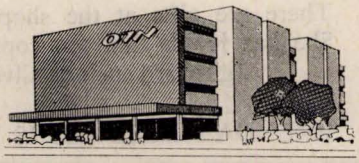
The European furniture fashion finds its expression in Mars House in the rich choice of items and the various departments that present to the visitor beautiful salon sets, charming children's playrooms, luxury bedrooms, ceramics, tiles and bathrooms accessories and a metalware department ("furniture assignment") that offers thousands of auxiliary items for the kitchen, the hall and the bathroom.

Background music makes a visit to the new Mars House a pleasant experience and two modern lifts provide for easy communication between the floors. There is also an adequate parking place.

In the next stage, Mars Ltd. is planning an additional building that will be linked with the present new Mars House by a giant underground parking center for 1200 cars.

Mars House has acquired the status of the greatest center for luxury fashion furniture in Israel, modelled along the lines of the big European furniture centers.

Year after year, Mars House is awarded the title of the most outstanding enterprise in the furniture business, which it is, indeed. The new Mars building is situated at 158 Herzl Street, Tel Aviv. The company has an additional sales center in the heart of Ramat-Gan, at 75 Herzl Street (Beit Oasis).



בית מרס

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Salomon, Levin and Elstein Ltd.

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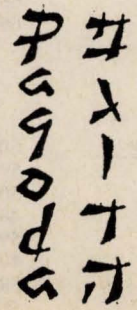
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