WHO'S WHO IN ISRAEL

AND IN THE WORK FOR ISRAEL ABROAD

1978

18TH BIENNIAL PRINTING



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(ISRAEL'S 30th ANNIVERSARY)



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WHO'S WHO IN ISRAEL

INCLUDING OUTSTANDING FIGURES IN THE ZIONIST MOVEMENT
AND THE WORK FOR ISRAEL

(revised and reissued biennially)

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PUBLISHER'S INTRODUCTION

To the State of Israel, to the Government and the Knesset, to all citizens, to the thousands of personalities whose biographies appear in our editions, to the hundreds of institutions and enterprises that publish their reviews in our book, to all our subscribers and readers — **we convey our best wishes to the 30th anniversary of the State of Israel.**

The edition before us is the 18th English edition of "Who's Who in Israel and in the work for Israel abroad". So far 17 editions have appeared in the English language. Since eight years we have also published a Hebrew edition — in addition to the English edition. Four editions have appeared till now in Hebrew and next year, in 1979, the fifth Hebrew edition will be issued. **The next English edition, the 19th, will appear in 1980.**

In the previous editions we have succeeded in expanding our biographical encyclopaedia. We intend to improve it further and to include as many Israeli and Jewish personalities as possible. For this purpose we are asking all institutions and personalities whose names are published in our book to let us know the names of persons who, in their opinion, deserve to be included in "Who's Who in Israel and in the work for Israel abroad", who, for various reasons, have not yet reached us.

We should like to make the Israeli "Who's Who" most representative and useful and we are grateful to everybody who is prepared to assist us in the success of our work.

BRONFMAN & COHEN PUBLISHERS
ISRAELI WHO'S WHO PUBLICATIONS LTD.

ITZHAK BEN

IT WAS ALREADY WRITTEN IN THE BIBLE...

The editors of "Who's Who in Israel and in the work for Israel abroad" are pleased to present to the public the 18th English edition for the year 1978. This edition is dedicated to the 30 years of Israel's statehood and in honour of this event it has been given a wider, more splendid and festive form. It contains the important biographical data of about 3,000 Israeli personalities and of hundreds of Jewish personalities all over the world who sympathize with Israel and work for it in the countries of the Diaspora. The reader will find among these personalities Zionist leaders, activists in the fund-raising campaigns for Israel, activists among the Jewish communities in various countries, activists of the World Jewish Congress, Rabbis and writers, as well as Jews whose status in the world of science, art, culture or politics enhance the reputation of the Jewish people.

We have tried to include in this edition "all executives of the changover" ("Kol Anshei Ha'maapach") — public personalities in economics and society, Knesset members and politicians who occupy new key positions — thus reflecting the changes in the government in the wake of the "Maapach" — "political changeover" that took place on the 17th of May last year.

The hundreds of reviews and monographies of enterprises and institutions appearing in the second part of "Who's Who in Israel", reflect the bustling life of the State of Israel in the thirty years of its independence. In this part of the book you will find an abundance of material relating to public institutions, the Zionist Movement and the Jewish Agency, the big municipalities and most municipal councils in Israel, institutes of higher studies, including Israeli universities, colleges and research institutes, theatres, institutions of culture and art, book publishers, health and various public organizations, etc. Special sections of the book deal with banks and insurance companies, investments and marketting, chambers of commerce. The reviews on banks show their history, development and balance sheets. All branches of industry are represented (machinery and steel, vehicles and tires, electronic and science-based industries, computers, chemicals, building, textiles and fashion, agriculture and foodstuffs). The book also contains comprehensive reviews on the big transport, aviation and shipping companies, tourism and hotels, Adequate space is allocated to the diamonds industry that is known as a key industry in Israel's economy. The panoramic picture of Israeli life is supplemented by reports and advertisments of political parties, newspapers, various sports organizations, etc. These reviews publish the names of managers, board members, addresses of enterprises and institutions, phone and telex numbers, etc., so that all interested persons — businessmen or professionals — may find in the book a tremendous amount of informative material.

Furthermore, we have published several articles by well-known Israeli publicists who review Israel's achievements in economy and arts. Reproductions by some of the best Israeli artists illustrate the book that is distinguished by its de luxe cover.

The English edition is distributed throughout the world and the favourable reactions reaching us show the strong echo roused by our "Who's Who". This is demonstrated by an editorial in the Detroit "Jewish News" or an article in the N. Y. "Jewish Press" or in the Zionist periodical "Menorah" published in Brasil, as well as by a letter to the editor of the London "Jewish Chronicle" or readers' letters from Scandinavia or South Africa, from Englond or Hungary — all appreciate "Who's Who in Israel" as an interesting bridge rousing the interest of Jews from various parts of the world and enabling them to "look from a distance at the panorama of Israeli social life" — as the Brasilian paper "Menorah" puts it.

In an interview broadcast by "Galey Zahal" a year ago (July 1977). I was asked by the interviewer, the journalist Michael Handelsaltz of "Ha'aretz", if it is not too presumptious to take the liberty to decide who is an "important personality" in Israel and how and by whom this decision is taken; and for what purpose are "Who's Who" books needed at all? I answered him that this is a painstaking team-work. **The editorial board of the book — headed by me and Mr. Moshe Grünberg — is assisted by a team of correspondents and advised by experts and public personalities and does its job devotedly and carefully.** However, at the same time it must be pointed out that a man is publicized in "Who's Who" first of all by his own merits by virtue of his personality, his public standing or personal achievements — be he a public figure or a scientist, an artist or the manager of a big economic enterprise or commercial company. That is to say, the man gains publicity first of all by virtue of his own deeds.

In an article printed on another page of this book, the writer and bibliographer G. Kressel says, i. a.: "...I know the immense value of the "Who's Who" publications that are never absent from my desk. More so, I am looking forward eagerly to every new edition, in which I always find date on personalities...". But not only writers and bibliographers or students and researchers take interest in our book. In our modern era, when the media of communication have reached an amazing stage of development, publicity in "Who's Who" isn't any more a matter of prestige or of providing material to the gossip columns — but a matter of greatest utility. This is first of all a useful guide supplying vital information to all who are interested. In the United States, and in the west in general, "Who's Who" books are very popular and can be found in every private or public library. In America, where "Who's Who" books have been used for a century, they cover a wide range of professions and occupations — a special kind of literature.

But why shall we wander to geographically remote realms? Let us look into the expanses of our own history and we shall find that the first "Who's Who" book was our Bible... Take, for instance, the Numberi Book (Sefer Bamidbar), Cap. I, and you find there "the heads of all the congregation of the children of Israel by their families, by their fathers' houses", "the princes of the tribes of their fathers, the heads of the thousands of Israel" ...that is to say, all the "Who's Who" in the Israel of those days...

Which means that our forefathers knew already the importance of the "Who's Who" and they have passed on this tradition to further generations...

G. KRESSEL

ON WHO'S WHO BOOKS IN ISRAEL

Who's Who Books have a long--standing tradition all over the world, but in our country they are only a few decades old. Their value is well known — they open gates to everyone who wants to know data on personalities whose names appear in the news or who hold various posts, even if they are not mentioned in the headlines of the press, yet many are interested to know who they are and what they do, which concerns all or most of us. However, though the advantages of these books are clear, their publication is no easy job, because there is always the problem: "Who's Who" for this purpose and whose name should be or not be included. This problem has not yet been solved and probably never will be. But this choice, which will always be selective and contested by somebody, is the "price" we pay for the information on persons that is, no doubt, necessary for this kind of books.

The biographical information we have before us is usually derived from data supplied by the biographees themselves. Sometimes you find here competent informations combined with data doubted by some people, even though, or just because they came from the man himself. But this, too, is part of the "price" that is demanded from those who use these books. If it suits the biographers, so well and good for the readers.

In the wake of my business with thousands of biographies, with living persons and personalities from past generations (in my lexica and my participation in Hebrew and English encyclopaedias and lexica) I know to appreciate the immense value of the "Who's Who" publications that are never absent from my desk. More so, I am looking forward eagerly to every new edition in which I always find data on personalities that I had missed in previous editions.

The "Who's Who" books appear regularly and this, too, deserves to be mentioned and emphasized. The English edition, however, contains also no few personalities from the Jewish Diaspora who are connected with Israel and the Jewish community in Eretz Israel. This symbolises

the links between the state and the Jewish people in the Diaspora who all work for the State of Israel and are concerned with its existence. That is why the "Who's Who" books represent a kind of wide-spread panorama of personalities in our people, here and abroad, in which the present-day life of the Jewish people and its ties with the State of Israel are brightly reflected. For this reason, judging from my own experience, it is worthwhile to keep also previous editions, because although new names appear in every edition, no few personalities pass away and are not mentioned in new editions. Therefore, every edition should also contain the dates of death of persons who have passed away since the previous volume was issued.

In conclusion: the "Who's Who" books are an important item for people engaged in research work as well as for every Jew and non-Jew in Israel and abroad, who are interested in the contemporary life of our people. Every up-dated edition presents also an up-to-date image of our people and this enchances its value far beyond the year of its issue.

ISRAEL TOMER

ISRAEL — AN "ECONOMIC MIRACLE"

In a certain sense Israel is also an "economic miracle", not only a "land of miracles" in general. No state in the west has reached in our generation such a rate of growth and development as the Israeli economy. From a semi-colonial country, as it was at the end of the British Mandate 30 years ago, Israel has become today an industrial state with highly developed industrial exports, some of its sophisticated products competing with the giants of world industry.

True, this "economic miracle" has taken place under unique circumstances that can hardly be copied in another place. The country has absorbed a tremendous influx of immigrants and its population increased fourfold in one generation. Even though these were destitute immigrants and the country had to provide all their requirements, they still supplied Israel's developing economy with exquisite manpower. This was one of the most fascinating experiments in the annals of the immigration movements. During the 29 years before the foundation of the State, from the end of the First World War till the outbreak of the War of Independence (1919-1948) 452,000 Jews had come to Palestine while four times more immigrated into Israel in the 30 years of its independence, most of them in the first 10 years.

Another factor that provided the basis for that "economic miracle" was the immense influx, by all standards, of imported capital that came in most cases separately, not with the immigrants. Since 1948 these capital imports have amounted to over 35 milliard dollars. These were no foreign investments in the regular sense of this term. Private investments constituted only tiny percentages of this influx. Mostly they were funds of economic support and aid coming through state and public channels, from the Jewish people, from the restitution and compensation paid by Germany, U.S. aid funds, etc. Without capital imports in such dimensions and without the manpower built up in the country in the wake of the mass immigration, it is impossible to imagine the existence of Israel's "economic miracle" whose essence lies in the growth of its economy at the rate of 9.5% per annum during its first 25 years.

The beginning of the miracle emanated from mass immigration. Immigrants, remnants of the European holocaust and Jewish refugees from the Arab countries, filled the transitory dwelling camps. The end of the forties and beginning of the fifties were the first years of immigrants' absorption, of a regime of austerity and rationing. The main concern was to get food, a roof and jobs for the newcomers. This was the "pioneering era" in the history of the State with a national income of about 370 dollars per inhabitant (today 2300 dollars). Emphasis was laid on the development of agriculture and the expansion of its output to provide for vital food products. Dozens of agricultural settlements were established all over the country. With the knowhow in agriculture accumulated in the collective and cooperative settlements, the foundations were laid at that time for a modern agriculture that is, no doubt, one of the greatest success stories of Israel's economy, on a world scale. In 1949, 51,400 persons were employed in agriculture compared with some 77,000 today. This means that the number of employed in agriculture was growing during that period by about 50 percent. However, at the same time the agricultural production in the country was growing 12 times quantitatively, the use of water in agriculture was growing 5 times and the cultivated agricultural land approximately 3 times. During the 30 years of statehood the productivity in agriculture increased 8 times. Israeli agriculture supplies today about 85 percent of the country's food consumption compared with some 12 percent when the State was established, and a major share of agricultural products is exported.

The period from the middle of the fifties till the middle of the sixties is marked by the growing influx of capital from outside and the rapid increase of the gross output per capita. The decade after the Sinai war till the period of recession on the eve of the Six Days War are years of the formation of Israel's economy, giving priority to industrial development. Development towns are established around industrial enterprises. Extensive programmes are carried out to depelop natural resources. In the beginning these are non-sophisticated industries, mainly textile works. However, from the sixties on, and still more so after the Six Days War, Israel is passing a real industrial changeover and enters an era of sophisticated industries. The relative importance of the production of electronic and electrical equipment, metal and chemical industries has increased. To understand the great industrial changeover that Israel went through, it is worthwhile mentioning that since 1950 till 1977 industrial output at stable prices has grown 14,6 times and industrial exports, amounting to 2.48 milliard dollars last year, has increased 52 times in the same period. The number of employed in industry increased threefold so that the productivity per person employed in Israel's industries increased five times. No doubt, this is an impressive process of industrialisation that has also contributed to raising the living standard. Between 1950 and 1977 (included) the expenditure for private consumption per capita has grown in real terms — and this is the principal index of the living standard — 2,7 times on an average.

The gap between the standard of output of the Israeli worker and that of the industrial countries in the world is getting narrower. The output per worker in Israel is now about 9,500 dollars annually, compared with 8,870 dollars in England or 8,670 dollars in Italy — but compared with 18,300 dollars in Germany and 19,300 dollars of the American worker.

At the same time it must be said that in spite of the tremendous economic achievements, Israel's economy has faced in most years of statehood a problem whose solution does not seem near even in our days: The problem of the payments balance and the ever-growing trade deficit. This problem was especially aggravated by the big burden of security expenses from which the young State is suffering, being surrounded by enemies from all sides and struggling courageously for its future. In the last decade the security expenses amounted to an average of 30% of the gross national product, a rate that is at least twice the average during the first twenty years of the State. And all this because the State of Israel has not yet reached the peace longed for.

The question of economic independence is today, in the 30th year of statehood, not less actual than during the first steps of the state. This remains true in spite of the enormous expansion of its economic basis, as a result of Israel's difficult problems following its special situation.

Israel's external debt, for instance, is bigger today than all its national product of one year. Israel is bothered by the problem of social and communal gaps, galloping inflation, short-comings in the structure of Israeli economy, etc.

On the threshold of the fourth decade of its existence, Israel is looking forward to a resumption of its economic growth at an adequate scale that will deliver it from its present difficulties and will allow it to proceed toward a safe future. Israel is confident of its dilligent people, of the solidarity of the Jews in the world and of its friends everywhere.

MIRIAM TAL

MODERN PAINTING IN ISRAEL

The beginning of Israeli painting is usually associated with the founding in 1906 of the Bezalel School for Arts and Crafts in Jerusalem by Professor Boris Schatz. Jerusalem was then a poor and backward town of the Ottoman Empire, the number of Jews was small, Zionism in its beginnings. Boris Shatz had grand vision: he foresaw a Jewish State with Jerusalem as its capital and serving as international art center.

Indeed, to-day Israel has a lively and interesting art life and several artists of truly international level. "Bezalel" has become a full-fledged Academy of Art and Design; there are also other art schools of serious level; the "Bezalel" Museum is to-day a part of the Israel Museum and the Tel-Aviv Museum is located in its impressive new building. There are a number of other Museums, and also Artists' Houses and numerous private galleries. Israel has a well-developed art market, and Israeli art is sold, often at high prices, both at home and abroad. Israel participates in international art events such as Biennale exhibitions.

The early years of Israeli painting were difficult, both spiritually and materially, but a stimulating intellectual climate inspired poets, artists, and musicians. The art of the "founding fathers" of Israeli painting was romantic rather than realistic, vigorous, fairly original, and slightly naive. Artists, some of whom came before or immediately after the first World War, strove to attain professional level and techniques.

Of the "founding fathers", Reuben Rubin who died a few years ago, became very famous for his landscapes, portraits, and pastoral scenes, the best of which were painted when he was young. Joseph Zaritsky, who came to this country more than half a century ago, still paints like a young artist at the age of 86. Both in his figurative and in his abstract works he proved himself a brilliant master of colour. Israeli abstraction still takes an important place in our art life; Avigdor Stematsky, Yeheskiel Streichman and Lea Nikel — a most original artist — are well known here and abroad; Lea Nikel is counted among the pioneers of international lyrical abstraction; she belongs to a younger generation.

In the opinion of most foreign critics, the most interesting Israeli painter is Fima (E. Roeytenberg), born and educated in China, a highly personal artist who paints both figurative and abstract works, often including calligraphy inspired by Chinese art.

Israeli painting was deeply influenced by the late Menahem Shemi — especially by his sun-drenched Oriental landscapes — and even more so by the late Mordechai Levanon (died 1968) the inspired painter both of heavenly and earthly Jerusalem. Marcel Janco, one of the founders of international Dada, has been living and creating here since 1941.

The sources of Israeli art have remained fairly static — but styles and directions have changed radically. The main sources are the Bible, Jewish tradition and symbols, the scenery and landscape of this country and of course foreign influences, European and lately American. Many Israeli painters turned to abstraction in some phase of their career, but some have returned to the depiction of man and nature, like the sophisticated and highly gifted Avigdor Arikha.

A strong trend in Israeli painting and graphics has been expressionism, stressing expression and sincerity rather than harmony, and linked with the Jewish "Ecole de Paris". It is often but not always intensely Jewish in feeling and style. A moderately expressionist painter is the excellent landscape artist Zvi Shor, while Itzhak Frenkel (Frenel) is a sensuous, out-and-out expressionist. Midway between reality and abstraction we find the highly personal Liliane Klapisch, from France Mordechai Ardon, to-day over eighty, is a painter inspired by Jewish values and symbols, and his complex, slowly elaborated art has many admirers here and abroad. Other painters work as conscious symbolists using various Jewish and personal symbolic forms. Israel has also developed a specifically local branch of surrealism. The best known Israeli surrealists are Shmuel Bak, and Yosl Bergner, who combine imagination, often tragic, and traditional depiction. The tragedy of contemporary fate — for mankind and especially the Jewish people — is the recurring theme of Osias Hofstetter's drawings, prints and paintings, though he remains an artist of the imagination.

The graphic arts are of great importance here. The late L. Krakauer and Anna Ticho have imparted universal signification to the landscape of Jerusalem and the Judean Hills, while Aviva Uri's volcanic drawings are the mirror of an unusual personality.

We have of course representatives of ultra-modern art — geometrical planned abstraction such as Reuven Berman's, kinetic art, conceptual art, "pop", "op" and other trends.

Israeli art to-day is distinctly pluralistic. The recent wave of immigrants from Soviet Russia brought us some of our most powerful and interesting painters and graphic artists — such as Michael Grobman. Shmuel Akkerman, the author of delicate prints Lev Podolsky, the etcher Naftali Rakusin and many others. Mural painting has as one of its foremost practitioners the gifted neo-expressionist Abraham Ofek.

LIST OF ARTISTS

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NAHUM GUTMAN — Eating a water-melon *(oil)*



ISRAEL PALDI

Mural, Herzliyah

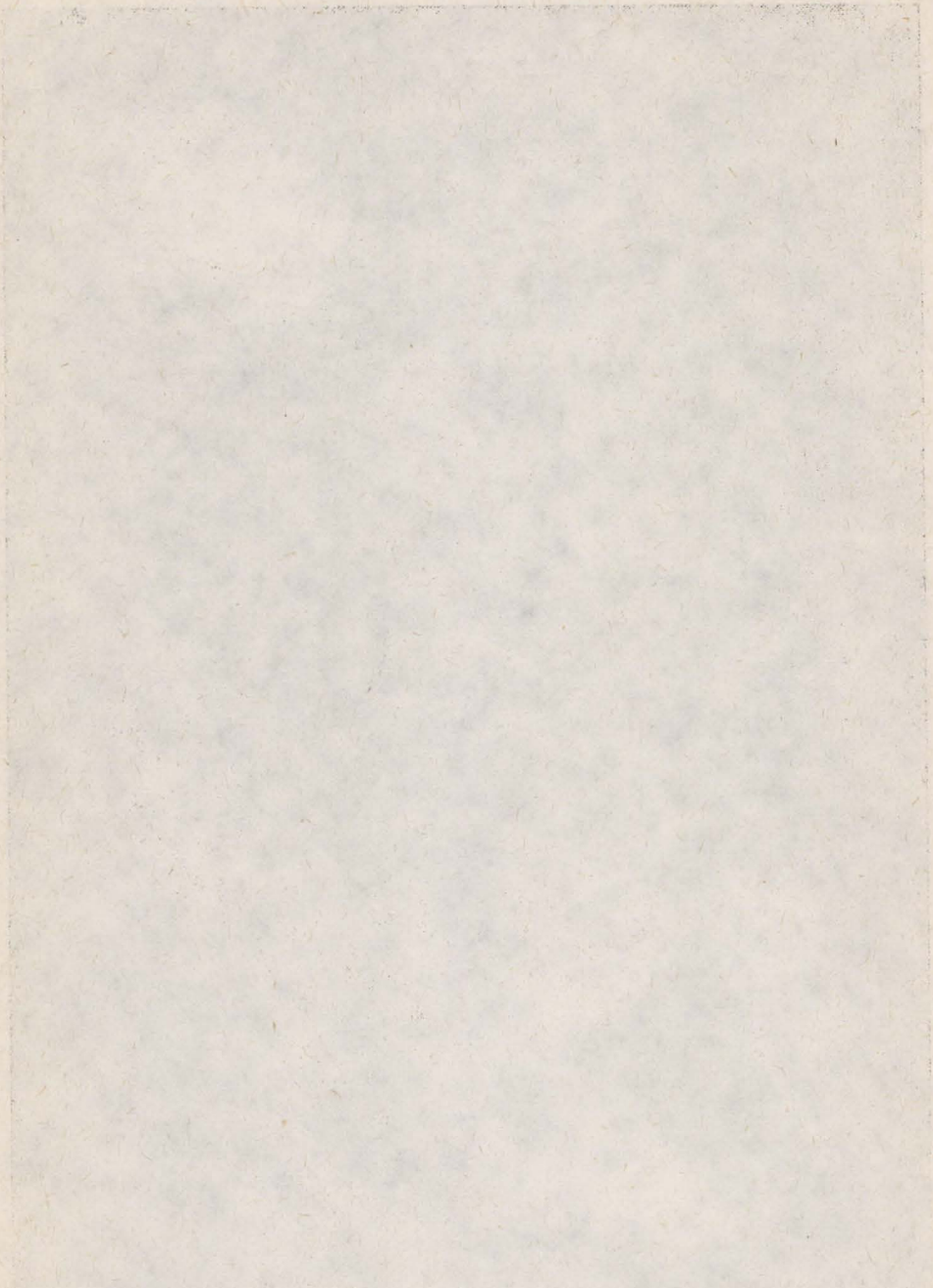


SIMCHA NORNBERG

Flowers to Jerusalem *(oil)*



OSIAS HOFSTATTER Wish of Peace (ink drawing), 1976





FIMA

Nude *(drawing)*
— From the Collection of the Arta Gallery, Jerusalem

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
FICS — Fellow, International College of Surgeons
Fin. — Finance, financial
Fllw — Fellow
Flwshp — Fellowship
Fnd, Fndn — Fund, Fundation
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
Pres. — President, Praesidium
Priv. — Private
Prod. — Production, productivity
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. — **Rumania**
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

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 Pre-



Mr. ITZHAK NAVON
PRESIDENT OF THE STATE OF ISRAEL

sident 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 cultural and communal activities fostered by Presidents Ben-Zvi and Shazar, are now carried on by President Katzir. These include the Bible Circle and the Circle for the Study of the Diaspora. New dimensions were added to the latter by the President's convening two international seminars of scholars and leaders to consider, in 1973, the effects of the Yom Kippur War and in 1975, the basic issues of Diaspora-Israel relationships. The 1978 seminar will consider the "Jewishness of the Jewish State".

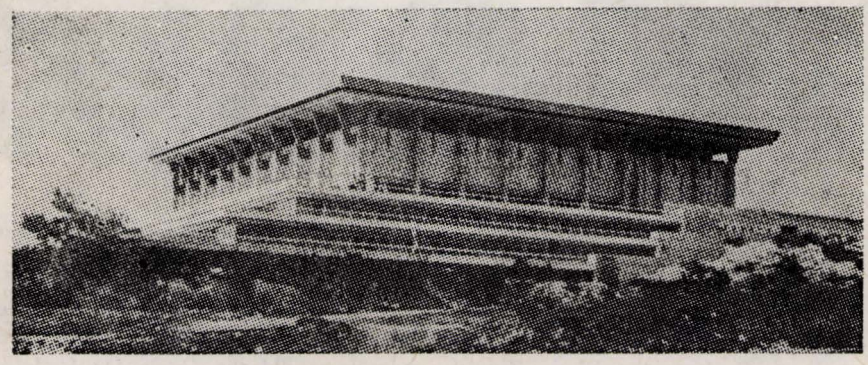
Furthermore, there is strong emphasis on social work to help close the gap in Israel society. With a view to encouragement of volunteering in communal projects, the President presents annual distinctions to outstanding volunteers.

Science, both theoretical and applied, is encouraged by the President. He is host to a large number of scientific conferences and symposia, including many participants from abroad.

On a trip to the United States in the spring of 1975 to open the Bond Campaign, President Katzir was received by President Ford. He was honored by the New York Institute of Technology, by Brandeis University and the University of Michigan. In 1976 he visited England, and has since been honored by Foreign membership in the British Royal Society. In 1977 he paid a State visit to Mexico, Costa-Rica and Guatemala.

On May 1978, Mr. Itzhak Navon was elected as the fifth President of the State of Israel and succeeded Prof. Ephraim Katzir 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.

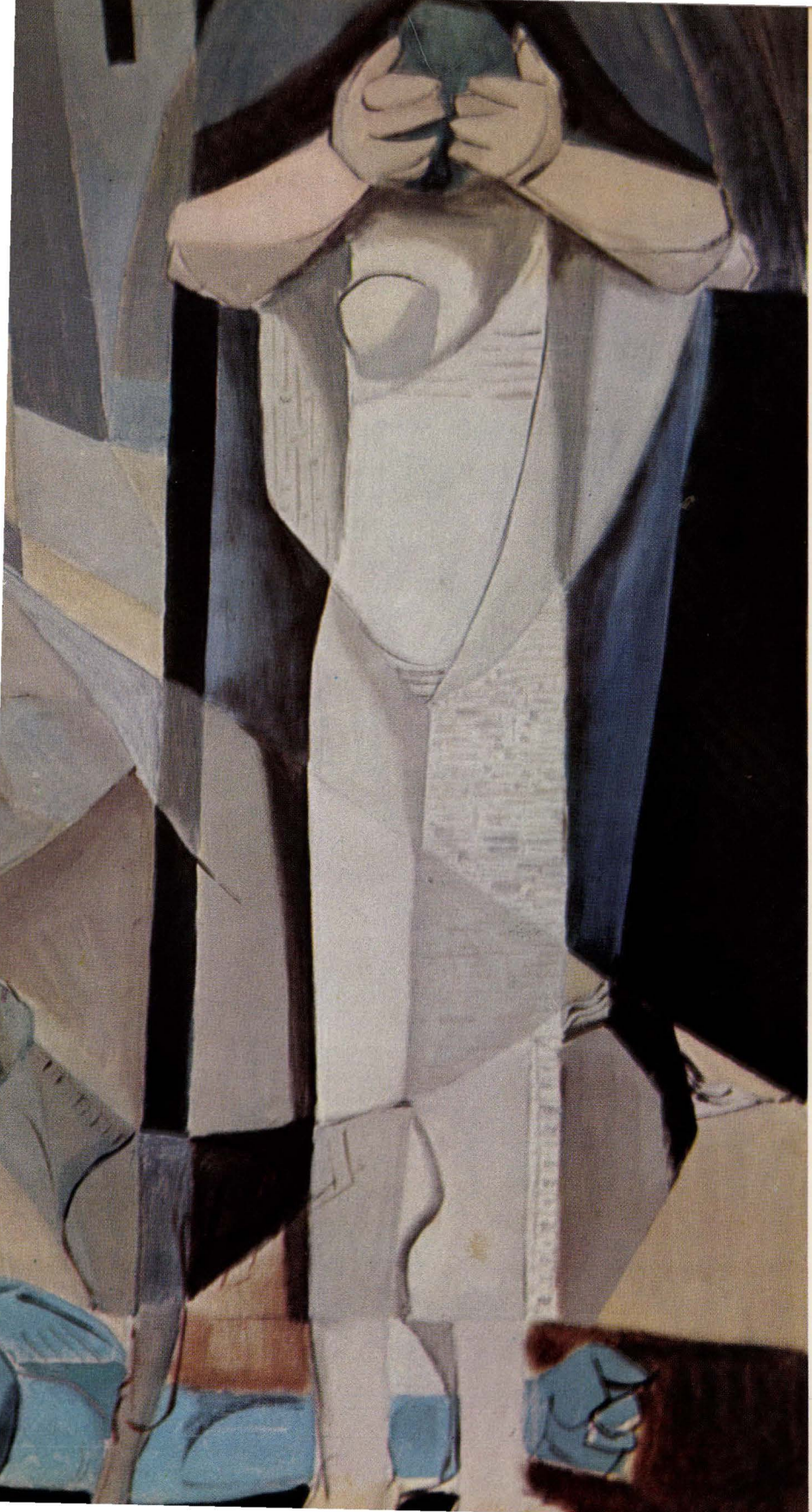


THE KNESSET — JERUSALEM

MEMBERS OF THE NINTH KNESSET

ABUHSSIRA Aharon — National Religious
ABRAMIWICZ Jehuda Mayer — Agudat Israel
ALLON Yigal — Labour Alignment
ALONI Shulamit — Citizens' Rights Movement
AMAR Moshe — Labour Alignment
AMIR Jacques — Labour Alignment
AMIT Meir — Democratic Movement for Change
AMORAI Adial — Labour Alignment
ARBELI-ALMOZLINO Shoshana — Labour Alignment
ARENS Moshe — Likud
ARIDOR Yoram — Likud
ASAAD Shafik — Democratic Movement for Change
ATASHE Zeidan — Democratic Movement for Change
AVTABI Eliezer — National Religious
BADIAN Elyakim (Gustav) — Likud
BARAM Uzi — Labour Alignment
BARLEV Haim — Labour Alignment
BEGIN Menachem — Likud
BEN MEIR Yehuda — National Religious
BERMAN Itzhack — Likud
BITON Charlie — Democratic Front for Peace and Equality
BURG Yosef — National Religious
COHEN Geula — Likud
COHEN Igal — Likud
COHEN-ORGAD Igal — Likud
CORFU Haim — Likud
DAJKSEL Michael — Likud
DAYAN Moshe — Independent
DORON Sarah — Likud
DRUKMAN Chaim — National Religious
EBAN Abba — Labour Alignment
EHRLICH Simha — Likud
ELGRABLY Mordecai — Democratic Movement for Change
ELIAHU Shlomo — Democratic Movement for Change
ELIAV Arie — Sheli — The Israeli Peace and Equality Movement
EL-ZUBI Seif-el-Din — United Arab List
ESHEL Tamar — Labour Alignment
FEDER Naftali — Labour Alignment
FLATTO-SHARON Samuel — Flatto-Sharon
FLOMIN Yehezkel — Likud
GLASS David — National Religious
GOLOMB David — Democratic Movement for Change
GROSMAN -ORKIN Chajke — Labour Alignment
GROSS Shlomo Jacob — Agudat Israel
GRUPPER Pesach — Likud
HACOHEN Menachem — L. Alignment
HADAR Amos — Labour Alignment
HALEVI Benjamin — Dem. Mvmt. for Ch.
HAMMER Zvulun — National Religious
HARISH Michael — Labour Alignment
HAUSNER Gideon — Independent Liberal
HILLEL Shlomo — Labour Alignment
HURVITZ Igael — Likud
ITZHAKY Itzhak — Likud
KAHANA Kalman — Poalei Agudat Israel
KATSAV Moshe — Likud
KATZ Avraham — Labour Alignment

KATZ Avraham — Likud
KAUFMAN Haim — Likud
LEVY David — Likud
LIVNI Eitan — Likud
LORINCZ Shlomo — Agudat Israel
LYNN Amnon — Likud
MELAMED Abraham — National Religious
MERON Moshe L. — Likud
MESHEL Yerucham — Labour Alignment
MILLO Ronnie — Likud
MODAY Yitzhak — Likud
MOYAL Eliahu — Labour Alignment
MWAIS Hanna — Democratic Front for Peace and Equality
NAMIR Ora — Labour Alignment
NASSER-EL-DIN Amal — Likud
NISSIM Moshe — Likud
NOFF Akiva — Democratic Mvmt. for Ch.
OLMERT Ehud — Likud
PATT Gideon — Likud
PA'IL Meir — Sheli — The Israeli Peace and Equality Movement
PERES Shimon — Labour Alignment
PEREZ Isaac — Likud
PORUSH Menachem — Agudat Israel
RABIN Yitzhak — Labour Alignment
RABINOWITZ Yehoshua — L. Alignment
RECHTMAN Shmuel — Likud
ROM Josef — Likud
RUBIN Ben Zion — National Religious
RUBINSTEIN Amnon — D.M.C.
ROSOLIO Daniel — Labour Alignment
SARID Yossi — Labour Alignment
SAVIDOR Menahem — Likud
SCHEINMAN Pinhas — National Religious
SEIDEL Hilel — Likud
SHAHAL Moshe — Labour Alignment
SHAMIR Moshe — Likud
SHAMIR Yitzhak — Likud
SHARIR Abraham — Likud
SHARON Ariel — Likud
SHILANSKY Dov — Likud
SHOSTAK Eliezer — Likud
SHOVAL Zalman — Likud
SPEISER Eliahu — Labour Alignment
STERN-KATAN Sara — National Relig
TALMI Meir — Labour Alignment
TAMIR Josef — Likud
TAMIR (KATZNELSON) Shmuel M. — Democratic Movement for Change
TOLEDANO Shmuel — D.M.C.
TOUBI Tawfiq — Democratic Front for Peace and Equality
VILNER Meir — Democratic Front for Peace and Equality
VIRSHUBSKI Mordechai — D.M.C.
WARHAFTIG Zorach — National Relig-
WEIZMANN Ezer — Likud
WERTHEIMER Stef — D.M.C.
YAACOBI Gad — Labour Alignment
YADIN Yigael — D.M.C.
YADLIN Aharon — Labour Alignment
YAGURI Asaf — D.M.C.
ZACKAY Yehezkel — Labour Alignment
ZADOK Haim Joseph — Labour Alignment
ZAYYAD Tawfik — Democratic Front for Peace and Equality
ZIPORI Mordechai — Likud



סנדר בוגן: השואה
ר ושם, ירושלים, 1970

Part I

PERSONALIA



Mr. MENAHEM BEGIN, PRIME MINISTER OF ISRAEL

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; communal worker; perm. mbr: Hadassah, Pioneer Women, Z.O. & all the Am. Orgs. f. Israel; b. 21.2. 1902, Chicago, Ill.; m.: Maxwell Abbell (dec.); children: Nahami, Miriam Rosenblum, Ruth Ben-Jehuda, Michael; p. partner, Russ Bldg, SF; p. chmn, brd, Abbell Mngmt Co.,p. brd pres. Willard Hotel Operating Co. Wash.; 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.

ABELOFF, Abraham Joseph; surgeon; Dir. & mbr of Admin, now Exec. Comm. of Am. Jew. J.D.C., 48-; b. March 19, 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; Pres. (56-57) now trustee, Col. Univ. Phys. & Surg. Alumni Assoc., Life Member M.Y. Historical Soc., 42; mbr Brd of Visitors, Watson Library Met. Mus. of Art; mbr, Exec. C'tee Med. Center, P. & S. Alumni Fund Campaign; Colonel, M.C.A.U.S., 42-46; Decoration, U.S. Army Legion of Merit; Distinct. Serv. Cross of State of N.Y.; Citation, Merit. Serv. Unit, Lawson General Hosp.; Distinct. Achiev. Award, Stuyvesant High Sch., 65; Fed. Medal f. Distinct. Columbia U. Alumni Serv., 63; Silver Medal, P. & S. Alumni Assoc., 69.

Resid.: 150 East 77th St., N.Y.C. 10021; Off.: 130 East 77th St., N.Y.C. 10021; Summer; Bridgewater, Conn. 06752, USA.

ABELSON, Meir; B.A. (Hons) F.R.I.C.S.; Valver,Chief Gov.Valver's Off., Jer.;b.London, 1921; to Israel, 1971;ed.:Christs Coll. Finchley,London,31-36; Coll. of Est. Management,45-48; London U.;64-68 (B.A.Hons in Class.& Medieval Heb.); m. E. Froomberg; ch.: Judith, Michael, Deborah, Daniel; mbr brd "Keren Yaldenu"; repr. in Isr. of 1st Lodge of England, Bnai Brith & admin. charitable funds; volunteer youth & soc. work; mbr Civil Guard; transl. "Guide for the Proselyte", publ. Hechal Shlomo, 64; article in "Bias & the Bible" in vol. "Challenge" (Feldheim, 76); var. art. in press; priv. pract. as chart. Surveyor & Valver, England, 54-71; Flight Lieut., RAF, 41-45, navigator; recip. "Atlantic Star" (II WW); Hazani Prize f. soc. work, 76.

8, Harav Chen Str., Jerusalem.

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.

113, Hagalil St., Haifa; tel. 231560.

ABLIN, Richard Samuel; Ph.D. (Econ.); Snr Econ., Bank of Israel; b. 20.4.1931, Chicago Ill, USA; to Israel, 1969; ed.: U. of Chicago — B.A., 50; M.A., 53; Ph.D., 60; wife: Batya Shapira; d. Dorya; s. Jacob; econ., Bank of Israel, 60-63; Assist. Prof., State U. of N.Y., 63-66; econ., Fed. Reserve Bank of N.Y., 66-69; articles in econ. journals; occasionally in newspapers or other periodicals.

Shikun Bayit V'Gan 3/8, Jerusalem; Tel. 02-423105.

ABRAHAMOWICZ, Uriel; Head, Trade Union Dpt., Histadr. 69-77; 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, Samuel; lawyer; Judge of Traf. & Taxi Commis. of N.Y.C.; 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 Savitsky; active in: Religious Zionists of America; Young Israel of Flatbush; Am. Bar Assn; Brooklyn Bar Assn; Brooklyn Coll. Alumni Assn; Edit. Brd of B-lyn Coll. Allumni Bull.; Brooklyn Law Sch. Alumni Assn; Roosevelt Democratic Club of Brooklyn; p. youth chmn of Am.-Jew. League Against Communism; 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 500 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 (7 times); cit.: Veterans of Frgn Wars Award f. Crusade Against Wrld Communism; visit Israel, 57, 61, 64, 68, 70, 73, 75; award Am. Legion f. excellence in Am. History Stud. upon grad. from B-lyn Coll.; award State of Israel Bonds placque, 77.

275 Webster Ave., Brooklyn, N.Y. 11230, USA.

ABRAM, Morris B.; attorney, civic leader; Chmn, Brd of Govnrs, Grad. Sch., Yeshiva U.; mbr, Bdr of Trust., Weizmann Inst., b. 19.6.1928, Fitzgerald; ed.: U. of Ga., B.A., 38; U. of Chgo, J.D., 40; Oxford U., B.A., 48, M.A., 53; p.m. Jane Maguire, divorced; remarried, Carlyn F. Fisher, 75; 5 children: Ruth Teitelbaum, Ann, Morris, Adam Joshua; Major, USAF, 41-45; mbr, Am. Prosecution Staff, Intl Milit. Trib., Nuremberg, 46; Assist. to Dir., Marshall Plan, 48; p. Pres., Brandeis U.; Chmn, Un. Negro Coll. Fund, 70-; Chmn, Moreland Act Comm. on Nursing & Resid., Facilities, 75-; mbr: Am. Bar Assn, Lawyers Club of Atlanta; Fllw, Am. Coll. of Trial Lawyers; Phi Beta Kappa; Hon. Fllw, Pembroke Coll., Oxford U.; co-author, "How to Stop Violence in Your Community", 50; toured Israel, Europe & S.A.; led an Am. Jewish C'tee gorup in talks w. Pope Paul VI on Catholic-Jewish relations, 64; recip. Legion of Merit, 46.

Partner Paul, Weiss, Rifkind, Wharton & Garrison, 345 Park Avenue, N.Y.C. 10022, USA.

ABRAMOV, Arie Leon; snr clin. lctr in Medicine; Chief, U. dpt. of Medicine "B", Ichilov Hosp.; b. 1922, Bulgaria; to Israel, 1949; ed.: grad. Am. Coll., Bulgaria, 43; grad. Fcty of Med., Jer., 52; w. Municip. Hosps, Tel-Aviv (Hadassah, Ichilov), 54-; m.: Alisa Achbar; 2 d.; mbr, Tel-Aviv Orch. (as violonist), 60-; fllwship by W.H.O., Hammershmith Hosp., London, 71; publ. about 25 articles in Isr. & abroad.

29 Hovevei Zion St., Tel-Aviv; tel. 285065.

ABRAMOV, Zalman S.; p. M.K. (Liberal Gahal); grad. "Herzlia", 26; M.A. (history); Jur. Dr.; b. 6.5.1908; remarried, Ayala Zacks; 2 d.; 1 s.; ed.: Case Western Reserve U., Cleveland, Ohio; V.P. "Avuka", American Students Zion. Federation, 31-33; legal practice in Israel, 39; Pres., Israel America Scty, 49-65; articles in "Haaretz" "Hapoel Hatzair", "Beterem", Hebrew Encycl., Midstream, Commentary, etc.; Assoc. Edit., Encycl. of Zion. & Isr., 71; author of Perpetual Dilemma, Jewish Religion in the Jewish State, 77; Chmn, Isr. Cl. f. Soviet Jewry, 70-; M.K. Likud 73- (Dep. Speaker of Knesseth, 73-74); Knesseth rep. at Cl. of Europe, Strasbourg, 63, 72; mbr, Isr. Deleg. to UN Gen. Assbly, 75, 77; elected Knesset, 1959 (Gen. Zion); 1961 (Liberal Party); 1965, Herut-Liberal Bloc (Gahal) & 1969.

13 Ben Gurion Blvd., Tel-Aviv; tel. 239587.

ABRAMOVICI, Iancu; M.D., gen. surgery; urolog; Asst. Dir., Urology Dpt., Kaplan Hospital, Rehovot; b. Rumania, 28.5.1925; ed.: Med. Fclt., U. of Yassy; to Israel, 1960; m. Denise Beraru, chem.; s. Ilan; d. Sylvia; p. Chrgc. Clinic, "Parhon",

U. of Bucharest (52-60); Chrgc. Dpt., Carmel Hosp., Haifa (60-61); Chief Surgeon, "Meir", Kfar Saba (62-64); Chief Urlg., "Kaplan", Rehovot (64-); publ.: "Study of Late Results After Prostatectomy Pubic Asteitis Following Operation"; "Consideration on 3 Cases of Pycloureterial Tumors, Amaurosis, Following Hemoerhage" (case report); "Epigastric Hernia".

18 Moskovitz St., Rehovoth; tel. 951887.

ABRAMOVITZ, Yehuda Meir; Rabbi; M.K., 71-; Gen. Secr., Agudat Israel Org.; Vice-Mayor of Tel-Aviv, & Head of Social Welfare Dpt, Tel-Aviv Municipality, 56-69; b. Poland, Sept. 3, 1913; m. Hannah Voideslavsky; 2. s.; 2 d.; educ.: rabbinical college; to Israel, 35; appointed Gen. Sec., Agudat Israel, 41; several missions to Europe & U.S.A. on behalf of Agudah; articles on religious affairs, education and politics to periodicals; Vice-Pres. Relig. Council, Tel-Aviv.

24 Trumpeldor St., Tel-Aviv, Tel. 55688.

ABRAMS, Samuel L.; bus. exec., Abrams & Associates, Public Relations; J.N.F. (executive committee), Bonds for Israel (exec. comm.), Bellefaire Jewish Orphan House (board member); President, B'nai Brith; brd mbr: Menorah Park Home f. Aged, Ymca, Park Syn., 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.; Secr., Cleveland Bicentennial Commission; Chairman, Cleveland Beautiful Committee; mbr: City Club of Cleveland, Advertising Club, Gt. Cleve. Growth Assn, Kiwanis Club, Alumni Assn of Western Res. U.; Councilman, City of University Heights, Ohio; Outstanding Alumnus Award, Case Western Reserve University and Cleveland Marshall Law School of Cleve. State U.; Citizen of Year-University Hts.

2420, S. Belvoir Blvd, University Heights, Ohio 44118, USA.

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 Developas "A Manual For Day Camp Counselors", ment" (a Doctoral Dissertation); some 20 monographs & bulletins in diverse topics 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.

6401-07 Forbes Ave, Pittsburgh, Penna. 15217, USA.

ABRAMSKY, Jacob David; Writer, translator, lecturer; b. in Moghilev, Smoliani, 3.3. 1914; m. Zerta Gurewith; 2 s.; 1 d.; to Israel, 1937 from Russia, where he had been imprisioned for Zionist activities; publ.: "In Defense of Diletantism", 1943; "Eternal Jew", 1943; "On the Book 'Shevet Yehuda' ", 1952; transl. works by Antokolsky Tanenbaum, Yona Rosenfeld, etc.

18 Columbia St., Kiryat Menachem, Jerusalem.

ABRAVANEL, Claude; composer, pianist; Dir., Music Library & Museum of Musical Instruments, Jer.; lecturer, Rubin Academy, Jerus.; b. Montreux, Switzerland, 16.7.1924; to Israel, 1951; ed: Conservatoire de Musique, Geneve (with Dinu Lipatti), 44-48; Ecole Normale de Musique, Paris (with Yvonne Lefébure and Arthur Honnegger), 48-51; m.: Sara Treves, 1953; 3 ch.; teacher, music theoretical subjects; mbr: Isr. Musicolog. Scty; Isr. League of Composers: "Acum"; League of Librarians in Isr.; Coord. f. Isr. of RILM (Intl Repertory of Music Lit., N.Y.); articles on musicology; awarded: "Prix Bach", Basel 43; "Prix Held", Genève 44; Bibliography on Claude Debussy, Detroit 74.

55, Ramban St., Jerusalem; Tel. 33354.

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-.

13, Yossef Nassi, Tel-Aviv.

ADAR, Joseph; Eng. (civil, electr., nuclear); Assoc. Prof. Nuclear Eng., Ben Gurion U., Beer-Sheva & Technion Haifa; mbr. Isr. Atomic Energy Comm.; head, Power & Water Div., Isr. Atomic Energy Comm., 67-; b. Haifa, 22.2.1925; ed.: French U., Beiruth, 42-45; Ecole Française d'Ingénieurs de Beyrouth, 42-46; Ecole Supérieure d'Electricité, Paris, 47-50; studied nuclear eng. at various institutions; m.: Chaya Vronsky, 1959; s. Ori; d. Yael; Assist. City Eng., Rishon le Zion, 46-47; Electr. Eng. & Head of Operation & Maintenance Dpt., Tel-Aviv area network, Isr. Electrical Corp., 50-57; Reactor Project Mng., IAEC, 57-61; Dep. Mng., "Dead Sea Works Ltd.", mbr. of Mngt C'tee & responsible for devel. projects, 61-64; Reactor Project mng., Joint Sea-Water Desalting Project (P.M.'s Office), 65-67; mbr.: Sub-C'tee for Power & Water, IAEC; cnslt., National Council for Research & Devel. (P.M.'s

Office) on desalination r. & d. problems; Water C'tee, Natl Council for R & D.; Brd of Dirs, Isr. Oceonographic & Limnological Res. Ltd.; Israel Nuclear Society; Brd of Dirs, Israel Desalination Engineering Ltd.; Assn of Eng. & Arch., Israel; Atomic Industrial Forum, Inc., New-York; numerous publications on desalting plants, develop. of electric power, etc.

13, Nahum St., Ramat Chen, Ramat-Gan; Tel. 749514.

ADAR, Zvi; M.A., Ph.D.; Prof. of Education Hebrew U.; b. Petach Tikva, 1917; teacher, Beth Hakerem Secondary School, Jerusalem, 38-41, 46-53; Dir. School of Educ., Hebrew U., 58-65; publ.: "Educational Values of the Bible", "The Foundations of Education"; 69-72, Dean, F'cty of Humanities, H.U.

6 Charlap St., Jerusalem.

ADELMAN, Albert B.; Hon. Natl Chmn & p. Natl Chmn UJA; mbr Brd of Govs., reconstituted Jewish Agency; 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.

Milwaukee, Wisconsin, USA.

ADELMAN, Donald; educator; Exec. Dir., Am. Zion. Youth Fndn; b. 23.1.1938, Bridgeport, Conn. USA; ed.: Columbia U., B.A., 60; J.T.S., B.R.E., 60; Ohio State U., M.A.; currently N.Y.U, candidate Ph.D. in Ed., Judaic studies; m. Marlene Kaye; 3 ch.: William, Caren, Tevin; p. Exec. Brd Educators Assbly (now mbr); p. Natl V.P., Student Zion. Org.; p. Dir., Isr. Programs, Am. Zionist. Youth Fndn; p. Dir., Camps Ramah of J.T.S. in Canada, Glen Spey, New England; p. Dir., Leaders Train. Fllwship; p. Assist. Prince., Youth Dir. (now fllw), of Pilot Sch. of Melton Res. Center; mbr: Natl Assn Jewish Ed., Brd of Trust. of Rosh Pina Fndn; public speaker; staff trainer; coord. ed. functions & cnslt f. Youth & ed. inst.; grad. Inst. f. Youth Leaders from Abroad, 55; spent one year Sabbatical in Isr., 72; pioneered, initiated & devel. the Tikvah Program; recip. 2 outst. Alumni Awards of the Teachers Inst., J.T.S. of Am.

36 Quaker Ridge Road, Stamford, Conn. 06903, USA.

ADLER, Chaim; sociologist; snr lctr in sociol. & ed., HU Jer.; dir., Center f. research in ed. of the disadvantaged, Sch. of Ed., HU Jer.; b. 1928, Prague; to Israel, 1939; ed.: Rehavia HS, Jer., -47; HU Jer., soc. & ed. — M.A., 53; Ph.D., 65; m.: Bath-Sheva Yosha; 2 d.: Ayelet, Hagar; Secr. Gen,. Isr. Boy Scouts Assn, 51-52; Shaliah to Youth in USA ("Young Judaea"), 54-56; mbr: P.M.'s Comm. on Children & Youth under Stress (mbr of steering c'tee & chmn, sub-c'tee on informal ed. cmmty work); Isr. Ed. Ctee; publ. on social & ed. topics.

11 Brodi Str. Jerusalem.

ADLER H.G.; Prof.; free lance scholar & writer; mbr, Brd of Intl Cl. of Jews from Czechoslovakia; b. Prague, 2.7.1910; ed.: Prague U., Dr. Phil., 35; m. Bettina Gross; s. Jeremy David; w. Jewish Museum, Prague, 45-47; publ. 19 books, among them: "Theresienstadt 1941-1945"; "Die Verheimlichte Wahrheit/Theresienstädter Dokumente"; "Der Kampf gegen die 'Endlösung der Judenfrage"; "Die Juden in Deutschland"; (ed. w. others) "Auschwitz, Zeugnisse und Berichte"; "Der Verwaltete Mensch /Studien zur Deportation der Juden aus Deutschland"; "Die Freiheit des Menschen"; award.: Leo Baeck Prize, 58; Charles Veillon Prize, 69; Buber Rosenzweig Medal, 74.

47 Wetherby Mansions, London SW5 9BH, England.

ADLER, Matitiahu; M.A.; Dir. Gen., Bar Ilan U., 64-; p. head, Zonal & Rural Cls. Dpt.; Dep. Mayor of Ramat-Gan; b. 18.6. 1920, Prague; married; 3 children; educ.: Hebrew University; Police inspector, 44-47; chief of Traffic dpt., Jerus. district, 48-50; chief assistant to Jerus. District Commissioner, 50-52; head of Division, Min. of Interior, 52-63, chmn, Appointed Municipal C'tee f. Beer-Sheba, 63-65.

26, Yahalom St., Ramat Gan.

ADLER, Robert L.; insurance exec.; p. Pres., J. Wlfr Fnd, Chicago; p. Pres. Jew. United Fund of Chicago; Am. Jew. Historical Scty; Pres., Natl Jew. Wlfr Brd; Vice-Chmn, Un. of Am. Heb. Congregations; born 30 Jannuary, 1918 in Chicago, Illinois; ed.: Un. of Ill. — Commerce, B.S., 40; m.: Jean Schrayer; 3 ch.: Sandi, Steven, Ruth; Gen. Chmn, J. United Fnd Campaign, 71; p. Pres.: Chicago Fed., U.A.H.C.; Beth Am Syn., Chicago; p. V. Pres., Associated Agencies Inc.; President Phi Epsilon Pi Frat.; mbr: Brd Cl of Jewish Welfare Fnd & Feds; Brd of Dirs, Jackson Park Hosp. Fndn; Exec. Cl, Chicago Cl Boy Scouts; Better Boys Fndn, Chicago; Chicago Brd of Underwriters; Chmn, Adv. Brd, J. C'tee on Scouting, Chicago; etc.; trustee: Rabbinical Pension Board; served and retired US Army Lt. Colonel Armoured Artill.; recip. Bronz Star Medal w. Oak Leaf Cluster; Air Medal w. Oak Leaf Cluster; Croix de Guerre.

Residence: 4950 Chicago Beach Dr., Chicago, Ill., USA.

Office: 175 West Jackson Blvd., Chicago, Ill.

ADLER, Samuel Irwin; Pres., Southern General Builders Inc.; V. Pres., Greater Miami Fed. of Jew. Charities; mbr, Natl

Exec. C'tee of U.J.A., 76-77; Deleg. of Jew. Agency, 74, 75, 76, 77; mbr, Board of Governors, J. D. C. ; delegation to the Reconstitutional Jewish Agency, 74,75; m. Bernyce Shinensky; 3 ch.: Karen R., Michael M., Sara Lee.
590 Lakeview Drive, Miami Beach, Florida, 33140, USA.

ADMONI, Yehiel; agricultural economist; M.A.; Dir. Gen., Land Settlement Dpt., J. A., 69-; b. Tel-Aviv. 17.6.1926; ed.: H.U., Jer.; Purdue U., Lafayette, Indiana USA; m. Zafrira Schour; s. Ehud; d. Talia; p. Dir. Gen., Agriculture Extension Service; mbr: Brd of Dirs, Mekorot; Intl Assn of Agric. Economists.
16, Alfassi St., Jerusalem; Tel. 32461.

AGAMI, Uri; Gen. Secr., Haifa Org. of Labor Party (Mifleget Haavodah); b. 24. 11.1935, Haifa; m. Alisa Cohen; 3 children: Arnit, Eldar, Amirit; former member, Rafi secretariat, Haifa; p. secr., Hamishmeret Hazeira, Mapai; p. secr., Hanoar Haoved & Workers Cl., Haifa; now, mbr of Natl Bureau & C.C. of Mifleget Haavodah; mbr, Dir. of faction of Maarach to Histadruth & Chmn of Maarach faction to the 13th Convention of Hist.
18, Kalisher St., Neve Sha'anan, Haifa; Tel. 235661.

AGASSI, Eliahu; Gen. Editor & Dir., Histadrut Arabic Publishing House, 62-75; intensive collection & study of Iraqi Jewish folklore; active member of: Yeda-Am Folklore Society, Tel-Aviv; Iraqi Jews' Traditional Cult. Center, Or-Yehuda; Iraqui Jewish Society for the Promotion of Research and Creativity, Ramat-Gan ; 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.
9, Liessin St., Tel-Aviv; Tel. 254968.

AGASSI, Joseph; M.Sc., Ph.D.; Prof. of Philosophy, Tel-Aviv U. & Boston U.; b. 5.5.1927, Jerusalem; ed.: Tachkemuni Sch., Jer.; Yeshivot Aluma & Mercaz Harav; H.U. Jer. & London U.; m.: Judith Buber; d.: Tirzah; s.: Aharon; p. res. assoc., Center f. Advanced Study in Behavioral Sci.; p. lctr, London U.; p. Assoc. Prof. Hong-Kong & Illinois U-ies; p. Visit. Prof., H.U. Jer.; publ.: Towards an Historiography of Science, 63, 67; The Continuing Revolution: A History of Physics from the Greeks to Einstein, 68; Faraday as a Natural Philosopher, 71; Science in Flux, 75. Towards a Rational Philosophical Anthropology, 77; (in Heb.) Letters to My Sister, 77.
161 Hakedmah St., Herzliah B.

AGMON (Wagman), Abraham; economist; Mng. Dir., "Delek" The Isr. Fuel Corp. Ltd, 76-; Dir. Gen., Min. of Fin., 70-76; p. (-70), Director of Budgets, Ministry of Finance; b. Poland, 1928; m. Deborah Ephrati; 2s.; educ.: Hebrew U. (Econ. & Statistics); to Israel, 1947; in var. posts Min. of Fgn Affs (Isr. Embassy Moscow & Warsaw) & Min. of Finance.
14 Aluf Simhoni St., Jerusalem; tel. 02-34501.

AGRANAT, Simon; LL.D.; judge; Pres. Supreme Court, Jerusalem (65-); b. U.S.A., 1906; m. Carmella Friedland; 2 d.; 2 s.; educ.: Chicago U.; to Israel, 1930; advocate in private practice, 1931-40; magistrate, 1940-48; Pres., District Court, Haifa, 1948-50; award, Israel Prize, 68; Chmn., Inquiry Comm. into Yom Kippur War, 73.
62b American-Canadian Qu., Jerusalem.

AHARONY, Amnon; Assoc. Prof. of Physics, Tel-Aviv U.; b. 7.1.1943, Jerusalem; ed.: H.U. Jer. — B.Sc., 64; M.Sc., 65; Tel-Aviv U., Ph.D., 72 (all in Physics); m. Leah Eckstein; 2 ch.: Ofer, Tamar; p. res. physicist: Isr. Min. of Defence, Cornell U., Harvard U., U. of Calif. Bell Labs (USA); publ. more than 70 sci. papers in intl journs & books, mainly on statist. mech. & phase transitions; lctrs on this work in more than 10 intl confer.; award. Fulbright Scholarship by USA Gov. (res. in USA), 72-75.
5, Simtat Savyon, Ramat Hasharon.

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; moderates Radio talk Show; prod. in dept. interview series of Isr. thinking; Head of Jew. Agency, Scandinavian countries, 73-75.
135, Hebron Road, Jerusalem.

AKAVIA, Abraham; C.P.A. in private practice; b. Kolno, 15.12.1916; m. Ruth Milioni; 3 sons: Gideon-Yoseph, Eliahu; youngest son Captain Uri Michael Armoured Corps, killed in act. Oct. 6, 73; aw. "Ot Hamofet"; 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; Operations Officer, Haifa Distr., I.D.F., 48-49; Property Tax Comm., 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).
9 Sderot Hazvi, Haifa; tel. 84854.

AKAVIA, Margalith; ltcr & auth. of books on physical educ., recreation & games; b. Poland, 1918; to Israel, 1925; ed.: Niels Buck Gymn. Sch., Denmark; U. N.Y., phys. cult. & recreation; T.T.C., Tel-Aviv; U.T.A.; Callistenics Tchr Dipl., B.A.; m. Uriel Akavia; d. Roni; 2 s.: Naaman, Eden; spec. contrib., games & play cul.; invent. hundreds of games and perfect. known games & hobbies; publ. ten books used in sch., army, youth groups, famil., Radio and T.V.; prof. advis. to many ed. inst. in games and phys. educ.; mbr: Natl Comm. Phys. Ed. Tchrs; AKIM (Isr. Assn f. Rehabil. of Mental. Handicapped); Olympic team sent Women Olymp., London, 34; teaches at Tel-Aviv & Bar-Ilan Univers.; recip.: Dov Hoz Prize in phys. educ.

41, King Solomon St., Tel-Aviv; P.O.B. 11193; Tel. 238530.

AKAVIA (JACOBOVITZ), Uriel; M.A.; school psychologist; specialist in guidance & counseling; lectr.; writer; b. 1911, Warsaw; m. Margalith Saphir; 2 s., 1 d.; educ.: Heb. Univ.; N.Y.U.; to Israel, 1929; more than 30 books in print: textbooks in psych., history & geogr.; many reprints; 3 hist. novels; 5 Japanese Anthol.; fortnightly columns in 'Hed Hachinuch' & 'Maariv Lanoar'; contributes regularly to 'Eythanim', 'Bisdey Hemed', Radio; Popular lctr to parents, tchrs, adolescents; military pers. widely used diagnostic test: 'The Students' inventory'; mbr of tchrs, psych., editors & newsp. org., writers club 'Miloh', Int. Org. of Rorschach Experts. Scholastic prize Hebrew Univ.; N.Y.U.; Municipal Dov Hoz prize (with wife).

41 King Solomon St., Tel-Aviv; P.O.B. 11193; tel. 238530.

AKAVYAHU, Itzhak; writer; m. Exec.Brd, Heb. Writers Assn; Intl P.E.N. Assn; b. 1918, Germany; to Israel, 1939; ed.: Germany & Isr. U-ies; teacher, high sch.; 5 collections of own poems & 2 coll. of transl. poetry (Browning, Michaux, etc.); transl. f. radio & theatre; collect. critical essays (Lifnim mishurat hashir); also prose transl. (Rilke, etc.); Creativity Prize by P.M.'s Fund, 76.

5, Koresh St., Haifa; Tel. 526569.

AKZIN, Benjamin; Dr. Rer. Pol.; Dr. jur.; S.J.D.; Prof. (emer.); Pol. Sci. & Constitutional Law, Hebrew U.; b. Riga, May 6,04; m. Ilse Loewenthal; 1 s.; 1 d.; educ.: Vienna, Paris, Harvard U.; Assistant Harvard U., 34-36; mbr of Presid., New Zion. Org., 36-40; U.S. Lib. of Cong., 41-44; U.S. War Refugee Brd, 44-45; Am. Zion. Emerg. Cl., 45-49; to Israel, 1949; visiting prof., Michigan U. (53)'; New York U. (54-55); Heidelberg U. (63); U. of Paris (68); Harvard U. (69); Dean, Law Faculty, H.U. Jer., 51-54, 56-58; 61-63; Hon. Pres. Isr. Pol. Sci. Assn; Hon. Pres., World Federation of UN Assn's; Author, "Problemes fondamentaux du droit international public", Paris, 29; "Reflexions sur la science et l'education politique aux Etats Unis", Paris, 38; "New States and International Organizations", Paris, 55; "Principles of Public Administration" (Hebrew), 52; "Theory of Government" (Hebrew), 63-66; "State and Nation", London, 64; Project of a Constitution for Israel (Hebr.), 65; "Topics in Law and Politics" (Heb.), 67; "Looking at the Passing Scene" (Heb.), 75; Award, Israel Prize, 67; Rector and Acting Pres., University of Haifa, 69-72.

5 Bartenura St., Jerusalem, Tel. 32955.

ALBECK, Michael; chemist; Prof. Chem. Dept., 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.

8 Harel St., Ramat-Chen, Ramat-Gan; tel. 745649.

ALBECK, Shalom; Prof. of Law & Talmud, Dean of Law Fcty, mbr Brd of Trust. & its Exec. Cl., Bar-I. U.; b. 4.9.1931, Berlin; to Isr., 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; 3 d.: Rachel, Rivkah, Bathia; in IDF, 48-50; lctr, JTS of Am., 60-63; mbr. Israel Bar; publ.: "General Principles of the Law of Tort in the Talmud" (Heb.); "The Law of Property and Contract in the Talmud" (Hebrew); articles on Jewish Law & its history in prof. journals.

9 Batei Machaseh 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, 71-75; 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 Irom; 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, Toronto, Canada; Streched Scrolls, Kiriat-Gat, 70; Confrontation, Holon, 74; The Breast Plate, Technion Haifa, 75; Hymn to David, Antwerpen, 75; Yizkor likdoshei Klooga, Beth Lochmei Hagetaot, 75; Rijksmuseum Kröller muller, Holland, 76; Bamistarim, memorial garden, Mount Scopus, Jer., 76; Scroller Yad Vashem, Jer., 77; sculp. complet., Acad. des Beaux Arts, France; recip.: Struck Pr., by Haifa Munic., 57; Dizengoff Pr., 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.

55, Tschernihovsky St., Jerusalem.

ALEXANDER, Mordecai; Rabbi; Prof. of Talmud, Mount Zion Yeshiva; Chairman, Tvuno Inst., Jer.: b. Chicago, Ill., U.S.A.; to Israel, 1973;ed.: Chgo Jew. Acad., Jew.U. of Am. Chgo, H. Theol. Coll. Skokie, Ponevitz Yeshiva Bnei Brak, Rabbi Ch. Berlin Rabb. Coll. Brooklyn N.Y., Tvuno Rab. Coll. Brooklyn N.Y.; m. Jeannie R. Chroman; 2 s.: Aron, Shlomo; 2 d.: Liora Freda, Devora; p. Rabbi, Biddeford Jewish Center, Biddeford Maine; p. Kosher Supervisor, Un. of Orth. Jew. Cngn, New York; writer in: Intercom — Journal of Assn of Orth. Jew. Scientists. N.Y.; Jewish Press — weekly, Anglo-Jew. Newspaper, Kerem, Intl monthly.

Neve Yaakov 210/99. Jer.; tel. 02-855209.

ALHANATIS, Daniel; Pres., Union of Greek Zionists Greece, 65-70; Pres., KKL, Greece, 65-; Secr. Gl, Hellas—Israel, 64-71'; 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., Bnei Brith, Athens, 66-; Leg. Advis. Isr. Dipl. Rep. in Athens, 53-.

2, Nikis St., Athens, Greece.

ALLON, Yigal; M.K.; Dep. Prime-Min. of Israel & Min. of Frgn Affairs, 74-77; Dep. P.M. & Min. of Education & Cult., 69-74; 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 Egipt. 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); "My Fathers House"; married; 2 children.

Kibbutz Ginossar.

ALLONY, Nehemya; Orientalist; Hebraist; Prof., Ben Gurion U. 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. & Cult.; Prof. Regius, U. of Beer-Sheva; auth. of: Mitorat ha-Lashon veha-Shira Bimei Ha-Beinayim; Mehqarim be-Sifrut Yemei Ha-Beinayim; "Ha-Egron", by Rav Saadia Gaon; Dunash ben Labrat. Poems; Scansion of Medieval Hebrew Poetry; Geniza Fragments of Rabbinic Literature; Ya'aqov ben El'azar, Kitab al-Kamil. works on Hebrew Medieval poetry and language; papers in scientific periodicals (Hebrew, English, French, Spanish).

41 King George Ave., Jerusalem; Tel. 02-65379.

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"; author & host of popular T.V. ("I sang for thee, my country").

Mishmar-Hagvul St., Tel-Aviv.

ALMAGOR, Elisha; Dir. Gen., The Israel Trade Fairs Center Ltd.; born 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, Michael; Dep. Mayor, Kfar-Sava; Chmn, Israel Football Assn; b. 27.11.1923, Israel; ed.: Bar-Ilan U.; p. Gen. Dir., Dpt. f. Municipal Affairs, Labour Party, C.C.
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ALMOG, Shmuel; B.A.; M.A.; Journalist, broadcast; p. Dir. Gen., Isr. Broadcast. 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.
18 Eshkol Blvd., Jerusalem; tel. 80980.

ALMOGI, Josef; Chairman, Jewish Agency & W.Z.O., 76-; M.K. (elected to Parliament, 55); p. Mayor, Haifa, 73-76; Min. of Labour, 68-73; 62-74: 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 (Min. without Portofolio), 61-62; joined Rafi Pty (Isr. Labor List), 65; joined Alignment Pty, 68.
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", etc.; mbr. Kibbutz Beth Hashita, 38; lectures, broadcasted weekly, in "Nof Artzenu", 59-; active in promoting Nature Conservation; elected, Secretary, Scty for Protection of Nature.
Kibbutz Beit Hashitta.

ALON, Gad; President, Shenkar College 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, 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), 8, 9; 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 and his Country"; "The Rights of the Child in Israel", "The Arrangement"; formed the movement f. the rights of the citizen, 73; Min. without Portofolio, 74; perm. column in "Yediot Ahronot", "Woman"; also author of "Women as human being".
Kfar Shmaryahu.

ALPAN, Moshe; Mng. Dir., A.M.P.I. Ltd., Gen. Mng., Carmiel, Ing. Braun & Co. Ltd.; Koor Intertrade Ltd. & Alda, Isr. 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.

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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.; Intl 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; p. Sect., 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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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; Chmn, Natl Exec. Brd of Scout Org.; Intl Commiss. of Scout Fed.; Chmn of finance c'tee & p. chmn Intl Relat. c'tee, Israel Scout Assn.

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ALTERMAN, Israel; Dr. Eng.; M.Sc. (Tech.), M.Sc., C.E. (Hydrotech.), Fellow, American Scty of Civ. Eng.; Fellow, Inst. of 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, 1'932; widower (Prof. Dr. Zipora S.); ch.: Ilan, Moshe; head, dpt. Struct. Design, Mekoroth Water Co. (50-53); head of dpt. Pine Lines Design Tahal (53-54); head of department, Dan Region Sewerage Scheme, (54-58); head of dpt. large pipe design, Jordan-Negev Scheme, oil lines, etc. (58-63); consult. on bridges, rivers & sea front structures, tunnels, pipelines, 63-; rec. Govt. "Kaplan Prize" (twice); Arnan Prize (Assn of Eng.); patents on piles made with laser beams, on concrete strong in tension & on stressed rocks; also engaged in town planning works.

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AMADO LEVY-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 10 books & 170 publ. on philos., theology, psychoanalyse, 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.

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AMIAD (Klivaner), Ariel; B.Sc., Master Publ. Adm.; Gen. Manager, Israel Electric Co. Limited, 74-; Chairman, Israel Management Center; formerly Director General, Ministry of Agriculture; p. Deputy Mayor Tel-Aviv—Jaffo; born in Israel, 10.8.1924; married Rina Mirskandov; daughters: Tal, Orit, Esther; educ.: B.Sc. (with distinction), M. P.A. (idem); p. dep. dir, Settlement Dpt.; chairman, boards of agricultural & 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.

AMIR, Aharon; writer, poet, editor, translator; b. 17.5.23; ed.: Jerusalem U., oriental studies; m. Bettine Margalith; 3 ch.; p. editor, "Keshet" lit. quart.; 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, Jacques; M.K. (Ma'arach); mbr: C.C. Isr. Labor Pty, Cl. of Histadruth; b. 15.3.1933, Morroco; to Israel, 1952; ed.: metallurg. tech.; grad. high courses of metallurg. & foremen; grad. Inst. of Intl Wld Org., Geneva; B.I.T., high course of Bus. Adm.; m. Orah Tsoref; 2 d.: Michal, Vered; s. Eyal; p. act. in "Dror" Mov. & Haganah in Morocco; p. mbr Kibbutz Ginossar (dur. 6 years); p. mbr: Worker Cl. of Dead Sea Works, Exec. C'tee of Histadruth, Dep. Mayor of Dimona (resp. f. ed.); mbr of 8th Knesseth (in var. c'tees of the Knesseth); act. in worker cls in indust. & serv.; var. missions abroad; publ. in daily press & periodicals in the Negev; recip. Histadruth team prize f. book of profess. problems of workers in Dead Sea Works; "Ot Aleh".

16 Hamaaleh St., Dimona.

AMIR, Shimeon; M.A., Ph.D..; Head, Policy & Planning, Civil Service Commission, 75-: during 70-74: Assist. Director General, M.F.A.; Chmn, Isr. Chptr SID (Scty f. Intl Coop.), Head, Edit. Board Kidma", 74-; born 15.2.1921, Poland; married Shulamit Englander; 4 children; 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; Dir., Intl Coop. Div., 68-70.

18, Bialik St., Jerusalem.

AMIR-PINKERFELD, Anda; writer; b. Razeszow, Poland, 26.6.1902; m. Arie Amir; q.v.; 1 s.; educ.: Polish U.; to Israel, 1923; D.P. camps in Germany, 46-47; author of "Yamim Doverim"; "Yuval"; "Meolam"; "Dudaim"; "Ahat"; "Gadish Vaomer"; "Mishpat Benei Hayaar"; "Kochavim ba-Dli"; 'Tehiyoth", "Shirey Yeladim", "Shalom Yeladim", "Scharshereth Pele"; "Ani shar meushar"; recip. Prizes: Bialyk, Ruppin, Chaim Grinberg.

87 Ahad Haam St., Tel-Aviv; Tel. 225624.

AMIT, Jacob; journ.; senior edit. "Al-Hamishmar" b. Kaunas, 25.2.1904; m. Breina Bavilskit; 2 d.; 1 s; att. courses in literature, history & sociol.; to Israel, 1929; p. mbr., Zionist Council; member, Histadrut Council; p. mbr, Presid. Editors' Cl.; p. 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; Min. of Transports & Communications, 77-; Aluf (res.); p. Pres. Koor Industries Ltd., 68-76; p. Major Gen., Israel Def. Forces; b. Tiberias, 1921; m. Yona Kelman; 3 ds.; educ.: Columbia U. M.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.

Jerusalem.

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).

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AMITAY, Dan; B.A.; art teacher, lecturer in art; born in Bessarabia; married; 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; plays f. puppet-theater; child. plays; books on art teach. in schs, psychol. of. child. art,

etc.; regular contrib .to pedag. publications.
Kibbutz Sarid, Afuleh.

AMITAY, Morris J.; Exec. Dir., American Israel Public Affairs C'tee (AIPAC), 74-; b. 1936, New York City; ed.: Ramaz Day Sch. N.Y. (is fluent in Heb.); Columbia Coll., B.A. (Pol. Sci.), 58; Harvard Law Sch., J.D., 61 & Master degree in Pub. Adm. (spec. in intl law, was a member of Dr. H. Kissinger's Defense policy Seminar); Frgn Serv. Off. in Dpt. of State, 62-69 (incl. assignments in Italy, Washington, South-Africa); leg. asst. to Rep. Bob Kastenmeier of Wisc., 69; sen. leg. aide in Senator Abe Ribicoff's Senate staff; during 5 years in Senate, played a leading role in org. Senate initiatives & in drafting leg. and letters affecting Isr. and Soviet Jewry; visit. Isr. on a regular basis where he meets with Isr. top leadership.
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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 Councillor (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); "Judaism in time of Confusion" (75); contrib. to "Hamashkif", "Haboker", "Herut", etc.
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ANATI, Emmanuel; archeol.. anthropolog., author; 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; Prof. of Prehistory, Tel-Aviv U., 69-72; archaeol. 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; author of: "Palestine before the Hebrews", N.Y.; Cannonica Valley", London; "Evolution and Style", Capo di Ponte.
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ANTEBI, Eliahu; surg.; Clin. Assoc. Prof., Head, Dpt. Surg. B, Hasharon Hosp., P.T.; Fllw, Am. Coll. of Surg.; b. 10.3.1936, T.A.; ed.: Herzliah HS, Tel-Aviv; H.U. Hadassah Med. Sch., Jer.; outside courses: Tuft's U. & Boston U., Boston Mass.; m.: Varda Dunajewski; 3 daughters: Orna, Ronit, Galia; 1 son: Dan; member: Israeli Med. Assn, Israel Surgical Association, Israel Scty f. Gastroenterology, Isr. Scty of Angiology, Intl Cardiovascular Scty, Société Internationale de Chirurgie, Tuft's section of Sigma Xi; over 30 sci. publications.
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APELBAUM, Izaac; Mng. Dir., Bank "Otzar Amami"; mbr: Exec. C'tee, Histadrut Ovdim Leumit; Cent. C'tee, Kupat Holim Leumit; Council, Hamerkaz Haatzmai; b. 6.12.1914, Lublin, Poland; to Israel, 1939; m. Malka Zasler; 3 sons.
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APELBAUM, Malka; writer, poetess, pedagogue; b. Ostrowiec, Poland; to Brasil, 1937; establ. in Israel, 1976; his 1st lit. work was publ. by "Radio de Varsovia", 33; p. collab. w. "Opinja" & "Haintique Naies", Warsaw; p. mbr of "Farn Folks Gesunt", group, Buenos Aires (articles on Infantil Psychol.); over 700 lit. works publ. during 40 years lit. activity; 27 poems publ. u. pseudonyme "Bat Israel" (among them songs w. music composed by Henrique Niremberg & Miriam Diamant); her works were pub. Rio de Janeiro, Sao Paolo, Buenos Aires, New York, Montreal, Mexico, Johannesburg, Paris & Tel-Aviv; books: "Novo e Velho Lar", "De Coracao para Coracao"; "Vontade de Voltar ao Primitivismo"; in print: Grandes Vultos da Historia Judaica" (articles appeared in "Menorah"); two books in Iddish: "Naie in Alte Heim", "Fun Hartz zu Hartz"; now Isr. corresp. of "Menorah", Zion. periodical, Brasil.
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APPLEBAUM, Shimon; archaeologist; historian; B.Litt., D.Phil., Oxon.; Prof., School of History, Department 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; Archaeological Survey of West Samaria; 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); "Prolegomena to the Study of the Second Jew. Revolt", 76; contrib. to Compendium rerum Judaicarum N.T.; contrib. to Wld Jew. His., vol. VIII; Visit. Fllw, All Souls Coll., Oxford, 72-73; aw., Wolfson Research Grant, 1962; also, Tel-Aviv U.

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Cape (a standard work on the subject) as well as other works, i.a. Aspects of Jewish Econ. History, 75; p. Head, Dept. of Econ. at Rhodes U., Grahamstown, where he was also Dean of the Fcty of Soc. Sci.; SA Broadcast. Corp.; publ. num. series in econ. affs at the "University of the Air" programmes; Visit. Prof. at univ. and educ. inst. in England, 71; mbr Jew Agency higher educ. c'tee, Jer., 73; attend. confer., WZO in Isr. 74, 76; the only SA mbr of Pres. Katzir's ongoing sem. on "Israel and World Jewry".

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ATASHI, Zeidan; journalist, diplomat; M.K. (Dem. Mov. f. Change), 77-; b. 10.5. 1940, Osifiya, Israel; ed.: H.S. in Nazareth; Haifa U., B.A. (Arab stud. & Pol. Sci.); H.U. Jer., stud. to M.A. in Pol. Sci.; m. (wife's name, Zahiya); 5 ch.; one of most act. Druse young leadership, head worker's c'tees & educ. Druze mov., 63-69; w. Isr. T.V., 69-72; Assit. Prof., Haifa U., 70-72; 1st non-Jew. Isr. diplomat, Consul in New York & mbr of Isr. Deleg. to the U.N., 72-76; lctrs on M.E. Affs & the nature of Arab-Isr. conflict.

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ATLAS, Dalia; conductor, pianist, Music Prof.; b. Haifa, 1935; ed.: Rubin Acad. Music (piano); "Vacanze Musicale" — Conserv. Benedetto Marcello, Venezia; Acad. Cigiana-Siena; Viena-conduct: Basel-conduct. & contemp. music interpret: Israel-conduct.; m. (maiden name Sternberg); 1 d.; 2 s.; Music Dir. & Conduct. of: Israel Pro Musica Orch., Technion Symphony Orch. & Chorus; mbr of brd, Rubin Conserv. & Haifa Cl. f. Cult. & Arts; concerts in Israel w. var. music. formations, Royal Philharm. in Liverpool, The North. BBC Orch., Pro Arte Orch. in N.Y., Radio & T.V. Berkshire Festival in Tanglewood, Houston Symph. Orch.; educ. concerts w. explanations dur. 14 years as volunteer in border settlements, youth inst., new immigr. settl., handicaped children, etc.; recip.: Guido Cantelli compet., Italy, 63; Intl compet. f. conductors, Liverpool, 64; Dimitry Mitropoulos intl compet. f. conductors, N.Y., 64; Leonard Bernstein award, Berkshire Festiv. of Music, 66.

P.O. Box 17191, Haifa.

AUERBACH, Charles; attorney, educator; b. 15.7.1898, Russia; to USA, 1908; ed.: W. Reserve U. — B.A., 20; D. Jur., 22; Clev. Marshall Law Sch., LLM, 52; widower; 1 s.: David; Prof. Law, Clev. Marshall Sch.; Chmn, juvenile court comm., Clev. Bar Assn, 66-68; mbr: UJA Camp. comm.; B. B'rith Hillel Found, 53-56; Admin. C'tee, ZOA, 47-50; Wld Zion. Affs C'tee; Brd of Dirs, Bur. Jew. Ed.: lectr, Cen. Am. J.A., 45; J. Comty Fed. repr., Clev. Trecentenary Comm., 54; Pres. The Temple Men's, 52-53; auth.: The Talmud-Gateway to Common Law, 52; articles to journs.

Office: 531 Leader Building, Cleveland, Ohio 44114, USA.

AVGAR, Yigal; Dir., Bit-El Insurance Agency Limited; born 12.10.1948, Wroclaw, Poland; to Israel, 1957; ed.: School of Marine Officers, Akko; Polytechn., Milano Italy; Haifa U. — B.A. (Statistics, Pol. Sci.); m. Esther Avny; 1 s.; p. w. Isr. Navy; p. owner of A.J.G.A. Ltd. — Import & Manufact.

24, Hanna St., Haifa; tel. 24355.

AVIDA, Mordechai; B.A.; M.A.; Dir. Gen., Yad Ben Zvi, Jerusalem, 68-72; Ambassador to UNESCO, 72-74 (now retired); Dir. Gen., Yad Itzhak Ben-Zvi, 68-72; b. in Plock, Poland, 16.10.09; ed.: 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.

5 Hapalmach St., Jerusalem; tel. 02/33593.

AVIDAN, Daniel; Managing Director, Citrus and Canned Products Association — the largest single exporter in Israel of citrus and canned vegetable products.

12-14 Harakevet St., Tel-Aviv, P.O.B. 534; tel. 622581-62128.

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 & Russian; author of Penguin anthol. & others; one-man show of his Monoprojections at The Isr. Mus., N.Y.C. & other; 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.

AVIDAR, Abraham; Ambassador; Inspector General of Foreign Services of Israel; Assist Dir. Gen. of Frgn Affs; p. Min. (Inform.) at Isr. Embassy, Wash., Cons. Gen., 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; p. Spokesman & Dir., Press Dept. M.F.A.; 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; Russian Stud., H.U. Jer. — B.A., 71-73; post-grad., 73-.
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.

AVI-DOR (Vidor), Yoram; Prof. Bio-Chem., Tech.; b. Hungary, 5.2.1917; 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.

AVIGAD, Nachman; Prof. Em,. Archaeol.; 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; Israel Prize, 76; publ.: "Ancient Monuments in the Kidron Valley"; "The Genesis Apocryphon" (with Y. Yadin); "Beth Shearim III"; "Bullae and Seals from a Post-Exilic Judean Archive"; numer. articles in sci. periodicals; conducted arch. excavations at Beth-Shearim, Jewish Quarter in Jerusalem, etc.
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.

AVINERI, Shlomo; Prof. of Pol. Sci., H.U.; Dean, Fcty of Soc. Sci., H.U., 74-76; Dir. Gen., Min. of Frgn Affs, 76-77; b. 20.8. 1933 in Bielsko, Poland; ed.: Heb. 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 Pol. Sci., H.U., 69-71; 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.

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, E.T.A. Hoffmann, Ben Jonson, Goethe, Julius Fucik, Jaroslav Hasek, Bertoit Brecht, Joseph Conrad, Mihaly Babitz, Max Frisch, Attila Jozsef, Miklos Radnoti, Janos Arany and others; Mbr: Heb. Writers Assn; Societe d'Auteurs, Comp. et Edit. de Mus.; P.E.N. Centre in Isr.; Human & Civ. Rights (President); 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, Maariv, Al Hamishmar, Moznayim - 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), "Voices and Dialogue" ("Aleff", 77).
11, Gush Halav St., Holon; tel. 846595.

AVITAL, Moshe; educator; Assoc. Dir. & Act. Dir., Dept. of Educ. & Cult., Am. Sctn of W.Z.O.; ed.: Yeshiva U. — B.H.L. (magna cum laude), B.M.S. in Ed., Ph.D. Heb. Lit.; m. Anita Hershman; 3 d.: Leora, Sheara, Reva; mbr: Natl Cl. f. Jew. Ed., Histadruth Ivrit Princip. Cl. of Great. N. Y., Natl Bible C'tee, Natl Yediat Israel C'tees, comm. on teach. Zion. & Isr., J.N.F. Educators Natl Cl., Natl C'tee on Scholars in residence AZYF; p. princ., teach. & camp dir.; publ.: Hadoar, Olam Chadash, Bitzaron, Hatzofeh, Yedah Am, Or Hamizrach, Bitaon Chemed, Netivot Lamoreh, Jewish Education; lectrs on Holocaust, Zion. & Isr.; Rothman Memorial Award f. excellence in Jew. Stud., Yeshiva U.
515 Park Ave, New York, N.Y. 10022, USA.

AVIZEMER, Shimon; B.A.; Repres. of Histadruth to the USA, 78-; Chmn: Ma'arach Pty at Exec. C'tee of Histadrut, Dpt. f. Public Complaints Hist., "Mishlav" (High Sch. f. Adults), 74-78;p. 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); divorced; 2 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.
41a Einstein St., Ramat Aviv, Tel-Aviv.

AVNER Gershon; M.A. (Oxon.); Pres., Haifa University, 1977-; Secretary to the Israel Cabinet, 1974-1977; Director Off. of Commissioner f. Complaints from the Public (Ombudsman), 71-74; 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.
Haifa University.

AVNERY, Uri; journalist; past M.K.; editor-in-chief, "Haolam Hazeh" (weekly) 50-; Chairman, Haolam Hazeh — New Force Movement; co-founder of Isr. Cl. f. Israeli-Palestinian Peace; Chmn, Pol. Dept., Shelli Alliance; 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.
3 Gordon St., 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); "By the Rivers of Babylon" (Symph. Orch.); Ballets: "Lyric Episodes", "He and She", "The Loves of King David"; Electronic: "Synchromorask".
7, Zangwill St., Tel-Aviv; tel. 230775.

AVNON, Yaakov; V. Pres. & V. Chmn, Brd of Govnrs, Ben-Gurion U. of the Negev, 76-; Off. in Charge of Civil Service in Judea and Samaria, 1975-1976; Director, Israel Educ. Fund, USA, 72-74; 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.

AVRECH, Abraham; Dir., Alumni Office, Yeshiva U., 67-; spiritual leader of the Jew. Community House in Brooklyn; current. Rabbin. Cl. of Am. rep. to Synag. Cl. of Am.; b. 4.6.1919; ed.: Yeshiva Coll. B.A., 40; M.S. (comm. org.), 52; I. Elchanan Theol. Smnry, ord. Rabbi, 43; m. Minerva Keiler; 2 ch.: Robert, Caron; col. in the US Army, command chaplain of 353 Affairs Hq. "A" Res.; p. field dir. & civ. chaplain f. South Texas Area, Aberdeen Proving Grounds, Baindridge Naval Base & Perry Point Vet. Hosp., Maryland; rabbi, Auburne, Maine, 43-44; p. exec. dir., Hapoel Hamizrachi Cl. of Gt. New-York; past President Yeshiva College Alumni Association of Yeshiva Univers., New-York;

p. Pres., Assn of Jew. Milit. Chaplains of Armed Forces; trips f. the military to Labrador, Iceland, Bermuda, Azores, Newfoundland, Puerto Rico & Nova Scotia; also field trips f. the Natl Jew. Wlfr Brd & Commission on Jew. Chaiplancy; mbr; Relig. Affs C'tee of Syn. Cl. of Am., Isr. Comm. of Rabb. Cl. of Am.: comm. on Jew. Chaiplancy of Natl Jew. Wlfr Brd; Chmn, Yeshiva U. Athletic Assn; active in num. relig. & communal orgs.

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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, N.Y., 70; T.V. film: "More than a Prime Minister" — a biographical documentary on David Ben Gurion, 75.

80, Shelomo Hamelech, Tel-Aviv; tel. 246086.

AVRIEL, Ehud; Zion Action C'tee, 69-; Isr. Gen. Consul to Midd. West, USA. 75-; Advis to Minister of Frgn Affs, 72-75; Chairman, Zionist Executive, 70-72; p. Repres. of Ramat Hagolan settlements; 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.

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AVRIN, Leila; Lctr, Grad. Lib. Sch., H. U. Jer. & Sch. of Lib. Sci., U. of Michigan, Ann Arbor; b. Chicago Ill. USA (maiden name: Kopstein); 2 d.; ed.: U. of Michigan (History of Art) — B.A., 57; M.A., 66; Ph. D., 74; to Israel, 1974; res. in Jew. Art & History of Books & Printing; award.: Phi Beta Kappa, U. of Mich. Travell. Fellowship, 73; Natl Fndn f. Jew. Cult. Grant, 72; Memorial Fndn f. Jew. Cult. Grant, 73; Cecil Roth Trust Grant, 77.

22/56 Pinsker St., Jerusalem.

AVRON (Abramsky), Mordhay; B.S.; Ph.D.; Prof., Dpt of Biochem., Weizmann I., Chmn, Isr. Ntl Cl. of Res. & Dev., 67-75; 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-; Visit. Prof.: U. of Pennsylvania, 63-64; Brandeis U., 71-72; Carnegie Inst., 76-77; articles on biochemistry of photosynthesis.

8 Meonot Shine, Rehovot; tel. 951721.

AYALON, Mordecai; Mng. Dir., I.P.D. — Institute for Planning and Development (1970) Ltd.; b. 23.11.1923, Poland; to Israel, 1931; ed.: Balfour Highsch., T.A., 37-41; Technion Haifa, 46-51, B.Sc. (ENG), C.E.; m. Matatia Treister; 3 ch.: Nurit, Irith, Yoram; Exec. Eng., Mekorot Water Co. Ltd., 51-59; Chief Eng., E.N.W.P. & Cons. Ltd., Enugu, Nigeria, 60-64; Head Techn. Dpt., W.R.D. (Intl), Tel-Aviv, 65-69; Mng. Dir., W.R.D. (Intl) Peru Branch, 69-73; mbr: Brd of Dirs, Isr. Assn f. Intl Coop.; A.E.A.I.; Am. Scty of Civ. Eng.

25, Massada St., Ramat-Gan; Tel. 03-749219.

AYERS, William Hubert Mullard; Managing Director, ICI (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.

95 Haeshel St., Herzlia Pituach; tel. 932193.

AZRIELI, David J.; Arch.-Designer; Builder, Developer & Communal Leader; Pres. & Sole Owner of: Federal Leasing Corp. Ltd., Scanti Investments Ltd. & other corps; active f. Israel & Jewish people; mbr, Intl Brd of Govnrs of Technion, Haifa; V. Pres., Can. Friends of Technion, Montreal; Natl Brd of JNF, Can.; Govnr, Can. Park; mbr, Boards of Solomon Schechter Acad. & Can.-Isr. Chmbr of Comm.; Intl Brd of AAE Isr.; found. of Arava Settlement; b. 10.5.1922, Zichron, Israel; to Montreal, 54; m. Stephanie Lefcort; 4 ch.: Rafael Kenneth, Sharon Rochelle, Naomi Sara, Danna Joy; ed.: Fcty of Arch., Technion Haifa; B.A., U. of Montreal; serv. as Officer IDF, dur. the War of Indep. & took part in the liberation of Jerusalem; Dr. of Laws (Honoris Causa), Concordia U., Montreal, 75; recip.: Community Awards, State of Israel Bonds, Prime Minister's Medal.

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B

BABKOFF, Harvey; Assoc. Prof., Psychol. Bar-Ilan U.; b. 11.1936, Baltimore, Maryland; to Israel, 1971; Ner Israel Rabbin. Coll., Baltimore, Md. (ordained, 58); Columbia U. — M.A., 61; Ph.D. (Psych.), 64; m.: Miriam Poupko; 3d.: Tamar, Zahava, Avigayil; 2 s.: Nachum Isser, Avraham; Assist. Prof., Psychol.; Brooklyn Polytechnic Inst., 68-70; Queens Coll., New York, 70-71; Assoc. Res. Sci., State of New York, 68-71; mbr: Am. Psych. Assn, Scty of Neurosciences, Acoustical Scty of Am. Isr. Psych. Assn; publ.: papers on sensory neuropsychology, ophtalmic research, visual psychology; Interdepartmental Res. Fllw. A. Einstein Coll. of Med., Bronx, N.Y., 66-68.

8 Hagra St., Rechovot.

BACH, Gabriel; LL. B.; Barrister-at-Law; State Attorney, 69-; p. Dep. State Att., 53-69; b. Germany, 13.3.1927; m. Ruth Arazi; 2 s.; 1 d.; educ.: Amsterdam Hebrew & London U-ies; p. Legal Adviser to Bureau 06 & mbr of prosecution team in Eichmann trial.

30, Redak St., Jerusalem.

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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BACHI, Roberto; Dr. Jur.; Professor of Statistics & Demography, Hebrew U.; b. Rome, 16.1.1909; m. Vera Colombo; 1 s.; 3 d.; educ.: Ginnasio Liceo Tasso, Rome; Rome U. (Law); Prof. of Statistics, Genoa U., 36-38; to Israel, 1938; head, Statistical Office, Hadassah Medical Org.; Dean, Kaplan School of Economics & Social Sciences, H.U., 53-54; Pro-Rector, Heb. University, 58-60; Govt. Statistician, Israel, 48-71; publ.: "Internal Migrations in Large European Towns"; "Statistical Methodology"; "The Demography of Italian Jews"; "Marriage and Fertility of Jewish Population in Palestine"; "Graphical Rational Pattens", "The Population of Israel" and many other works on demography and statiscal methodology; Aff.: Fllw, Am. Statistical Association; Israel Acad. of Sci.; Intl Stat. I; recip. Szold Prize T.A. Mun., 47; Bublick Prize, H.U., 72.

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BALTSAN, Hayim; Journalist; LL. B.; Exec. Dir. & Chief Editor, ITIM (News Agcy); educ. Hebrew U., Law & Hebrew Lit.; b. in Kishinev, 8.5.1910, m.: Dr. Ruth Garty; ch.: Avikam, Reveetal, Astrith; to Isr.: 1935; p. chief, Jerusalem Bureau "Haboker", News Editor, "Haboker" 1942; war duty with U.S. Embassy & O.W.I., Istanbul 42—3; British Embassy, Istanbul 43—44; Dir. "HIAS" in Turkey, 44—5 & Czechoslovakia 46—8; Foreign corresp. "Haaretz" in Istanbul, Eastern & 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; initiated & lead. campaign f. "Easy Readable Hebrew" — a moderate & workable solution to language's tedious spelling problem.
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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.

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BARTH, George Zeev; journalist; Deleg. of the Jew. Natl Fund to Switzerland, Dir. KKL-Treuhand, Zuerich; Corresp. Isr. Radio, "Davar", "Yedioth Aharonoth"; Polit. Edit., "Juedische Rundschau", Basel; b. 30.9.1919, Budapest; m. Aviva Irene Porges; s. Alexander; zion. activity: Prague 45-49, Vienna 49-51; to Israel, 1951; edit. "Yedioth Hayom", 52-64; co-edit. "Yedioth Chadashoth", 64-73; dir. JNF-Office in Vienna, 73-77.
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BARTOV, Hanoch; author; journalist; p. mbr, edit. brd "Lamerhav" (U.S. Corresp. 58-60); Counsellor f. Cult. Affs, Isr. Embassy, London, 66-68; mbr of brd: "Maariv", Isr. Writer's Assn, Isr. Brdcst Auth. (69-72); b. 13.8.1926, Petach Tikva; m. Yehudit Shimmer; 1 s.; 1' d.; ed.: Hebrew U., Isr. 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"; "4 Isre'elim Vekhol America"; "Pitzey Bagrut" (The Brigade); "Shel Mi Ata Yeled"; "Isre'eli Bakhatzar St. James" (An Israeli at the Court of St. James's); "Akhot Rekhoka"; "Habadai" (The Dissembler); as well as plays & transl.; recip.: Ussiskhin Prize, Shlonsky Prize, Walenrod Prize by Writer's Assn.

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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 S. America; p. Linguist. Advis. & 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 "Jerusalem in the Eyes of its Beholders — a History of Batey Machse" High Skies, Diary, 1910-1930, Jerusalem & Germany; Behar Yeraae, R'Eliezer Bergmann, "The Yerusalemite's Talmud", Diary, 1799-1852 (edit.).

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BARWELL, Beatrice Jeannette; London V. Pres., Zion. Fed. of Gt. Brit. & Ireland; Chmn, Zion. Fed. Day Schools Dept.; b. 9.5.1914, London; ed.: John Howard Gramm. Sch., 25-32; Graystoke Place Train. Coll., 32-34; Head, Engl. Dept. London Sec. Sch., 67-75;Wembley Synag. repr. at Brd of Deps. of Brit. Jews, 52-; V. Chmn (p. Chmn), Brd of Deps, Educ. & Youth C'tee; mbr: Jew. Defence & Group Relat. C'tee; Central Jew. Lect. Comm.; Yad Va'Shem Comm.; Hon. Life Pres. (Found. Pres. & Edit. of it's journ. "Hamoreh", 45-65), Natl Un. of Heb. Tchrs of Gt. Brit.; Natl Chmn f. Educ., JNF of Gt. Brit. & Ireland.
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BAR-YAACOV, Nissim; Assoc. Prof.; Department of Intl Relations, H.U., 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, 74; recip.: Arlosoroff Prize, 53.

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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.

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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; Am. Mosquito Control Assn; over 40 Scientific 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); grant fromNatl Cl f. Res. & Devel. Isr., on mosquito repellents (73-74).

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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; p. Pres., Rotary Club, Tel-Aviv-Yaffo.

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BATDORI, Sulamit; playwright, dir., lctr in drama & folklore; b. Warsaw, 7.12. 1905; to Israel, 1923; ed.: Warsaw U., Max Reinhard's Sch. of Dram. Arts, 33-34; Dept. of Drama, T.A.U., 65; Actors Studio of Lee Strasberg, N.Y., 60; m. Reuven Ziv; 1 daughter; 30 years of prof. activity; many open air perform. as "Till Eulenspiegel", 55; "Jephta's Daughter", 56; "My Glorious Brothers", 50-52; 10th annivers. of Israel festival; Dalya Dance Festival of the 20-th anniv. of Israel, 68; mbr Art Council, 60-70, 74; partic. 11th Congr. of Intl. Theatre Inst., Unesco, 65; Intl Assn of Univ. prof. & Lecturers, 67; 39th Intl Pen Club Cong., 75.

Kibbutz Mishmar Haemek.

BATNITZKY, Jonathan; journal.; p. edit., Heb. Supplement "Zionist Record", South-Africa; corresp., Heb., Yiddish, Engl. press

in S.A. & overseas; mbr, C.C. Histadruth Ivrit, S.A.; b. 15.1.1899, Mariampol, Lithuania (son of famous Rabbi of Mariampol, Solomon Batnitzky); m. Chaya Abramovitz; s. Dr. Solomon B.; p. secr., Jew. Natl Cl. of Lithuania; Gen. Secr., Hechalutz, Lithuania 24-26; p. mbr. C.C. Poalei Zion, Lithuania; p. edit.: African Jewish Newspaper; Poalei Zion organ "Jewish Mail"; Hebrew monthly "Dapim", organ Histadrut Ivrit, S.A.; edit.: S.A. Rosh Hashana Yearbook f. 25 years; column monthly "Federation Chronicle"; author: "Israel Between East and West" in Engl. & Yidd.

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BAUM, Karl; editor & writer; journalist; pub. relat. exec. MIPR (mbr, Inst. Pub. Rel.); mbr, Brd of Dep. of Brit. Jews; Chmn, Intl Cl. of Jews from Czechoslovakia, London; b. 6.10.1907, Brno; ed.: grad. State Acad. f. Commerce, Brno; m. Margot Gladtke; p. V. Chmn, Un. of Zion. Students in Czech.; edit. Jüdische Volksstimme, 25-27; chief cor. JTA in Czech., 27-33; edit., Der Jüdische Sozialist, 29-32; edit., Der Neue Weg, 33-34; editor for Moravia of Prager Tagblatt, Ostrauer Handelszeitung und Morgenblatt, Prager Abendzeitung; chief of monit. serv. & dipl. corr. w. exile govts. in London of Exchange Telegraph Co., 40-47; edit. World Jewish Affairs news & feature serv., 48-60; dir., WJC inform. Dept. f. Europe, 47-60; London corr. Yedioth Chadashot, T.A., 45-60; mbr, Exec. Poale Zion in Czech., 28-34; deleg. at: P.Z.-Hitachdut Conf., Danzig, 32; P.Z. Conf., Luzern, 35); Life Mbr, Natl Un. of Journ., Gt. Britain; mbr: Frgn Press Assn, London; Intl Fed. of Journ.; feature articles on Zion., Isr. in hundreds of Jew. Periodicals; brdcst interviews w. Kol Israel.

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Jer.—B.A., Hist. & Phil., 68; M.A., 71; Ph.D., Paris U., 73; m. Malka nee Melzer; 1 d., Naomi; publ. Israel & the Future, T.A., 76; Poems & Sonnets, 76; (in print) Sha'ar Ha-Gay, due 78; articles: Ma'ariv, Ha'Aretz; p. in charge of public., External Relat. Dept. WZO; lctr, gen. studies, Ben-Gurion U., Beer-Sheva; assoc. edit., Ha-Derekh (The Way) publ. by the Liberal Pty.

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BECKER, Aharon; p. Secr. Gen., Histadrut (General Federation of Labour in Israel) 61-69; Member of Knesset (Israeli Parliament). b. 1906; m. 1930, Cyla Selzer, 1 s.; 2 d.; came from Russia to Israel, 1924; Member of Kibbutz 1925; building worker 1926-28; Secr. Ramat Gan Labour Council 1929-32; Secr. Union of Textile Workers 1933-34; mbr., Executive of Labour Council in Tel Aviv 1934-43; Mng. Dir., Industrial Dept., Co-operative Wholesale Scy. 1943-47; Head, Supply Mission Ministry of Defence, 1948-49; Head of Trade Union Dept. and mbr. Exec. Bureau, General Federation of Labour in Israel 1949-61; Deputy Mbr., Governing Body of I.L.O. Mbr.: Secretariat of Israel Labour Party (Mapai) and of Council of Directors, Bank of Israel; articles in Hebrew and British press; various booklets and publications on economic and labour problems; reelected, 1969.

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BECKER, Israel; stage director, actor; b. Bialystock, June 13, 1917; m. Pnina Perah; 2 s.; educ.: Theatrical School, Moscow; with Jewish theatre troupes all over Poland; produced movies, "Long is the Road", "Two Kuni-Lemels", etc.; with "Habimah" as actor & director, 1948-.

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BEEM, Hartog; teacher; p. active in Zion. Fed. of Netherlands, Bonds C'tee (p. Pres., Friesland br. & Hilversum br.); b. 3.12.1892, Harderwijk, Holland; ed.: U. of Leiden, dipl. German lang. & lit., 28; publ.: De Verdwenen Mediene, 50; Jerosche (Jewish proverbs in Holland), 59, 70; She'erit (Dutch-Yiddish Dictionary), 67; De Joodse Gemeente Te Sneek, 73; Uit Mokumende Mediene Joodse Woorden in Nederlandse omgeving, 74; also 74, History of Leeuwarden Jewish Community; contrib. to: Pinkas Hakehilot edited by Jad Vashem (history of Netherlands Jewry); Germania Judaica II, 68, coop. f. Dutch Kehilot; also Germania Judaica III (manuscript), several periodicals; award: "Zilveren Anjer" (f. merits in res. of Jew. hist. & culture in Netherlands, by Prince Bernhard of Holland, 70.

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BEERI, Tuvia; painter; b. 1929, Topolcany, Czechoslovakia; to Israel, 1948; stud. at "Oranim" Art Sch. (w. Marcel Janco & Jacob Wexler); stayed in Paris, 61-63 (stud. techn. of etching w. Johnny Friedlaender & litography at Ecole des Beaux-Arts); taught at Bezalel Sch. of Art, Jer., 63; at Avni Inst. of Art, Tel-Aviv, 64-; many one-man shows in Isr. & Swiss, USA, Germany, Luxembourg, France, etc., 61-; also part. at group shows (Biennale, Intl Graphics, etc.) in Paris, Vancouver, Florence, Tokyo, Montreal, Ljubljana, Biella, Frechen; award.: Milo Prize, Tel-Aviv, 69; Gold Medal, Florence Biennale, 72.

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BEGIN, Menachem; Prime-Minister of State of Israel, since 20 June 1977; past Min. without portf., 67-69; leader of the opposition in Knesset, 48-67, 69-; co-founder, Herut-Liberal Party Bloc (GHL); adv.; b. in Brest-Litovsk, 1913; m.; 1 s.; 2 ds.; educ.: Warsaw U., Law; joined Betar at early age & held comm. posts in the movement; head Bethar Poland, 39-; detained in Russian labor camps in USSR, 40-41, released under Stalin-Shikorsky agreement, joined Polish army, reached Israel 1942, assumed command of underground milit. org. IZL, led the uprising against British rule in Palestine; co-founder, Herut Pty, 48- & its chief ever since; mbr. of Knesset Frgn Affairs & Security C'tee, & of Law & Constit. C'tee; publ. articles on current polit. topics; book: "White Nights" (on labour camps in URSS); "The Revolt" (on the underground in Palestine), etc.

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Constructive endeavours to stop inflation and runnaway price rises; several brochures in Heb.
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Tel-Aviv; Tikhoni Lemischar High School, Tel-Aviv; University of Munich; to Israel: 1933; m. Priva Frischling; ch.: No'omi-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, Ambass. to Nigeria, 69-73; Pres., Rotary Club of Jerusalem West.

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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 Zvi; p. 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.

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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; Israel Prize, 75; working f. "Kol Israel".

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BERNSTIEN, Selma; Treas., Lincoln. Jew. Welfare Fed., UJA, 75; Pres., Missouri Valley Reg. of Hadassah, 74-; Natl Vice-Pres., Had., 70-; b. Lincoln ,Nebr. 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.

Hadassa, USA.

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.

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BERSTEIN, Jaime Aron; advocate; Dep. Chmn, Latin Am. Olim Org. in Isr.; b. 1943, Santiago, Chile; to Israel, 1958; ed.: grad. Herzliya Gymn., Tel-Aviv; Fcty of Law. H.U.J. Jer. LLB.; m. Leonor Bergstein, d. Caty; s. Ariel; mbr of Exec. & Chmn, Dpt. of Immigr. & Absorption, Heruth Mov.; mbr of Direction Wld Heruth-Hazohar Mov. & Head of Latin-Am. Dept., -78; mbr: Zion. Exec. (Chmn of Immigr. & Absorpt. C'tee, 29th WZC); headed the new immigr. struggle f. rent a housing apartments, 74-75 & f. apartments "Amidar" & "Amigour", 73.

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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, 72-74; Chmn, Weizmann Inst. Scty, 75-; Dir., R&D, AB Kabi, Stockholm; born 12 October, 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, 62-77; Swed. Atomic Res. Cl. (biol. sec.), 71-77; The Swed. techn. devel. brd (section f. pharm. industry); V. Chmn, Brd of Stockholm Philhar. Orch., 75-; Chmn, Sctn of Music, Cl. of Arts, 76-; 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; Prof. Tel-Aviv U. Music Dir., principal Conductor, Jerusalem Symph. Orch.; b. 1.5.1927, Bessarabia (Russia); ed.: Israel; U. of Paris (Musicology); Conservatorio Verdi, Milan; Conservatoire Natl, Paris & studies under Arthur Honegger; Principal Guest Conduct., Scottish Natl Orch., Guest Israel Philh. Orch., Paris, Berlin, Hamburg, Scottish, New-York operas & major orchestras in Europe & America; found.: RINAT Chamber Choir, Israel Chamber Orch., Jeunesses Musicales d'Israel; Artist. Advis., Isr. Festival; composer of symphonic & chamber music, ballets, incidental

music to more than 40 plays; also music f. films & radio; Prize Israel 78.
Symphonic Orchestra, Jerusalem.

BERZON, Bernard L. (Dov Arie); Rabbi; Pres., Rabbin. Alumni, Yeshiva U., 67-69; 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.; Dr. of Divinity, Yeshiva U.; 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", "The Second Round", "Alibis".

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BETH-HALACHMI, Aharon; El. Eng.; Brig. General, IDF; Chief of Defence Res. & Devel.; b. 12.9.1936, Tel-Aviv; ed.: Technion Haifa, El. Eng. (w. distinction), 58: M.Sc. (w. distinct.), 70, US Naval Postgrad. Sch., Monterey, Calif.; m. Ayala Blei; 3 s.: Nir, Ran, Barak; in IDF serv., 71-.

Ministry of Defense, Tel-Aviv.

BEYER, Ben-Zion; L.L.B., advocate in private practice; b. 8.3.1936, Tel-Aviv; ed.: Sch. of Law & Econ., T.A., 56-60; Tel-Aviv U. — Soc. Sci., 63-64; Journalistic, 67-68; L.L.B., 74-77; m. Miriam Sanitowsky; 3 ch.: Orly, Eyal, Gill; mbr, Exec. C'tee of B'nai B'rith Isr. & Chmn, B.B. Youth Isr.; mbr of Sectry & Direction of Moadon Haakademaim; mbr Sectry Democratic Mov. "Dash',' R.G.; mbr Work. Cl. R.G.; mbr Senate of Tel-Aviv U.; also active in student & sports orgs; p. act. in the Isr. Lab. Pty; disting. sportive ("Year Man of Sports", Tel-Aviv U., 76); edit. & publ. var. stud. brochures, Tel-Aviv U.

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BEYTAN, Mordecai; Eng., M.Sc.; Assoc. Dir., Inst. f. Ad. Stud. H.U. Jer., 75-; Chmn, Brd of Dirs, Weizmann Sci. Press of Isr.; past (58-75), Assoc. Dean, Fcty of Sci., H.U. Jer.; b. Brest Litovsk, 6.1.1908; m. Erela Brakin; 1' s.; 1' d.; educ.: Heb. & 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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BEZEM, Naftali; artist; b. Essen, Nov. 27, 1924; m. Chana Liebermann; 1 son; (1 son fell in Yom Kippur War, 73); education: 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; born in Tveriah, 14 February 1937; ed.: B.A. (Human.); m.: Ayalah; d.: Sivan; s.: Shai; author of books f. children & youth, novels, etc. (published in lit. journals); recip. Yatziv Prize, Lamdan Prize, Zeev 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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BIERER, Joshua; cons. psychiatrist, F. R.C. Psych., M.D.; Visit. Prof.; Dr. Econ. & Soc. Sci.; b. 1.7.1901, Radautz, Bukovina; found., Intl. Assn of Social Psychiatry; co-found., Kibbutz Mishmar Haemek (resided in Israel, 1920-27).

18 Park Avenue, London, NW11 7SJ, England.

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.; President, 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 renowed 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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BILLER, Aaron; Edit. in Chief of Night Call, Brooklyn Coll. Evening News (a bi-weekly student bxody newspaper), 74-; edit., Massorah (publ. by Am. Confer. of Orth. Jew. Youth — ACOJY), 72-; mbr, Gvng Brd, Jewish Student Press, 75-; Perm. Hon. Pres., Young Israel intercollegiates; b. 9.8.1954, New York; ed.: Brooklyn Coll., B.A. (Pol. Sci.), 75; only student edit. to attend spec. White House press brief. held all day f. the Am. Jewish Press, Washington, 72; resource person at the Am. Sephardi Youth Fed. Found. Convention in Atlanta, Georgia, 73; prod. & hosted the New York cable TV show "Massorah", 73; recip. the annual Alex Minton Memorial Award f. leadership in the area of student activities at Brooklyn Coll., 75.

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BIN-NUN, Yehiel; Ph.D.; scientist (in Philology & Judaistics); advis. in c'tee of Min. of Educ.; b. Rohatyn (Ukraina), 10.4. 1911; to Israel, 1939; ed.: Matric., Poland, 29; U. Berlin, Philol., 29-32; U. Heidelberg, 32-34; grad. Ph.D., 36; Hochschule, Berlin, Judaistics, 29-36; grad. Rabbi, 37; m. Rose Fuerst; 2 s.: Yoel, Elhanan Hayim; 2 d.: Tzippora, Esther; p. lctr in Talmud at a/n Hochschule, 37-38; teacher, Reali Haifa, 39-50; teach. & headmaster Relig. State Semnr, Haifa, 50-71; Relig. HS f. girls, Haifa, 50-62; mbr Acad. of Heb. Lang., Jer., 43-69; Broadcast Cl., Jer., 66-69; var. c'tees on behalf of Min. of Educ., 52-71; Pres., Brd of Teach. Cl. f. Zion. ed., 69-75; publ. Jiddish und die deutschen Mundarten, Tuebingen, Niemeyer, 73; res. on Heb. & Yidd. lang. and Judaistics, publ. in Leshonenu, Beth-Mikra, Sinai, Heb. Encycl. etc.; some of them: Names of Jews in germ., Jubileebook f. Leo Baeck, 38; "Question Mark", exeg. of Psalm 24, Jubilee book f. Zerkavod, Heb., 68; Enclosure in Bible, to Genes. 31, 43-54; Sinai 65, etc.; leading mbr of Zion. Youth mouvm. & Zion. Cl. 27-39 in Europe, 39-69 in Is.

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BIRAN, Avraham; Prof. in Biblical Archaeol.; Dir., Nelson Glueck School of Biblical Archaeol., 74-; Chmn: Natl C'tee f. ICOMOS, Govt. Names C'tee; Museum of Mediter. Archaeol.; Isr. Archaeol. Survey; b. 1909, Israel; ed.: Reali Sch., Haifa; H.U., Jer.; U. of Pennsylvania & Johns Hopkins U. — M.A., Ph.D.; m. Ruth Franel; 3 ch.: Aharon, Naomi, David; p. Senior Isr. Mbr of Isr. Deleg. to the Mixed Armistice Commission w. Jordan; p. District Commissioner, Jer.; Consul Gen. of Isr. to the U.S., 55-58; Dir., Armistice Affs Min. of Frgn Afss, 58-61; Dir. of Antiquities & Museums, Min. of Ed. & Cult., 61-74; mbr: Natl C'tee f. UNESCO, Govt. Coins C'tee, Archaeol. Cl.; award.: Thayer Fellow, 35-37; Rayner Fellow; Phi Beta Kappa Fellow of H.U.C. — Jew. Inst. of Relig., 73.

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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 Society, 51-73 & Vice President, 73-; Vice Chairman, Board of Governors, Technion, 55-; Jt. Hon. Treas., Stepney Jew. School, 66-71; p. mbr (54-73), Brd of Govs., Carmel Coll.; patron JNF, Joint Hon. Treas., JNF of Gt. Britain & Ireland, 55-62; fllw, Inst. of Directors.

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BIRNBACK, Murray; Dir., State of Isr. Bond Org. & U.J.A. Org.; Grand Secretary, Free Sons of Israel, 71-75 (has spent over 35 years of active partic. in every facet of the order's far flung activity); p. Pres. of two Lodges in the Order; organised a travel & tour prog. to Israel, 74.

New Rochelle, New York, USA.

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. Cicago, 33-45; 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 Brd, Amer. Assn for Ethiopian Jews; Life Member, Natl B"nai Brith Youth Comm.; active in: S. Calif. Jew. Hist.

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 BEBER 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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BITAN, Moshe; Mang. Dir., Paz Oil Co Tel-Aviv, 70-; Assist. Dir. Gen., Min. of Foreign Affairs, 65-70; Board of Broadc. Auth.; Ambassador to Sweden, 62-64; Ambassador to Ghana, 60-62; Dir. of Koor, 55-60; Repres. of Histadrut, USA, 52-55; Member of Kfar Ruppin, 41-52; b. 1918, Czechoslovakia; m. Leah; 2 ch.; educ: London Sch. of Econ., Harvard Bus. Sch.
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BLACKER, Edwin; Gen. Mng., Bat Sheva dance Co.; b. 1938, Virginia, U.S.; to Israel, 1976; graduate, University of Virginia; worked for many priv. & public organisations in the U.S. in the field of Arts management; before settling in Isr. he worked in Washington D.C. for the U.S. Fed. Govt. as a Senior official in his specialized field.
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BLEI, Bezalel; Mng. Dir., Exprom — Export Promotion Co. Ltd.; Pres., Isr. Purchasing and Material Managers Association; past Director of Purchasing and Supplies, Kupat Holim Health Services; Chmn, Isr. Purchasing Managers Assn; Vice-Pres., Intl Fed. of Purchasing; 1st Vice-Pres., Asian Reg. Purchasing Assn; b. 1912, Rovno; to Israel, 1932; ed.: various prof. courses in Isr. & abroad; Soc. Sci. at Tel-Aviv evening U.; m.: Anna; 1 d.; 1 s.; var. exec. posts, Kupat Holim, 33-; volunt. Isr. Unit of British Army, during 2nd World War; platoon command. in Haganah; served IDF (rank of captain); p. Admin Supervisor of Govt. Hospitals in Israel; active f. 34 years w. Magen David Adom & mbr of its Exec. C'tee; Chmn, Emerg. Supply C'tee of the med. org. f. rear hospitalization & med. serv., 49-64; p. advis. to: Health Min., Isr. Reparation Org., Tel-Aviv Municip., Govt. Gen. Adm.; found. mbr, Admin. Mngrs Org. f. Hosps in Isr., 53-; p. mbr, Standard. C'tee of Zahal, Min. of Comm. & Ind., etc.; lctr on org. problems; advis. to the Export Inst.; mbr: Isr. Mngmnt Center; Brd of Dirs of var. econ. & ind. enterprises; Soldiers Wlfr Assn; p. night edit. on a daily newspaper; publ. articles on econ. & prof. subjects.
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BLOCH, Felix; Professor of Physics (Emeritus), 71-; Nobel Prize for Phys., 52; **Hon. Degrees** from the Weizmann Inst., University of Grenoble & U. of Paris, Brandeis U., Hebrew U. Jerusalem & Oxford, Zürich; b. Zurich, 23.10.1905; ed.: Leipzig, Ph.D., 24; ETH, Zurich, 24-27; Leipzig, 27-28; m.: Lore Misch, 1940; 3 s.; 1 d.; Assist. ETH Zurich, 28-29; Lorentz-Fllw, Utrecht, 29-30; Assist., Leipzig, 30-31; Oersted-Fllw, Copenhagen, 31-32; Privat-Dozent, Leipzig, 32-33; Int. Education Brd Fllw, Rome, 33-34; Professor, Stanford U., 34-71; Visiting Prof., H.U., 59-60; Pres. Am. Physical Sct, 65.
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BOGEN, Alexander; painter, sculptor, stage designer, book ilustrator; b. 1916, Vilna; to Israel, 1951; stud. art at Polish U., Vilna; dur. World War 2, interrup. his stud. & joined the partisans; as command. of a Partisan unit in the Narocz Forests, entered the Vilna Ghetto before his destruction & brought out groups of young Jews; after War returned to his stud. & became Prof. of Art in Poland; in Isr. estab. an art sch. & worked in H.U. Jer.; many one-man shows & also many group-shows in Isr. & abroad; monuments: "Revolt" & "Holocaust", Partisan Mus., T.A.; mural: "Holocaust", Yad Vashem Mus., Jer.; vitrages: Jabotinsky Inst., T.A.; Monument Tel-Aviv, Munic. Vocat. High Sch., Kiryat Hachinuch, T.A.; his works in priv. colls. in Isr. & abroad; award.: Gov. of Poland Prize, Histadruth Prize, Min. of Educ. in Isr. Prize.
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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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COHN, Uriel; Manager, Riam Ltd, Jer. — export of products manufact. by the local metal industry & import of raw materials; b. 13.7.1940, Amsterdam; to Israel, 1966; ed.: Scndry in Holland & England; Yeshiva, England; Comm. H.Sch., Holland; var. courses in Bus. Admin.; m. Dorit Baum; 2 s.: Amir, Ohad; p. repr. of frgn investors group in Isr. & Dir. of many companies; p. Head, B'nei Akiva Mov. & mbr of Direct. Hachshara & Aliyah, Holland; repr. B'nei Akiva Europe to W.Z.C., 64.
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COLBURN, Gerald S.; mbr, UJA Exec. Committee and Natl Campaign Cabinet; Natl Chmn UJA, 73, 74, 75, 76, 77; Natl Cash Chairman, 74, 75, 76, 77; Deleg. Jewish Agency, 76, 77; Trustee, Un. Israel Appeal, 75, 76, 77; Dir., Wisconsin Israel Bonds Brd; Brd Wisc. Jewish Chronicle; Brd Dirs, Mt. Sinai Hosp., Milwaukee; Deleg. Jew. Agcy, 73, 74, 75; p. General Chairman of the 1970 Jewish Welfare Fund capaign in Milwaukee, and in the past has headed numerous important divisions for the Fund, serving also on its Board of Directors and Exec. Committee; Dir., Friends of the Hebrew University, Beth Israel Synagogue and the Midwest Council of the Anti-Defamation League of B'nai B'rith; has served the Home for the Aged, Board of Jewish Education, Milwaukee Jewish Center and Jewish Vocational Service; p. delegate to the 1968 Democratic National Convention in Chicago; Pres. of Jak-Pak Inc., a toy manufacturer, and President of Products Packaging Corp. m. Alice (Women's Gen. Campaign Chmn, 73, 74; Brd of Dirs, Milwaukee Jew. Fed.; V. Pres., Women's Brd MJWF; Brd, Milwaukee Jew. Fam. & Child. Serv.); 3 ch: Sue Linda, Bruce, David.
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COLEMAN, Shalom; Min. of Relig.; Chief Rabbi, Perth Heb. Cngrn; chmn, Perth Beth Din; Exec. Vice-Pres., Assn of Rabbis & Min. of Australia & new Zealand; Ed. Chmn, Perth Heb. Sch; Dep. Pres. Perth Dental Hosp. Brd.; Rotarian; Freemason; trust.: Karrakatta Cemet. Brd; Cult. Dev. Cl. of W.A.; lctr in Biblical Studies & Pres., Scty of Bibl. Studies, U. of W.A.; Justice of the Peace f. W.A.; chaplain: W. Command, W.A.; US Naval Communications Sta., Exmouth; Hon. Chaplain, Australian RAF; b. 5.12.1918, Liverpool, England; ed.: U. of Liverpool, 35-39; B. Lit., 41; Jews Coll., London, 37-39, 54-56; U. of S.A. Pretoria, 54-56, M.A.; U. of Orange Free State, 58-60, Ph.D.; U. of Sydney, 61-66; m.: Anna Daviat; d.: Romaine Hilary Marilyn; s.: Martin Howard; p. pres., J. Students Zion. in U. of Liverpool; p. Exec., Inter-U. J. Fed. of Gt. Britain; w. RAF, during World War 2; Registration Off., f. the J. Brigade in England; J.A. Liaison Off. w. J. Chaplains & mbrs of the Forces, W.W. 2; p. Gen. Secr., Assn of J. Servicemen in Engl.; Rabbi, Bloemfontein Heb. Cngn, 47-60; Rabbi, S. head & dist. Syn., Sydney, 61-66; p. vice-pres., NSW of J. Ed.; p. exec. mbr, S.A. J. Brd of Deps & Zion. Fed.; p. publ. relat. writer f. NSW J. Brd of Deps, Australia; p. hon. dir., David S. Benjamin Inst. of J. Studies; p. B'nai B'rith Grand Lodge Repr. f. Adult Ed. & Ed. C'tee of "Heritage" in Washington D.C.; p. Dayan of Sydney Beth Din (Religious Trib.): liaison with Gvt. Mun. & public personalities who wish to visit Isr. & learn about Isr.; interest in archeol. of Bible & Isr.; part. in excavation sites in Isr.; aff. w. UN Assn & interested in Human Rights (guest of Human Rights Div., N.Y., 65, 70); guest of Indian Jewry f. Yom Ha'atzmaut Celebr., 70; publ.: Hosea in Midrash & Talmud, Malachi — A Midrashic Analysis, Habakkuk in Rabbinic Doctrine, The Temple Mount, Dead Sea Scrolls, New Trends in the Archeology of Israel; edit.: Jubilee Vol. of History of Bloemfontein Jewry; spec. edit. of 75th Anniversary of Perth Jewry; series of Speakers Notes on Israel; "Jerusalem and Masonry - The Cradle", 75; radio, TV broadcaster (on Isr. & J. mattrs); recip.: Sir Robert Cohen Int Scholarship in Isr., Engl. & USA, 64.
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COLEMAN-COHEN, Reginald Herbert; mbr, Intl Board of Govnrs, Technion, Haifa; pres.: Brighton & Hove J.I.A., Technion Scty; trustee, Btn & Hove Lib. Syn.; given scholarships to Technion Haifa, donations to HU Jer., Magen David Adom, etc.; b.

23.9.1902; Hastings, England; ed.: Brigthon Coll., Coll. of Estate Mngmnt; m. Joan H. Maurice Lram; dir. & founder, Alliance Bldg Scty, Hove Park Hove sussex (secr., 40 years); p. Empress Inst. of Directors, London; Rotary; Deputy chairman, Spastics Society, Btn Hove & Distr.; vice-pres.: Btn Boys Club, S.E. Assn Bldg Scties; Brd of Gvnrs, Intl Insurance Austin, Texas, USA; honours: FRICS, FCIS, PPCIA, FBS; recip.: Arava Medal (Isr.), 68; Brighton Rotary Club, 27 years Natl Speaker on Israel.

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COMAY, Michael Saul; B.A., LL.B.; Ambassador to London, 70-73; Pol. Advisor to Frgn Min. & Ambassador-at-large, 67-70; b. Capetown, 8.10.1908; m. Joan Frances Solomon; 2 married children; p. Barrister-at-Law, Supreme Court, S.A., 31-40; w. S.A. Forces, 1940-45, in Western Desert & Britain (disch. Major); 46-48, Special Repres. in Palestine of the S.A. Zionist Federation in Political Dpt of the Jew Agcy, Jerusalem, & at UN, with special missions to Australia, New Zealand, South Africa and Canada; 48-51, Dir., British Commonw. Div., Foreign Ministry; 51-53, Assist. Dir-Gen, Foreign Ministry; 53-57, First Ambassador of Israel to Canada; 57-59, Assist. Dir.-Gen. Foreign Ministry; 60-67, Permanent Repres. of Israel to the United Nations; mbr Israel Delegation to United Nations General Assembly for most of the Sessions from 1948 onwards; Chairman of Delegation, 60-67; repr. Israel at intl conferences, concerning Civil Aviation (Montreal 1956), Atomic Energy (Vienna 1957); Law of the Sea (Geneva 1958), Trade and Development (New Delhi 1968), and Human Rights (Teheran 1968).

Ministry for Foreign Affairs, Jerusalem.

CONFINO, Michael, B.A.; Ph.D.; Dir., Russian & East Europ. Res. Center, Tel-Aviv University; Professor of Russian History; b. Sofia, 1926; m. Hagar Sereni; s. Haim, Alon; d. Ofra; ed.: Univ. of Sofia, 45-47; Hebrew U., U. of Paris; post-graduate studies, French Govt. scholarship, Ecole Pratique des Hautes Etudes, Sorbonne, 1957-59; Fulbright Visiting Prof. in Russian History, Univ. of Chicago, 1965; Senior Research Fellow, Russian Inst., Columbia U., 1965; mbr, Inst. d'Etudes Slaves de l'Univ. de Paris; Hebrew U.: Assist., 1959; Instructor, 1960; Assoc. Prof., 64; Attache au Centre Natl de la Recherche Scient. (CNRS), Paris, 66; Fellow, Russian Research Center, Harvard U., Cambridge, 66-67; Visiting Prof., U. Chicago, 67, Harvard U., Cambridge, 69; U. of Chicago, 70; Ecole des Hautes Etudes, Paris, 71, 73; mbr: Intl Comm. Slavic Studies; Intl C'tee of Historical Sci.; Conseil du Centre d'Etudes sur l'URSS et l'Europe de l'Est. U. of Paris; Editorial Board: Cahiers du Monde Russe et Soviétique, Paris; Shvut, Tel-Aviv U.; author: 3 books & numerous articles in scholarly journals on Russian soc. & intellectual history.

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CONFORTY, Boris; orthopaedic surgeon; Clinical Assoc. Prof., Tel-Aviv U.; Chairman, Israel Orthopaedic Society, 75-; Chief, Dpt. of Orthopaedics & Traumatology, Meir Hosp., Kfar Saba, 64-; b. Bulgaria; grad., Sofia Med. Sch., 40; joined Yougoslav Liberation Army; d. Nelly Conforty; lctr. in Orthop. & Surg., Sofia U., 47-; then (54-), Assoc. Prof. & Chief of Dpt., Medical School, Sofia; mbr.: Orthopaedic Scty, Bulgaria; Surgical Scty in Israel; Orthopaedic Scty, Israel; Brd, Union f. Fighting Astma in Israel; auth. of over 60 publ. & co-auth. of 4 books (one transl. into Russian).

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CONWAY, Edward Sidney; Headmaster; Advisor, Inner London Educ. Auth., 76-; Educ. Cnslt, Zion. Fed. Educ. Trust, 76-; b. 3.5.1911, Llanelly, Wales; ed.: U. of Wales, 29-34, B.A. (Hons.); U. of Liverpool, 41-43, M.A.; U. of London, 55-58, Ph.D.; married; sons; p. Pres.: Liverpool Zion. Scty.; Golders Green Cult. & Lit. Scty.; p. Headmaster, Liverpool Heb. Day Sch.; p. Princ., Jew. Orphanage, London; JFS Comprehens. Sch., Camden, 58-76; p. Lctr. in Psychol., Liverpool & London U-ies; lctr. & advis. on admin., scndry. schs.; publ.: Post-War Employment; Going Comprehensive; Looking Forward to the Seventies; History of the Jewish Orphanage; monographs & articles on ed. & child care.

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COOPER, Elias; Prof. of Modern Hist., City U., N.Y.; B.A., M.A., Ph.D.; Edit. "The American Zionist"; b. 16.12.1937, Cracow, Poland; educ.: City Coll., N.Y.; Columbia U.; m.: Phyllis R. Haller; 2 s.: Jordan Joshua, Jonathan Alexander; w. leadership staff, Brit Trumpeldor of USA, 57-59; publ. articles in Am.-Jew. magazines; dissertation: "Gotthold Ephraim Lessing and the Idea of Toleration in the Enlightenment".

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COPELMAN (Fromant) Liliane; painter; b. October 8, 1939; m. Prof. L.S. Copelman; educ.: Ecole Superieure d'Arts Appliquees, Paris; Exhibitions: "Foyer des Professeurs", Paris 1964; The Israel Painters and Sculpt., 64, 67; Museum Alharizi, Tel-Aviv, 67; Museum Dizengof, 67; "Foyer Culturel de l'Ambassade d'Israel a Paris", 68; Old Museum Jaffa, 68; Museum Saint Jean d'Acre, 69; "Work. Mothers", 71, 72, 73, 74, 75, 76; Beit Sokolov & Lim Gallery, T.A.; Museum Beer-Sheva, 72; "Artiste-Peintre", Paris; mbr, International Association for Plastic Arts, UNESCO; "Union des Femmes Peintres, Paris", "Federation Artistique Internationale", Paris; author, illustrator, "Revue Amif-Paris"; ilust. French & Ital. Embassy, Isr.; "L'Information d'Israel", "Viata Noastra", "Facha", "Die Stimme", etc.

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COWEN, Zelman; C.M.G., K.C.O.S.J; Vice-Chancellor U. of Queensland, 70-; Barrister-at-Law, Queen's Counsel; mbr, Brd of Gvnrs, H.U. Jer., 69-; b. Melbourne, Australia, 7.10.1919; educ.: Scotch Coll., Melbourne; U. of Melbourne — B.A., LL.M.; Oxford U. — M.A., D.C.L.; m. Anna Wittner; 3 s.; 1 d.; Fllw, Oriel Coll., Oxford, 47-50; Prof. Publ. Law & Dean Fcty of Law, U. Melbourne, 51-66; V. Chancellor, U. New England, 67-70; Fellow: Acad. Soc. Sci., Coll. of Educ., Royal Scty of Arts; Pres., Australian Inst. of Urban Stud., 73-; publ. many works & contributions; recip.: LL.D. (Hong-Kong, Queensland, Melbourne); Torch of Learning; Vinerian Scholar, Oxford; Supreme Ct. Prize; Rhodes Scholar f. Victoria; Wyselaski Scholar & Dwights Prize.

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Hebrew University, Dept. of History, Jerusalem.

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Rothstein; d. Mayan; s. Ariel; mbr: Isr. Soc. Assn; Isr. Criminolog. Assn.; edit., "Crime and Social Deviance" Quart., 74-76; Tutor Sociol. U. Nottingham, 67-68; Stud. Dir., Hillel Foundation, London, 70-71; Lect., Sch. of Soc. Wk., H.U., 72-74; Educ. Officer Inter-University Jew. Fed., 67-68; articles on crim.,soc. & educ. subjects; recip.: Soc. Sci. Res. Cl. Scholarship, 67-70; Jew. Memorial Cl. Scholarship, 71-72.

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CZAMANSKI, Stan; Prof. of Urban & Reg. Studies, Cornell University, Ithaca, N.Y., 70-; Research Director, 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; Assit. Prof., U. of Penn., Phila., 63-66; Assoc. Res. Prof., Harvard U., Cambridge Mass., 68; Prof., Florida State U., Tallahassee, 71-72; Cnslt: U.N., Inter-Amer. Devel. Bank, var. State & local govts in USA, Canada, Brazil; mbr: Reg. Sci. Assn, p. Pres., Am. Econ. Assn, Am. Assn of U. Prof.; gen. edit., reg. sci. monograph series, Lexington Books, Boston, Mass., 72-; publ.: 39 papers & res. reports in sci. & professional journals, mostly in the USA, Can. & England; 4 books: Regional Science Techniques in Practice: The Case of Nova Scotia, Regional and Interregional Social &Accounting; awards from: Resources for the Future, Canada Council; Canadian Cl on Urban & Regional Research.

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Kaplan Hospital, Rehovot.

CZERSKI, Alexander; writer, journalist, lecturer; b. 6.12.1920, Katowice, Poland; to Israel, 1957; ed.: H.S. in Katowice; Techn. U. in Tashkent (Mining Fcty), 45; Techn. U. of Gleiwitz, Poland, Mining Eng., 51; widower (Isabela Diana Topiel, dec. 69); 2 d.; p. techn. & plann. work in devel. of Polish min. indust.; mbr: Assn of Isr. Writers, PEN Intl; publ. 6 books: "Farben in Nebel", Basel 62; "Flamme, Asche und Rauch", Basel 63; "Niesmirtelni", Tel-Aviv 66; "Lehavot, ashan ve'efer", Tel-Aviv 72; "Banale Geschichten...", Dusseldorf 73; "Der Umweg", Dusseldorf 78; ab. 2000 short stories & features in Isr. & frgn news papers; film story "Sabina and her tenants", Herzliya 65; recip.: Dishon Prize f. short stories, Isr. 60; Lit. prize by Jew. Braille Inst. of Am., N.Y., 75; volunt. act. f. absorbtion of new immigr. in Isr.; etc.

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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, 50-55; reelect., 55; mbr, Exec. C'tee of Kupat Cholim Meuchedet; mbr, Brd of Kfar Silver Agric. School & Mollie Goodman Acad. High School.
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DANON, David; Prof. of Biology; Head, Sctn of Biol. Ultrastructure, Weizmann Inst. of Sci.;; Pres., Intl Assn of Gerontol., 75-; b. Bulgaria 17.10.1921; to Israel 1925; educ.: Geneva School of Medicine, M.D., 52;

2 daughters: Daphna, Noga; 1 son: Ilan Moshe; mbr: EMBO Europ. Molecular Biol. Org., Isr. Scty Hematol. & Blood Transfusion, Isr. Scty f. Aerospace Med., Isr. Biophys. Scty, Assn f. Advancement of Sci. in Isr.: Cherut Pty Centre; p. mbr, Irgun Zvai Leumi; painting; mechanics.
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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.

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DAVID, Barbara Bomberg; qualif. English teacher; poetess, artist; b. Chicago, 16.6.1946; to Israel, 1976; ed.: Normal Sch. & U., Los Angeles; publ. Celestial Delirium, publ. privat., 74; has painted many works of art; cited f. distinction by USA Pres. f. work in Peace Corps as English teacher in Turkey.

P.O.B. 139, Eilat.

DAVID, Itzhak; advocate; b. Jerusalem, 6.11.1911; ed.: Jer. Law Classes; Inns of Court Law Sch., London; London & New York Coll.; m. Barbara Bomberg; s. Eilat Aharon; d. Tova; challenged the British Empire in the Royal Court of Justice, London, defending the civil rights of the former Palestinians; mbr: Intl Jew. Bar Assn; Intl Penal Law Scty; Wld. Crimin. & Victimol. Congs; Isr. Forensic Scty; partic. at intl congr. on Law & forensic med. grants jurid. assist to those in need; publ. artic. on curfew in wld press.

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DAVID, Sandu; farmer; poet; Pres., Brd Dir., "Tnuva Export" (mbr of its cl. c'tee,-74; dir.-68); p. mbr. Isr. Cl. f. Culture & Arts,-70; b. Rumania, 1922; to Israel, 1944; ed.: U. Bucharest, 2 years; m.: Tova nee Sidoretz; 2 s.: Yugav, Itai; d. Ilana; II Wld War, deported Vapniarca (Transnistria) f. Zion. activity, 42; mbr Moshav Adanim,-50; Scrtry, Moshavim Mouvm., 53-58; Pres., Reg. Cl Hayarkon, 56-60; dir. cinema dept. a/m Mouv., 58-60; dir. coloniz. dept. Mapai, 60-66; mbr.: scrtry Moshavim Mouv., secr. & centralizer Labour Pty, farmer's center, citrus suppl. Cl.; mbr. Writer's Assn.; publ. 3 b. of poetry: Light of Nights, Sifriyat Hapoalim, 48; Peace and Bread (transl. Rum. poetry), Sifriyat Hapoalim, 50; Creator of Pictures (Images), "Yuval", 58; Tipsy Visions; poems & articl. in Heb. press.

Moshav Adanim, Hod Hasharon Post.

DAVID, Yechiel; dancer, coreograph, teacher; b. 26.1.1945, Bucharest; to Israel, 1950; ed.: Build. Techn., Technion; on dance, 68-; danced w. "Hallo, Dooly" music-hall, "Jazz Plus", "Bat-Sheva" Dance Co., "Efraty" troup; also perform. on theatre stages & films ("Hershale", advertis. films f. Min. of Tourism, etc.); p. teach & admin. dir., "Demama" troup of deaf & mute; also P.R. of "Israeli Ballet"; engaged in work w. persons who need rehab. & deaf & mute.

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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; Tschernihovsky, 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; the Poems of Nahum, 74; The Poems of Amittay, 75; The Poems of Elya bar Schemaya, 77; edit. of A.M. Habermann Jubilee Volume, 77.

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DAVIDOVICH, David; Dir. Museum of Ethnography & Folklore (Museum Haaretz), Tel Aviv, 61; b. 1905 Pabianice, Poland; to Israel 1933; ed.: Un. Strasbourg, Chem. Eng., 28; Chem. Eng., Thionville, Strasbourg; art train. Metz; m. Naomi Hirschberg; s. Yoram Doron, adv.; found. mbr, Ginza (Jewish Popular Art Soc.), 50-; mbr: edit. boards "Shnaton Museon Haaretz", "Yeda Am"; Isr. Comm. ICOM (Intl Cl of Museums); p. on synag. art (Isr. & abroad): Synagogues in Poland & their Destruction (Heb.), 60; Synag. in Poland (Yidd.), Buenos Aires, 61; Wall-paintings in Synags in Poland (Heb.); Wandmalereien in alten Synagogen, Hameln-Hannover, 69; also publ. on Jew. relig. art, incl. The Ketuba (Heb. & Engl.), 68; lectures & exhibi-

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9, Hanassi Harishon, Rehovot.

DAVIES, A. Michael; M.D.; F.F.C.M.; Prof. & Head, Dept. of Med. Ecol., H.U. Jerusalem; Adjunct Prof., University of Texas, Houston; member, 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; International Epi demiological 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'; Visit. Sci., Natl Inst. of Health, US Pub. Health Serv., 68-69; Cnslt, WHO, 68, 73, 75, 77.
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DAVIS, Eli; Prof., M.Sc., M.D., F.R.C.P. (London); Head, Capillary Res. Lab., Hadassah U. Hosp. Jer. (p. Head, Outpatient Dept. C; p. Head, Rheumat. Fever Clin.); b. 1.6.1908, Birzai, Lithuania; to Israel, 46; ed.: U. of Manchester; post-grad. work: London, Boston, N.Y., Atlanta, Stockholm; Hosp. posts in Manchest., London; m. Elise Sara Rosenbloom; d. Naomi (Frenkel); s. Haim Michael; Chmn, Brit. U. Zion. Fed., 34; Secr., London Cty Cl, Med. Res. Scty, 45; p. Dir., Hadassah Med. Org.; Org. C'tee f. estab. Med. Sch. in Jer.; Advis. in Vasc. Diseases, Min. of Health, Jer.; found. (w. J. Landau) & p. Chmn, Isr. Microcirculation Scty; auth.: "Clinical Capillary Microscopy" (w. J. Landau), 66; "Rheumatic Fever", 69; "Who Health All Thy Diseases", med. novel, 75; "Jewish Folk Art over the Ages" (w. Elie Davis), 77; over 120 articles in med. & sci. lit. in Isr. & abroad; recip.: Res. Grants — Am. Pub. Health Serv., Heart Branch & U.S. — Isr. Binational Sci. Fndn.
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DAVIS, Moshe; Ph.D.; Rabbi (Jew. Theol. Sem.); Head, Inst. of Contemporary Jewry & S.S. Wise Prof. in Am. Jewish History and Institts, 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: "From Dependence to Mutuality: The Am. Jewish Comm. and World Jewry", Heb., 70; "Jewish Religious Life & Inst. in America", 49, 71; "The Shaping of American Jewry" (Hebr., 1950); "Emergence of Conservative Judaism" (1963); Editor: "Mordechai M. Kaplan Jubilee Volumes" (1953); "Israel, Its Role in Civilization", 56; Study Circ. in Home of the President of Israel, series of publ., 67-78; Editor: Yom Kippur War — Israel and the Jewish People, 74; World Jewry & the State of Israel, 77; WithEyes toward Zion, 77; Advis. Edit.: America & the Holly Land Collection, 77; Contemporary Jewish Civilization Series, Random House; Co-Author (w. L.K. Davis) "Land of our Fathers: Map & Guide to Bibl. Place Names in America", 54; (w. V. Ratner) "Birthday of the World", 59; Co-Editor: "Writing of Am. Jew. History" (57); "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 Encycl. Britannica.
Institute of Contemporary Jewry, Hebrew University of Jerusalem.

DAYAN, Moshe; M.K.; Minister of Foreign Aff. since June 77-; Minister of Defence, 67-74; 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 Ge-

neral 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. 6.3.1917, Merhavia; 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.
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DAYAN, Yael; writer; novelist; b. Nahalal; m. Tat-Aluf D. Sion; 2 ch.; 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.

DE KOROSY, Francis Dov; Dipl. Eng. Chem.; Ph.D.; Prof., half-time (ret.) Sen. Scientist, Res. & Devel. Authority, Ben Gurion U., Beersheva; b. Budapest, 20.5. 1906; to Israel, 1957; educ.: Technion Karlsruhe, Germany, Dipl. Eng., 23-27; U. Budapest, 27-29, Ph.D.; m. Stephania Aranyi, (physiotherapist); 2 s.: Dr. Gabriel (physician), Joseph Korazim (soc. worker); mbr: Isr. Chem. Scty; Cl. of: Citizens Rights Movt.; League Against Relig. Coercion; mbr, C'tee of Munic. Beersheva (f. clean & quiet city); p. Res. Scientist, Tungsram Lamps Factory, Budapest; p. priv.-doz., U. Budapest; Res. Scientist, Technion Haifa, 57-58; Guest Lect., H.U., Jer., 58-73; p. V. Pres.: Hungarian Chem. Scty; Hungar. Zion. Org.; JNF, Hungary, partic. in many intl. & natl. sci. congresses; visit. & lect. in U.S.A., Mexico, Europe; author: books in Hung.: Zionism of an Assimilated Jew", "From the Atomic Bomb toward the Atomic Motor", 45; in English: "An Approach to Chemistry", 69; 90 sci. publ. in journals of var. countries; Aw.: Weizmann Prize, 68.
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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.
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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).
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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.
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DISKIND, Theodore; Chem. Eng.; Manager, Gruber Engineers Ltd.; p.: Research Mng., Min. of Devel.; visit lctr, H.U. Sch. of Appl. Sci.; b. 11.5.1936, Brooklyn, N.Y.; to Israel, 1970; ed.: Yeshiva & Mesivta Rabbi Chaim Berlin; Yeshiva U., B.A. (Chem.); City Coll. of N.Y., B.Ch.E.; Polytechnic Inst. of Brooklyn, M.S.; Washington U., St. Louis, D.Sc.; m.: Naomi Kates; 7 ch.; p. Res. Chem. Sng., Monsanto Co., St. Louis Missouri; p. Res. Eng., Columbia U., Heat Transfer Res. Facility.

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DISSENTSHIK, Arie; p. editor, "Maariv" (daily); Mng. Dir., Modiin Ltd., Publishers; b. Riga, 13.12.1907; m. Rachel Pshisocha; 2 s.; educ.: High School of Commerce, Vienna; Vienna U.; started journalistic career, Riga, 1927; co-founder, Betar movement; delegate to 18th Zionist Congress; to Israel, 1934; p. Secretary, edit. brd., "Hayarden" (daily), 1935; News Edit., "Haboker", 36-42, 45-48; p. mng., newspaper dpt., Pales. Press Co. Ltd., 42-45.

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DOBIN, Rubin R.; Rabbi; Exec. Vice-Chmn., Bar-Ilan U., Ramat-Gan, 71-; b. 12.10.1915, Bklyn, N.Y.; ed.: U. of Texas, Newark, Rutgers; cert. Talmudical Acad. Yeshiva U.; ord. Rabbi N.Y. Theol. Coll.; m.: Dorothy Welsch; ch.: David, Daniel, Judi Billig, Harriet Woolf; p. Rabbi, N.Y., N.J. & Texas Communities; U.S. Army Chpln (World War II); bus. admin., dir., spec. projects, JNF; chmn.: Zion. Emerg. Cl., Jew. Comty Cl., Jew. Cult. Cl., Jew. Principals Cl, Brd. of Jew. Educ., UJA, Bonds f. Isr., U.S. Babi Yar Memorial Comm., Peace Corps Cl., Intl Secretariat f. Voluntary Service, Rotary Comm. Books f. Peace, L.I. Drug Prevention Program, Rotary Interfaith Project, Boy Scouts of America Cl., L.I. Books f. Peace Cl.; Brd.: U.S. Center f. Russian Jewry, Natl League f. Am. P.o.W.'s in Vietnam; fndr, N.J. Rabbin. Cl. of Am.; Coordinat. Americans f. Haganah; publ. books on Jew. subjects. Natl Chmn, Am. Comm. f. Israeli Pow's; Chmn, Isr. Intl Inform. Cl.; Natl Coord., A.C.T.S. (Am. & Can. Trade Skills f. Isr.); Pres., Foothold in Isr. Ltd.; Rabbi, Cngn Kol Yisroel Chaverim; Advanced Degree, Touro Coll.; Intl Chmn, Operation Recognition of Magen David Adom of Isr. by the Intl Red Cross; Chmn, Am. Friends of Better Bus. Bureaus of Isr.

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Pres. f. Programming & Publications of Am. Scty of Sephardic Studies; Advisor & Mng. Edit. to "The American Sephardi"; mbr.: Rabbin Cl. of Am.; Exec. Brd of Camp Morasha; Natl. Comm. on Torah Educ.; Metropolitan Comm. on Talmud Torah Educ.

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DONNER, Sylvia Payes; teacher; tutor; life mbr, Natl Brd Hadassah, Philadelphia (over 35 years); b. 23.4.1916, Philadelphia; ed.: B.S., Temple U., 37; grad. courses in psychol. att. Gratz Coll., Phila.; m. Harry Donner; 2 s.: Kenneth, Henry; coord. Fund Raising Drives; led educ. seminaries; organ. Instit., Leadership train., etc.; pres. Beth Sholom Sisterhood, 56-59; deleg. to 2 WZ Congr. in Isr.; active, Camp. UJA; Ntl Brd: Amer. Zion. Fed., Isr. Bonds — womens div., exec. c'tee; mbr. task force East. Penna Reg. Hadassah; led sev. Hadassah tours to Isr.; first woman hon. by Congrn. Beth Sholom f. Isr. Bonds, 65; active, Univ. Womens assn.

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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 Mitavlot Shokolad", 68; "Ha'armon shel Amir", 70; "Mivchar Shirim", 70; "K'riah Rishona, K'riah Shniah", 70; "Legalot Le'adam Acher", 74; "Mapot Haz'man", 75; "Mi Rotze Lihiot Kosem", 75; transl. from Graves, Chesterton, Bentley, London, Hope; co-found. poets' group "Likrat"; p. edit. "Bama'ale", "Bemachne Nahal", "Ma'avak" (periodicals), etc.; mbr: "Akum"; Journalists Un. Cult. Attaché, Isr. Embassy, London, 75-77.

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DORI, Latif; jornalist; Head, Mapam Arab Department, 75-; Secr., Mapam Youth Dept., 68-75; b. Baghdad, 7 December 1934; to Israel, 1951; ed.: Tel Aviv U. (1 year) m. Rivka Margalit; 2 s.: Shai, Asaf; 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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DORON, Adam; writer; journalist; edit., publications of Beit Berl Coll.; b. 1930, Ein-Harod, Israel; ed.: H.U. Jer. & Tel-Aviv U. — B.A., Hist. & Polit. Sci.; Ruskin Coll., Oxford, England; publ.: Intl Labour History (Masadah); Hist. of Israel Labour Party (Beit Barl Coll); booklets: State & Religion in Israel; Democracy & Religious Freedom in Israel; articles on the state of Arab minority in Israel; literary critic in several papers.

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DORON, Aharon; Maj. General (res.), Advis. to the Chmn, Jew. Agency, 77-; V. Pres, T.A. U., -76; Chmn, Isr. Sports Fed.; b. Ludwigshafen, Germany; educ.: Columbia U. N.Y. (MBA); to Isr., 1939; m. Dorothy; ch.: Ehud, Nirit; grad. Aliat Hanoar train ing, mbr Kibbutz Yagur, later mbr of the Haganah, IDF, Regiment Commander, Comm. of Nahal, Head of Manpower Dpt., H.Q. (Aka), 59-63; Dir. Gl. of the TA. Univ., presently vice-pres. (exec. vice-pres., 63-65).

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DOSTROVSKY-KOPERNIK, Yocheved; pianist; Head of Rubin Academy of Music, Jerusalem; b. Vienna; m.; 2 s.; educ.: Akademie fuer Musik und Darstellende Kunst, Vienna (grad. 1932); special studies with Edward Steuerman; to Israel, 1919; si. 1933 teacher of music; s. 1947, mbr of Fcty & Brd of New Jerusalem Conservatoire (now Rubin Academy of Music); numerous recitals; publ.: musical journal for youth; organised radio musical programmes.

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4, Simtat Hazav, Neve Rassco, Ramat-Hasharon.

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Breuer" of Frankfurt a/M; m. Lea Freudlsperger; 6 ch.: Elfriede, Edith, Esther, Eliese, Erwin, Emily; hon. Austrian consul in Seoul, S. Korea; hon. Panama consul general in Tel-Aviv, Israel; pres.: Eisenberg Export Co. Ltd., Bargad Trading Co. Ltd.; United Development Inc., Panama; Universal Supply Inc., Panama, etc.; his group has offices in London, New York, Paris, Frankfurt, Vienna, Tokyo, Seoul, Hong-Kong, Taipei, Bangkok, Manila, Kuala Lumpur, Bombay, New-Delhi, Singapore, Teheran, Panama, Lima, La Paz, Belem, Athens, Tel Aviv; presently building Asia-Africa House in Tel-Aviv to serve as his Head-Office; also present. building the Eisenberg Hospital in Jaffo—Tel-Aviv.

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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, Am. Anthrop. Inst.; Center f. Advanced Study in Behavioral Sciences, Stanford, USA; visit. prof.: Oslo U., 58; Chicago U., 60, 71'; MIT, 62-'63; Harvard U., 68-69, 75,76,77; U. of Michigan, 70; Fllw, Netherlands Inst. f. Advanced Study; Hon. Fllw, London School of Economic; mbr, Israel Academy of Science & Humanities; Hon. Frgn Mbr, American Academy 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 Book, New York, 68; Comparative Perspectives and Social Change, Little, Brown and Co., Boston, 1967; Political Sociology, Basic Books, 71; Social Differentiation & Stratification, Scotts & Freeman; 71; Tradition, Change & Modernity, 73; The Form of Sociology (w.M. Cuverlan), 76; Macrosociology (w. M. Cuverlan), 77; Revolution and the Transformation of Societies, 78.

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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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EITAN, Raphael; Rav-Aluf (Lieut. General), General Staff of Isr. Def. Forces, 78-; b. 1929, Tel Adashim, Israel ed.: Tel-Aviv U. (Midd. East & North African History, Milit. History); Haifa U. (Pol. Sci.); 1st Grad. Class of Def. Coll., 63-64; married; 4 ch.; at age of 17 joined Palmach; Dep. Comp. Command, 48 (was wounded in battle of Katamon); var. operat. capacities (paratroops), 50-53; Command. of Pararoop Unit, dur. Sinai Campaign, 56; Dep. Command of Paratroop Brig., 58; Command of Paratroop Brig., 64-67 (dur Six Day War was wounded at Kantara); Command Jordan Valley Brig., 67-68; Chief Paratroop & Infantry Off., rang of Brig. Gen. 68-73; in Yom Kippur War, Command of Div. on Golan Heights, rank of Major Gen. 73-74; OC, North. Command, 74-77; Chief of Gen. Staff Branch, 77-78.

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EKSZTAJN, Yeshayahu; B. Sc.; Ing.; F.W.S.O.M.; M.I.Mech.E.; management engineer, founder & managing dir., Ya'al Associates, Ltd. (Igud Haya'al B.M.), Management Consultants, Tel-Aviv; b. Warsaw, to Israel, 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), Ben-Gurion U. Beer-Sheva, 77-; senior mbr., A.I.I.E.; Chmn, Isr Assn of Mng Consult., Tel-Aviv; p. Cmn, C'tee on training in manufacturing management, Is-

rael Management Center; p. Chmn, Indust. Eng. Div., Assn of Eng. & Arch. in Israel; mbr, Isr. Chptr Cl., Inst. of Manag. Sci.; papers on various management and industrial engineering subjects, in Hebrew periodicals.
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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-; Pres., BB Lodge „Herzl", 61-; mbr exec. c'tee & chmn., mbrship comm., B.B.; mbr: C.C. Liberal Pty; Municipal 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. dist. serv. 70; the "Herzl Room" on Mount Herzl was built accord. plans & pictures of Dr. Elan.
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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.
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ELBOIM-DROR, Rachel; Dr., Sen. Lect., Head, Div. of Educ. Planning and Adm., H.U.; b. Poland, 1931; to Israel, 1936; educ.: H.U., 49-54; Harvard U., 54-56; m. Prof. Yehezkel Dror; 3 s.: Asael, Otniel, Itiel; adult educ. teacher, 45-50; elem. educ. teacher, 50-52; principal, work. youth sch., 52-54; field studies at Harvard; teacher at Teachers' Coll.; Sch. of Educ., H.U., 63-65; lct. in educ. admin., H.U. 65-71; professional and res. activities in Isr & USA; lect. on educ. in inst. & confer. in Europe, Japan, USA, S. America; publ. books & numerous articles on educ. adm.
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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); cofounder. Movement for Integrated Israel, 67. Book: The Jewish Revolution, edit. Shengold NY; transl. into Heb. Nietzsche works (7 vols.); Shoken T. A. — Recip. Tchernihowsky Prize f. this transl., 77; book in Heb.: "Yerushalaim bein Hasswach ve "Hamizbeach" edit. Karta.
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ELDAR, Reuben; M.D. (Jer.); D.P.H. (London); Dir. Gen., Rambam Univ. Hosp., Haifa; p. Dir. Gen. of Med. Serv. 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; widower; 2 ch.: Dorit, Noa.
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EL-DROR, Yehuda M.; M.D., Diagnostic Radiologist; Med. Cnslt, Zamenhoff Cent. Outpat. Clin., Kupat Holim, T.A.; b. 19.3. 1928, Hanover, Germany; to Israel, 1939; ed.: grad. "Herzlia" HS T.A., 47; Bologna U., Fcty of Med. & Surg., M.D., M.S., 58; m. Aliza Wolkowitch; 2 ch.: Avigayil D., Joseph M.; lctr in Diagnostic Radiol., T.A.U. & H.U.Jer., 64-73; p. lctr in Anatomy & Radiol., Hasharon Hosp. Nurses Sch., P.T.; Chief Dep. Head, Dept. of Diagnost. Radiol., Hasharon Hosp., 71; Chief, Radiol. Dept., Kupat Holim Reg. Clin., Nathanya, 73; guest lctr, Armed Forces Inst of Pathol., Walter Reed AMC, Washington, 70; Assessor of Body & Health Damages of claims to Isr., Brit. & USA major insur. coies; med. cnslt f. problematic cases; publ. "A new method of urological radiological examination for children", 71.
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ELGRABLY, Mordechai; M.K. "Dash" — Democratic Mov. f. Chang., 77- (mbr, C'tees of Educ., Relief & Finance); b. 1944, Mekness, Morroco; to Israel, 1964 (in frame of "Oded" mov.); married; 3 ch.; Dep. Dir. Dept., Min. of Ed., 70-76; mbr, P.M.'s C'tee f. youth in distress; publ. on educ. & econ. of educ.
Knesseth, Jerusalem.

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; publ. articles in scientific periodicals in Israel and abroad.
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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 (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; mbr, Direct .of "Yad Ben Zwi" Inst. (appoint. by Mrs Golda Meir, 74); Chmn, C'tee of "Yad Ben-Zwi" Friends, 75; Hon. Fllw of H.U. Jer. & Jerusalem silver medal on the occasion of 75th birthday, 77; Honoured by Jer. Municip. & Dept. of Educ. & Culture with a school named "Menache Eliachar, Element. Sch. in Givat Mordecai", Jerusalem, 77; The Menache Eliachar Scholarship Fund f. needy students at the H.U. sponsored by top leaders of the Community in Israel, 77; Found & Chairman of Economic Club Jerusalem, 52;Found & Pres. of Israeli Natl. C'tee of Intl. Chamber of Commerce, 56; Appointed by P.M. one of trustees for "Ketter Tora" from Alleppo manuscript; Found. & Editor of the Jerusalem Chamber of Commerce Bulletin, 53; Vice Pres. of The Moshe Sharett Inst. of Oncology - Hadassah Med. Org.

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ELIAD, Nissim; lawyer; M.K., 68-77, 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 3 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; Member of the Knesseth (Sheli Party); Secr. Gen. of the 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; Dir., Isr. Aid Mission to Nicaragua, 73; auth.: "Between Hammer & Sickle", 65; "The Voyage of the Ulua", 67; "New Targets for Israel", 69; "No Time for History", 70; "Land of the Hart", 72; "The Wind shall not carry them Away", 74; "Shalom", 75; "Israel's Ladder", 76; publ. articles on settlement problems, absorption of immigrants & regional planing.

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(3 ed.); "Rabbi Esriel Hildesheimers Briefe", 66; "Recent Jewish Modern History — Annotated Bibliography", 67; "Love of Zion and Men of Hod", 71; "The Yishuv in Palestine in the Germany Policy, 1842—1914", 2 vols, 73; "David Wolffsohn — The Man and his Times"', 77; in prep.: "History of the Yishuv in the 19th Century".
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ELIAV, Yaacov; dir. of comps; B.A.;Gen. Mng. "Brinks" (Isr.) Ltd., 65-76; b.Russea, 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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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; Libretto "The Temptation", Muenich, 75; "A Voyage"' (a novel), 76; recip. Akum Prize, 63.

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ELKOSHI, Gedalyah; Ph.D., educator, author; Prof., Modern Hebr. Literature, Tel-Aviv U., 67-; b. Poland, 1910; m. Ruth Bravmann; 1 s. Zeev; 1 s. Ehud (fallen at Yom Kippur War); educ.: Warsaw University, Hebr. U.; to Israel, 1932; senior lect., 56-67; Asst. edit. & contrib., Hebr. Encycl., 46-66; Librar., Nation & Univ. Library, Jerus., 34-44; Teacher, Bible & Hebr. literature, Rehavia second school, Jerus., 44-55; Author: "Thesaurus Proverbiorum Latinorum"; Biblical Anthology; "Nah'lath Zevi", adnotated bibliography; Letters from P. Smolenskin to Yehuda L. Gordon; Naphtali Herz Wessely; Shmuel David Luzatto; Hebrew Press in Vilna, 19th cent.; Selected Works of Bar-Tobiah; selected essays of Moshe Gil; Janusz Korczak in Hebrew; Zwi Woyslawski's Letters, etc.; Chmn, Hebrew Writers' Un., Jer., 66-67; Levi-Gurfinkel Award (f. Korczak book in Heb.), 72.
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ELMALEH, Eliahou; Chevalier d'Academie; Officier d'Academie; Chevalier de la Légion d'Honneur; delg. "Alliance" (Isr.); b. Jerusalem, Aug. 9, 1909; m. Susanne Farhi; 1 s.; 1 d.; Teacher and principal, Alliance Israélite Universelle Schools in Fez (Morocco), Jerusalem, Tiberias and Beirut, since 1928.
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ELON, Amos; journalist; author; mbr, editorial board, "Ha'aretz", 62-; b. Vienna, 4.7.1926; to Israel, 1935; m. Beth Brod; d. Danae Audrey; p. Foreign Correspondent; books: Journey Through a Haunted Land, 67; The Israelis, Founders and Sons, 71 (English).
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ELON (Fetter), Menachem; Justice of the Supreme Court, Jerusalem 77-; M.A. Dr. Jur.; Rabbi; Advocate; Professor of Jewish Law & Dir. Institute. Research in Jewish Law, Hebrew Univ.; b. 1.11.23, in Germany; m. Ruth Buxbaum; ch.: Arie, Josef, Benjamin, Mordechai; 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; "The principles of Jewish Law"; publ.: "Jewish Law, history source, principles", 3 vols; treatises on legal topics. Jew. Law; Editor, Jewish Law Division, Enciclopaedia Judaica.
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young commanders; Pres. docum.-liter.-artist. Museum of Yom-Kippur War in mem. of Captain Miron Eltagar; b. Vilna, 19.9. 1919; to Israel, 1924; ed.: High Sch., Petach Tikva; Bar-Ilan U. (Gen. Philos. & Hebr. Lit.); m. Tehila; 4 ch.: seren Miron, segen Raanan, Niri, Sharona; Secr., "Laasireinu" Dan-reg., 47-48; milit. corresp., 48; parliam. corr. Hamashkif, 48-49; snr corr., "Yedioth Achronoth", 49-57; red. "Diplomat" & Yedioth Ramat-Gan, 57-67; frgn corr., 67-75; p.: Petach Tikva "Betar" comd., secr. Ramat-Gan Revision, speaker R.-Gan Municip., Pres. C'tee West-Afric. Exhib. in Isr., speaker Liberian Embassy, repr. Asian journ. at 1st Nigerian P.M. coronation; offic. guest of govrnmts of Liberia, Ghana, Nigeria, Sierra Leone, 60-63; publ. dur. 30 years 2500 artic. in 14 journ. & periodic. in Isr., Africa & Latin-America; since Y.K. War publ. 18 poems in Isr. press (his poem Elegy of a bereaved father was transl. in many lang.); due to appear: "Cursed of all — the Time" and a book of poems "Like a Tender and Hard Clapper"; Men of Achievement, 1976, Cambridge, Engl.; Command. of the order Star of Africa; mbr: C'tee f. Y.K. War eternis.; Herut Mouvm. Gen. Cl.; West-African Journ. Ass.; recip.: Merz press award, Jabotinsky order; prize f. transl. liber. poetry into Hebr.; citation for appearance of opening of Nigeria T.V.

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EN-DOR, Shimon; Chmn & Mng. Dir., La Nationale, Isr. Insurance Co. Ltd.; mbr: C.C., Isr. Insurance Assn; Govt. Insurance Cl.; b. Alexandria, 20.5.1916; m. Eva Lessman; 1 s.; ed.: High Schools, Rome & Alexandria; to Israel, 1938; on staff of Reunione Adriatica, later of Prudential; Pres., Tel-Aviv-Yaffo Rotary Club.

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ENGELBERG, Louis; Rabbi, Taylor Rd Syn., Cleveland Heights Ohio; mbr: Relig. Zion. of Am. (Vaad Hapoel); Rabbin. Cl. of Am.; b. 28.6.1910, New York City; ed.: Yeshiva U. - B.A., 32; M.A., 63; D.H.L., 74; Hon. D.D., 74; ord. rabbi, Rabbi Isaac Elchanan Theol. Smnry, 37; m.: Hannah Katz; 2 s.: Abraham Abba, Rabbi Dr.; Philip; 3 d.: Etta Judith Einstadter, Abigail, Jacqueline; Rabbi, Cngrn Shomrei Hadath Elmira, N.Y., 37-39; p. pres., Yeshiva Coll. Alumni Assn; p. vice-pres. (now mbr): Rabbin. Cl. of Am., Yeshiva U. Rabbin. Alumni; p. chmn, Relig. Div. of Isr. Bonds, Clev., Ohio; p. editor, Sermon Manual, Rabbin. Cl. of Am.; mbr: Yeshiva U. Relig. Alumni, B'nai B'rith, etc.

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ENOCH, Hanna; Dr., Snr Lctr, Technion, Haifa; b. Hamburg, 9.7.1913 (maid name: Isay); to Israel, 1949; ed.: elem. & second. Sch., Switz. & Germany; Heidelberg U., 2 semest., 32-33; compl. doct. thesis, applied linguistics, France, 70; Dr. in Sci. Humaines, Caen (Normandy) U.; widow of Prof. Paul Enoch; ch.: Jael-Constance, Pierre-Dan, Anne-Noemi; Head Emigr. Dept., A.J.D.C., Brussels, 45-49; teach. French, HS "Hugim", Haifa; teach., French Cult. Cent., Haifa; respons. teaching of French & teacher's train. f. Israel Air Force, 60-64; Citizen of Honour, Quaregnon (Belgium), 47.

Department of General Studies, Technion, Haifa.

EPPSTEIN, Ury; M.A.; lctr on Japan music & theatre, Hebrew U. Jer., born Germany, 3.2.1925; educ.: H.U.; to Israel, 1935; p. secr., Lit. Publ., J.A. Department Education & Culture; public relations officer, Min. of Transp. & Commun.; p. Asst. Edit. Centr. Zion. Archives' edt'n of Herzl's Collected Works; contrib. to "Haaretz" & other newspapers; postgraduate studies of Japanese culture & music, at Tokyo U. of Arts; p. secr. H.U. Music Res. Centre; m. Kikue; 2 s.: Itzhak, Benjamin.

10, Horkania St., Jerusalem.

EPSTEIN, Raymond; Eng. & Arch., chmn of the Board, A. Epstein and Sons Intl Inc., 61-; b. 12.1.1918, Chicago, Ill: m. Betty Jadwin; children: Gail, David, Norman, Harriet; ed.: M.I.T., 34-36; U. of Ill., Urbana, 36-38, B.S.C.E.; p. Presid. Cl. of Jew. Feds. & Walfare Funds; mbr.: UJA Exec. Ctee, UIA Board; Board of Governors of Jewish & Welfare Funds; mbr.: UJA Exec. Ctee, V. Pres., Jewish Telegraphic Agency; Life Director, Mount Sinai Med. Res. Foundation; mbr., Board of Trust. Memorial Foundation f. Jewish Culture; Chicago Chairman Public Affairs Committee; Secretary, Natl. Jew., Community Relat. Advis. Council; mbr. Exec. C'tee, American Israel Public Affairs C'tee; p. Presid., Young Men's J. Cl.; JWF of Metropolitan Cichago; p. chmn: Brd of Jew. Un. Fund, Cmmty Fund of Chicago; p. mbr: brd of dirs, Chicago Bldg Cngrs; U. of Ill. Fndn; p. brd mbr & secr., J. Fed. of Metropolitan Chgo; p. treas. & brd mbr, Wlfr Cl. of Metropolitan Chgo; p. mbr. brd of trustees, Standard Club; mbr: brd of trustees, Chicago Med. Sch.; Loyola U. Citizens Brd; Mayor's Comm. f. Sen. Citizens, housing c'tee; Fund f. the Republic, Chgo c'tee; Am. Scty of Civ. Eng.; Scty of Am. Registered Arch.; Am. Concrete Inst.; West. Scty of Eng.; Natl Scty of Prof. Engs; Dir. Emeritus, U. of Ill. Fndn; Societé des Ingénieurs Civils de France; French Eng. in USA; Assn of Engs. & Archs. in Isr.; numerous visits in Isr. (accompanied by his wife, Mrs. Betty, who is also active in Jewish Orgs; part in PM's Mission, 70, and led the Chicago Mission, 71; maintains branch office in Tel-Aviv.

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EPSTEIN, Simon; Ph. D., educational psychologist; b. Lodz, Poland, 24.12.1911; to Israel, 1950; ed.: gen. & Jew. scnd sch., Lodz, - 29; M.A. (Educ. & Philos.) Warsaw U., 39; Lodz U.: Ph.D., 48; advanced stud. in sociol., 49; m. Irena Steinberg; d. Tamar; instructor, res., editor Levinsky Teachers Train. Coll., Tel-Aviv; advis. in train. youth teach., Youth Dept., Min. of Educ.; mbr

Educ. Brd; lctr, instr. & libr. manag., Teach. Train. Coll., Seminar Hakibbutzim, 50-60; lctr Sch. Social Work, 53-58; instr. princip. T.T.C. f. soldiers in milit. serv., 60-68; lctr in T.T. univ. courses, lctr., instr. reser., Levinsky T.T.C., 68-77; in Ghetto Lodz, 40-44; teach. child. & youth in concentration & labor camps (Garmany), 44-45; in Lodz, 45-50; active, snr positions f. rebuild Zion. Mouvm. and f. promoting Aliya to Isr.; psychol. counsel., Min., of Labor, Lodz, 48-50; books: "Israeli Youth" digest of res. papers, 64,66,70; "My Class and My Pupils", 73; "How to Study in College", 68; "Teaching-Issues and Problems", 67; 70 publ. in periodicals & anthol., 57-77; spec. res. topic: "Adjustment to Teaching of Beginning Teachers"; mbr: Isr. Psychol. Assn, Isr. Teachers Un.; mbr var. c'tees f. advancement of teach. & teach. train., 60-77, on behalf of Min. of Educ. and Isr. Teachers Un.

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ERDELYI, Arthur; Prof. of Math., U. of Edinburgh; b. 2.10.1908, Budapest, Hungary; ed.: Deutsche Technische Hochschule, Brno; Dr. Rer. Nat., German Univ., Prague; D. Sc. U. of Edinburgh; m. Eva Neuburg; Vice-Chmn, Edinburgh Zion. Org., 46-49; Acad. Cl., Am. Friends Heb. U., 60-64; Prof. Math. Calif. Inst. of Technology, 49-64 & U. of Edinburgh, 64; Vis. Prof., H.U. Jer., 56-57; Vis. Prof., U. of Melbourne, 70; publ. several books & numerous res. papers & reviews in math. periodicals; F.R.S. London, Edinburgh; foreign mbr., Acad. of Sci., Turin, Italy.

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ERDREICH, Heinrich; architect; dipl. eng.-arch.; adviser on school buildings, Min. of Education, 61-; b. 16.2.1925, Rumania; B.Sc., Fcty of Archit., Bucharest; dipl. Technion, Haifa; to Israel, 1950; m.: Dr. Rena Griffel, M.D.; 2 s.: Daniel, Raphael; p. Archit., PWD., Distr. of Jerusalem, 50-57; dep. chief arch., Jerus. Municipality, 57-59; chief designer, Min. of Housing, 59-61; mbr. of the Assn of Eng. & Archit. of Israel & of the "Histadrut"; planned: H. Szold Sch., Talpiot Sch., Szold Inst., Jer.; Jeshurun H.S., Petach-Tikvah; Youth Centre, Nahariya; House of the Bible, Jer.; housing schemes prototypes; Comprehensive School in Holon; Youth Aliya Center in Jerusalem; mbr of. various Govt. c'tees.

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EREL, Jehuda; teacher; Dir., Soc. Educ. Dept. T.A. Municip.; b. Tel-Aviv, 27.2.1925; ed.: Teachers Semnr., -50; advanced course in extra-curricular ed., England, 58; same stud. in Israel, 56; Bar-Ilan U. 67; m. Malka Rutman; s.: Amiram; d. Iris; Ntl Dir., Noar le Noar B. Brith, Isr.; in charge, Intl relat. publ. C.f. Youth Exchange; mbr Hapoel Ramat-Gan brd Basket ball; p. Gen. Secr. of Bridge in Brit.; p.mbr: Magen David Adom, T.A. Brd; superintend. Bnei Brit Lodge, Neurim & Secr. B.B. Lodge "Achshav". Chmn, Asiatic Conf., India; article Pedag. Encyclop. Israel; I.R.A., Intl; written play, Interdrama; recip.: B.G.G.F.V., Austria; Comm. Omri-Italy; B.V.K., Germany; German Red Cross; cit. Am. Congr. f. contrib. to youth work in USA.

4, Hazamir St., Ramat-Gan.

EREL (Ehrlich), Shlomo (Siegush); Dir., Book & Print. ct., Export Inst., 72-; Dep. Mng. Dir. of Am. Oved Publishers, 70-; Dir., Latin Am. Dpt., Intl Cooperation & Liaison Dpt., Min. of Def., 67-70; b. 23.4.1916; to Israel, 1937; m. Naomi Kluger; Secr., 'Habonim", Berlin, 37-38; Secr., Hechalutz, London, 42-44; Secr., kibbutz Galed, 44-51; on mission J.A. to USA, Canada, 48-51; Dir., Pol. Econ. Research Dpt., Prime-Minister's Office, 51-55; on mission J.A. to Argentine, Uruguay, 55-57; Dep. Dir., Dpt. of Emergency, Min. of Def., 57-63; Councillor, Isr. Emb., Caracas, 63-65; Repres. Min. of Def. in Latin Am., 65; Councillor, Isr. Emb., Lima, 65-66; books: "Bemaaglei Haneft", (Mass, Jer.); "Im Schatten der Bohrtuerme" (Seewald Verlag, Stuttgart, 75); "Petroleum Panic" (Academic Press, 75, Jer.); coll. of speeches, research work, articles; contrib. to Encycl. Judaica, etc.; recip. Sherman Award, 76; Fllwship Memirial Fndn f. Jew. Culture USA, 77.

33, Brenner St., Herzlia.

ERELL, Moshe; Israeli Ambassador to Brazil; formerly Isr. Ambassador (1970-73) to Australia, New-Zealand and Fiji; born Lod, 21 September 1923; m.: Pua Barkol; educ.: Jewish Agency Civil Service College; w. M. F. A., 48; Secr., Isr. Legation, Stockholm 50-52; Ded. Dir., Western Europ. Div., 52-54; 1st Secr., Isr. Embassy, Washington, 54-56; 1st Secr., Embassy, Ottawa, 56-59; Counsellor, Embassy, Washington, 59-61; Dir. of Armistice Affairs, 61-63; Ambass. to Nepal, 64-67; Dir., Asia & Oceania Div., 67-70; mbr, Isr. Deleg to U.N. Assembly, 68, 69, 74; transl. into Heb.: Selection of Plays by Nobel Laureate W.B. Yeates; "Hebrew Mythes" by Robert Graves & Raphael Patai.

7, Tel Hai St., Jerusalem & Min. of Foreign Affairs, Jerusalem.

ERELL, Shlomo; Aluf (Rear-Admiral) Res.; Gen. Mng., Isr. Shipowners Assn; Unitization Project Mng., Citrus Marketing Board; p. Gen. Mng., Subsidiary of Maritime Fruit Carriers; b. 20, Poland; to Isr., 1926 educ.: "Geula" (sec. sch.) Tel Aviv; active in Bethar-Yam, studies at Italian naval school, 36-38; upon return from Italy, detained by British authorities & imprisoned f. 6 months; during World War Two, joined British merchant navy, rank 1st off., 40-43; app. captain coast-ships, in the Mediterranean; participated, evacuation British forces, Dunkerque, 40; released f. British Navy, 44; app. head maritime transport, Dead Sea Works; joined Israel Navy, War of Independence & in various naval assignments ever since; in command of Israeli Navy relief operations for Greece, 53 & won high royal recognition from King Paul; Milit. Attache

in Italy, 55-56; first Israeli student at Royal Navy's School of Comm. & Gen. Staff, 56; organized, Israeli Naval School & its 1st Comm./Off., 57; app. comm. Destroyers' Squ. 59; head, Naval Dpt., Israeli Navy, 60; app. O.C. Isr. N., 66-; studies, Columbia U., Grad. Sch. of Business, 69-70; m.; 2 ch.

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EREZ, Tamar; paintress; b. Israel, 15.5. 1945; ed.: Avni-Art School; married; 3 ch.; exhibitions: Gall. Lim, Tel-Aviv; Kolor, Ashkelon; Armon, Jer.; "Grafica D", Haifa; Herzlia Mus.; preparing exhib.: London, Amsterdam, Paris.

8, Hashoshanim St., Herzlia.

ERHARD, Gideon S.; B.A.; M.B.A.; econ.; business admin.; Manager, Discount Bank Inv. Corp.; b. Jerus., 6.1.37; m. Rachel Hilkovitz; 2 sons; 1 daughter; education: Hebrew University, Jerusalem, Columbia U., USA; mbr, Brd. of Dir. of many enterprises including Electric Wire & Cable Co. Ltd., Elco Israel Electro-Mechanical Industry Ltd. Elron Electronic Industries Ltd., Klil Ltd., Argaman Ltd., Delek Ltd.

12, Haparsa St., Ramat Gan.

ESHEL, Jacob; B.Sc. Econ.; Manager — Discount Bank Investment Corporation; b. Berlin, 10.3.1929; m. Miriam Roth; 2 d.; ed.: Hebrew University, Tel-Aviv Branch; IDF, Sgan-Aluf, various field instruction & staff duties, 47-55; w. United Saran Plastic Corp., 55-60, finally Financial Exec. & Assist. to Manager; V. Pres. PEC 62-68; Joined Discount Bank Investment Corp., 69; on the Boards of Dirs.: ABIC Ltd., Eltek Ltd., Iscar Blades Ltd., Iscar Ltd., Ta'assan, Sci-Tex, Co. Ltd., Pilot Radio (Israel) Ltd., Elron Electronic Industries Ltd., Elbit Computers Ltd., Scientific Data Systems Israel Ltd., Elscint Ltd.; Israel Can Co., Ltd., Klil non-ferrous metal Ind. Ltd., Klil Aluminium Products Ltd.

3, Zahal St., Givataim.

ESHKOL, Dov; Gnl. Mng., Guest House Kibbutz Ayelet Hashahar; Lt. Col. (Res.), IDF; b 19.6.1914; Karlsruhe, Germany; to Israel, 1939; ed.: High School; m. Yehudith Zarankin; ch.: Noa, Uri, Yochay; mbr.: SKAL; "Chaine des Rotisseurs"; brd. dir., Histour; "Vacation Village", Ashkelon; Israel Hotel Assn.; p.: mbr brd dir., Pri Hagalil; "Habonim" & "Hechalutz", Germany.

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ESRONI, Yinon; engineer; Gen. Mng., Automotive Industries Ltd., Nazareth Illit; b. in Haifa, 1927; educ.: B.Sc., Dipl. Eng. (Mech. Eng.), Technion Haifa; M.Sc., Mech. Enging. & M.Sc., Industrial Engng, Colombia U.; m. Hanna Krutakov; ch.: Ehud, Tamar, Michal; Colonel IDF, Chief of Ordinance 63-65; rec. manufact. Assn Award, 76 (f. outstand mngmnt & indust. devel.)

1, Itzhak Ave, Haifa.

ETINGON-REICHERT, Nadia; pianist; b. 28.4.1904, Kiew, Russia; to Israel, 1928; ed.: Kiew Conservatory; stud. — Leipzig (w. Prof. Robert Teichmüller), France (Prof. Philippe), Berlin (Arthur Schnabel); m. Prof. Israel Reichert (dec.); before settl. in Palestine, worked w. Prof. Matthay, London; played many times w. Jer. Radio Orch. & Philar. Orch.; recitals (as soloist) in T.A., Jer., Haifa; also in Cyprus, Paris, Leipzig, London, Warsaw; appeared also w. trio: Ury, Atara Glikson-Herz & Telma Yellin; citations in Kiew & Leipzig.

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ETRA, Max; Chmn., Brd. of Trust., Yeshiva U., 53-; b. Rymanov, Poland, 24. 4.1903; to U.S.A. 1907; educ.: City Coll. N.Y., B.Sc., 24; Fordham U, Law Sch., LL.B., 28; practised law, 29-; mbr.: Bar Assn, New York, N.Y. Cl. Lawyers Assn., Elks, Friars; Hon. Dr. of Laws 58; mbr, Brd. of Overseers of A. Einstein Coll. of Med.; mbr, Brd of Dirs, Yeshiva U. High Sch.; p. Pres., Cngn Kehilat Jeshurun, Manhattan; Pres., Union of Orthodox Jew. Cngns of Am.; V. Pres., Beth Israel Hosp., N.Y.; mbr, Natl. Cl. Boy Scouts of Am.; p. Assist. Chmn., Am. Jew. Tercentenary C'tee; **contrib. to UJA,** Fed. of Jew. Philantropies of N.Y.

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ETTINGER, Samuel; Assoc. Prof. of Jewish History, 65-; b. Kiev, 1919; M.A., 50; Ph.D., 56, Jerusalem Hebrew U.; Assist., 52; Instructor, 56; Lecturer, 61.

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ETTINGER, Shoolem; Mbr, Natl. Exec. Z. O. A. ; Board of Trust., U.J.A; America-Israel Friendship League; mbr., Natl Brd of Govenrs, Israel Bonds; mbr; Natl Brd of Govnrs, Israel Bonds; Natl Brd of Trust., JNF; brd mbr, Inst. f. Inform. & Communication in Isr.; found. & brd mbr, Indpls Heb. Acad.; Natl Chmn, Israel 25th Estabilshment of State; First Board of Trustees, Bar-Ilan U.; mbr WJC; Board of Hooverwood Home; Fliw, Hanover Coll.; repres. Z.O.A. four Zion. Congss.; p. Mbr., Jew. Agcy; b. Indianapolis, Ind., 7.11.1908; grad. HS; m. Hilda Rabb, 1935; p. Pres.: Indpls Zion., Ohio Valley Reg. ZOA, Zion. Emerg. Cl.; p. Vice-Pres., Jewish Educ. Assn; p. Boy Scout leader; p. mbr, Brd of Jew. Fed., Indpls; cit.: "Indiana Jewish Man of the Year", 1949; Natl Brd mbr, Am. Zion. Fed.; Brd of Govnrs, Jew. Wlfr Fed. of Indpls; Natl Brd of Trustees, City of Hope, Duarte, Calif.; served on many other local & natl boards; active in Orthodox Jewish life.

820, Northview, Indianapolis, Indiana 46204, USA.

ETTLINGER, Charlotte; Pres., WIZO, Sweden; mbr: World WIZO Exec., Zion. Org. Board, Brd of "Russian Jewry"; b. 10.6.1923; m. Joseph Ettlinger; 1' s.: Kaj; 1 d.: Mirjam.

Wizo, Stockholm, Sweden.

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 International (1969) Ltd., dir.: Engineering Serv. ternational Limited; born 23 Febr. 1936; Israel; ed.: Technion Haifa — B.Sc. (Civ. Eng.), 61; M.Sc. (Indus. & Mngmnt Eng.), 68; m. Ruth Shariv; s. Yoram; 3 d.: Dana 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.
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EVIATAR, Aharon; Chmn, Dpt. of Geophys. & Planetary Sci., 77-; Snr Letr, 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; 2 d.: Zohar, Hadass; 1 's. Shaul; Visit. Res. Prof., UCLA, 74-75; mbr & Secr., Isr. Natl C'tee f. Solar-Terrestrial Phys.; p. mbr, editorial brd, Cosmic Electrodynamics Journ. 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; Am. Phys. Scty, Div. of Plasma Phys. & Cosmic Phys.; Am. Astronom. Scty, Div. of Planet. Sci.; Europ. Phys. Scty; Europ. Geophys. Un.; Isr. Phys. Scty; elect. to Cl. of Dem. Mov. f. Change 77; 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, Plasma & Radiophys., of the Planet Jupiter; Spectroscopy of the Satellites of Jupiter.

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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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EVYATAR, Azriel; Chairperson (Dept. of Teach. in Sci. & Technol.) Technion Haiifa, 78; Prof. (Math. educ.) Technion, 73-; b. Antwerp, Belgium; 1926; to Israel 1951; educ.: Math. Sci., Licenced 48 & Dr., 51, Bruxelles; w. Dpt. of Math., Technion, 54 (Cmn of Dpt., 69-70); Visit. Posts: Northwestern U., Evanston; U. of Calif. Berkeley; U. of Mass.; U. of Sussex, Brighton; Teachers Coll., Columbia U.; Chmn, Ad-Hoc C'tee f. Academization of Bezalel Art Acad. 73-76; Reviewer f. Math. Reviews; contrib. to Heb. Encyclop.; mbr: Isr. Math. Un.; Am. Math. Scty, London Math. Scty, Scty f. Res. into High Educ., London; Natl Assn f. gifted Children, London; publ. many res. papers, books (Math. Tests, Algebra, Analytic Geometry), articles.
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EVYATAR, Hena; sculptress; b. Lodz; to Israel, 1951; educ.: Belgium, Israel, USA; m. Azriel Evyatar; mbr, Natl C'tee, Artists Union; exhibitions: Chicago, Evanston, Berkeley; one-man shows: New-York, Kiryat Bialik, Tel-Aviv, Brighton, Haifa, Herzliya, Jerusalem, Buenos Aires. Awards: First Prize, Annual Central Ceramic Exhibition, Chicago, 59; Sculpture Prize, Natl Sea Exhibition, Haifa 75.

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EYAL, Shmuel; Aluf (Major General); Mng. Dir., Hamashbiir Lazarchan, 75-; mbr, Municip. Cl, Rishon Lezion; Chmn, "Tzevet" org. of retired I.D.F.; p. Israel Defence Attaché to the United Kingdom & Scandinavian countries; p. Chief Manpower Branch H.Q., I.D.F.; f. Off. Command., Nahal; b. Vitebsk, 22; m.; 2 ch.; to Isr., 23; various courses assignments and commands in Hagannah, 1939-48; several commands in I.D.F., 1948-60.
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EYAL, Zvi; Prof. of Surgery; Head, Dpt. of Surg. A. Hadassah U. Hosp., Jer.; b. 1.11.1925, Holland; to Israel 1946; ed.:M.Sc., M.D.; m.: Hefzibah Giladi; 3 ch.: Dep. Chmn, Isr. Surgical Assn.; mbr.: F.A.C.S., I.S.S.
39, Harlap St., Jerusalem.

EYLON, Pinchas; Mayor of Holon, 53-; Chairman, Union of Local Authorities; b. Poland, April 6, 1909; m. Miriam Landsberg; 1 s., Hagai; 1 d., Drora Herling; ed.: relig. sch.; to Isr., 1930; mbr. ed. staff, "Hassadeh", 1952; Assistant Mayor, 1950; mbr, Central Secret. of Labor Pty & of the Municipal Dpt., Labor Pty; mbr, Exec. C'tee of IOLA (Intl Org. of Local Auth.); deleg. to several mun. congresses in various coun-

tries; hon. citiz. of Suresnes (Seine), France; various contributions on municipal topics.
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EYTAN, Walter; M.A.; Chmn, Israel Broadcast Auth., 72-78; Ambass. to France, 60-70; Polit. Adv. to Min. f. Frgn Aff., 70-72; b. 24.7.1910, Munich; m. Beatrice Levison; 2 s.; 1 d.; ed.: St. Paul's School, London, & Queen's College, Oxford; to Israel, 1946; lectr., German Language, Oxford U., 34-46; Principal Jew. Agcy Public Service Coll., Polit. Dpt., Jewish Agcy, 46-48; Dir. Gen., Min. f. Foreign Affairs, 48-59; head, Israel delegation to the Armistice Negotiations at Rhodes, 49; Author of "The first Ten Years: a Diplomatic History of Israel" (London & N.Y.), 1958.

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logy of the Public Schools, 1972; articles in: Israel Magazine, Midstream, Judaism, Congress Bi-Weekly, Response, Technology Review, Journal of Jewish Social Studies, New Republic, New York Times, Saturday Review, Worldview, etc., also, Observations on Jewish Identity, 65.
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FREEDMAN, Louis; biochem.; Vice-Pres., Am. Friends of the H.U.; p. V. Pres & Dir. Research, U.S.V. Pharm. Corp.; mbr, Brd of Governors, H.U.; Chmn Am. Campaign to build new Sch. of Pharmacy, H.U.; b. New Haven, Conn., USA, 29.1.1894; ed.: Yale U., Ph.B. & M.S. in Applied Organic Chem., 15, 17; Columbia U., Ph.D. in Biochem., 22; m. Bertha F. Gallup, 1923; ch.: Joel G., David D., Paul G.; mbr: Am. Chem. Scty; N.Y. Acad. of Sci.; A.A.A.S.; Soc. Exper. Biology & Med. (& other sci. societies); Chem. Yale Clubs, N.Y.C.; life-mbr & flw: Am. Inst. Chemists; Sigma Xi, Yale Eng. Assn.: author & co-author of 80 articles; inventor of over 100 patents; established, Freedman Fndn Patent Award of the Am. I. of Chemists & third recep. of award, 68; establ. Yale U. Flwship in Bio-Chem. & annual award in Bio-Chem., N.Y. Acad. Sci.; directed research program (53-57) which culminated in the synthesis & pharm. evoluation of Phenformin, the oral antidiabetic drug known as DBI, in the USA, & Dibotin, Debione & Insoral in other countries; found., Dr. Louis Freedman Post-Graduate Center f. Pharm. Sci., Sch. of Pharmacy, Ein Kerem, Jer.; life-mbr, ZOA, active 19-24; co-chmn: U.J.A. (Drug Indus), N.Y.; Isr. Bonds; awarded: "Trustee of Israel", 58; Isr. Freedom Medal, 65; Isr. Bonds distinguished Serv., 66; "Founder H.U.", 66; Ph.D. Honoris Causa, H.U., Jer., 70.

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FREISTADT, Peter; stage, TV and film dir.; Pres., Rachel Films International Ltd.; b. 13.10.1931 ;ed.: Prague U., Faculty Film and TV Directing; m.: Becki Suzin; s.: Uri; d.: Rachel; p. theatre, films and TV dir., Prague; dir. stage performances Romeo and Juliet, Molier's Don Juan; Gen. Manager, Haifa Symphony Orch., 70-; mbr: I.T.I., Israel Guild Cinema and Stage Artists, Israel Guild TV Artists; found. & Gen. Mng., Israeli Film Archive of Painters & Sculptors.
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FRENCKEL, Eliezer; Prof. of Heb. & Yiddish Lit.; b. 1.8.1920, Podul-Iloaiei, Rumania; to Israel, 1962; ed.: Parhon U., Bucharest — M.A., 57; lit. courses, Sorbonne, Paris, 62; res. work, H.U. Jer., 65-68; m.: Dr. Vica Copel; d.: Rivka; s.: Nathanel; gen. secr., Jew. Cultural Assn I.L. Peretz, Rumania, 44-48; Visit. Prof., Heb. & Yiddish Lit., Jew. Teachers Smnry, New-York, 70; publ.: "Undzer Sprach", 41; Naje Yiddische Dichtung (introduction by Itzik Manger), 46; Dos Yiddische Wort, 48; Introduc. to Eliezer Steinbarg works; Yid. textbooks, 56, 57; Yid.-Rum. Dictionary; etc.; publ. in Heb., Rum., French on lit. topics, Jew. problem, etc.; articles in "Die Goldene Keijt", "Moznaiym", etc.
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FRENEL, Itzhak; painter, stage designer; b. 1899, Odessa; married; educ.: Odessa Art School, Russia, Ecole des Beaux Arts, Paris; to Israel, 1919; exhibit. in Alexandria, Paris, Israel, International Biennale, Venice, 1948; awarded Tel-Aviv Municipal Prize and Prizes by Israel Assn. of Painters & Sculpt. Dizengoff Prize 34, 38, 39, 40, 48 ;First Prize, Intl Litography Exhib. Bruxelles, 58; Grand Prix, Paques et Noel, 72; Grand Prix de Peinture de la Cote d'Azur & de Dauville, 73; lived many times in France; found. Museum in Safed in his name, 73 (in which he collected his most important works, such as "The Father", "Life & Death of the Tzadik,' "Jerusalem", "Family Portraits", "Safed in Blue", etc.); other important works: Vitrages f. the Church in Rex-Calvados, France; portraits of the first leaders of Isr.; Marcel Marceau, Ludmila Cherina, etc., his works in Museums in Isr., France, USA. Peru, etc.; exhobit. since 1926.
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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.

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FRIEND, Robert; Snr Lctr in Eng Lit.; H.U. Jer.; b. 25.11.1913, Brooklyn N.Y.; to Israel, 1950; ed.: Brooklyn Coll., B.A.; Harvard U., M.A.; H.U. Jer., Ph. D.; 4 books of poetry: Shadow on the Sun; Salt Gifts; The Practice of Absence; Selected Poems; 2 books of transl. poetry: The Selected Poems of Leah Goldberg; The Selected Poems of Natan Alterman; transl. poetry from Heb., Yiddish French, Spanish & Germ.; recip., Jeannette Sewell Poetry Award.

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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, Wochen-Zeitung, Folk un Zion; also missions to South Africa & Germany.

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FULD, Stanley H.; Attorney; Chief Judge (retired), State of N.Y., 66-74; Dir. & p. Chmn of Brd, J.T.S. of Am.; b. 23.8.1903, N.Y. City; ed.: City Coll. N.Y. — B.A., 23; Columbia Law Sch., LL.B., 26; m. the late Florence Geringer; 2 d.: Hermine Nessen, Judith Miller; admit. to Bar, 26; Assist. Dist. Att., 35-44; Judge, Court of Appeals, 46-66; mbr, Brd of Visitors, Columbia Law Sch.; Dir.: Columbia Law Review Assn; Alumnae Assn of Coll. of C.N.Y.; Hon. degrees, Dr. of Laws, from Columbia U., N.Y.U., Union Coll., Hamilton Coll. & J.T.S.; Chief Justice Harlan Fiske Stone Award; Joseph M. Proskauer Award, etc.

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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.

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GAATHON, (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.
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GABBAY, Joseph; Econ.; Dep. Dir. of State Revenue Admin.; Lctr. Econ., Tel-Aviv U.; b. Baghdad 1933; to Israel, 1951; ed.: H.U. Jer.-Midd-East Stud. & Econ. (B.A., 58; M.A., 62), Econ. (Ph. D., 75); U. of Chicago — Econ. 69-70; m. Miriam Nussbaum, 3 ch.

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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; Beth Shalom Alechem, T.A., 71; Dughit Art Gall., T.A., 75.

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GABRIELI (Goldenberg), Moshe; Sociolog. mass communications; Pub. Relat. Off., Isr. Railways; mbr.: Isr. Press & P.R. Assn, Intl Advis. Assn; b. Poland, 1913; m. Esther to Israel: 1934; agricultural laborer, later Selka; 2 s.; educ.: Vienna & Hebrew Univ.; private secretary to Dr. E. Soskin, founder of Nahariya; after special studies abroad, organized public relations office for war veterans.
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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.
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GAFNY, Arnon; Governor Bank of Israel, 77-; past 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.
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GAL, Aharon; Mil. Eng.; Gen. Mng., Merkavim Metal Works Ltd.; b. 1929, Poland; to Israel, 1932; m. Ruth Nussdorf; joined I.D.F. 1948 & left serv. 1976 as Armoured Brigade Commander with the rank of full Colonel; grad. military engin., Technion; history & top executive course T.A. University.
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GALAI, Benjamin; poet, writer, 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.
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GALE, Joseph; plant physiologist, Ph.D.; Prof., H.U. Jer.; Visit. Prof., Ben-Gurion U., Beer-Sheva; b. 30.11.1931, London; to Israel, 1948; 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; Visit. Prof., McGill U., 76; m.: Rena Orbach, M.D.; 2 ch.: Tal, Irad Yekuthiel; p. Captain (Pilot), Arkia Co.; some 45 publ. in the field of plant physiol.-ecological adaptation of plants.
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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; Lt. Col. (Res.), IDF; also Chmn of Brd, Hebrew Tutorial Correspondence Coll.
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GALILI, Israel; M.K.; Min. without Portfolio,65-77; 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.
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GALUN, Arjeh Baruch; Ph.D.; Assoc. Professor of Ind. Org. Chemistry, Ben-Gurion Univ. of the Negev; past. (60-71) 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 the U.S.A. articles on polymers and organic syntheses, chiefly in fields of diphenylmethanes, fluoro compounds and indole derivatives.
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12 Hankin St., Rehovot.

GALUN (nee Rabinovitch), Rachel; M.Sc.; Ph. D.; Prof. of Zool., H.U. Jer., 77-; w. Isr. Inst. f. Biol. Res., Nez-Ziona, 56-77; cnslt, Wld Health Org. & U.S. Dept. of State; p. Assoc. Prof. of Parasitol., Tel-Aviv U. Med. Sch.; Brd of Dirs Intl Centre of Insect Physiol., Nairobi (Kenya); cnslt Intl Atomic Agcy; born 3.4. 1926, Israel; m. Prof. Arjeh Galun; 1 s.; 1 d.; educ.: Hebrew and Illinois U.; several publications & books in insect physiology.
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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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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.; married Margot Strauss; 3 children; 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.

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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. N.Y., 53-70; HU, 70-72; brd of dirs: U. Centers 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; Cmn Brd, Cent. Rassco Syn., Jer., 75-76; 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 (co-author); edit., Michael: On the History of the Jews in the Diaspora, III 75, Edit. Brd.: Am. Jew. Historic. Quart., 77-; Societas: A Review of Soc. History, 70; book: History of the Jews of Cleveland, 78; articles & reviews in Jew. Hist.

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GARYN, Nathanel Tony; Isr. Ambas. to Niger & Rwanda, 72-74; in the years 57-71, Chief Edit., "L'Information d'Israel"; b. Lublin, 20.2.1921; m. Charlotte Hausmann; 2 ch.; ed.: Medical Studies, Paris U.; p. leading mbr, Jew. Resistance France in Wld War ; Gen. Secr., Zion Fed. France, 52-55; Hon. Pres., Union des Juifs de France et d'Algerie en Israel.

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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.

Quinta Judevi Avda Washington Esq. Marques del Toro, San Bernardino, Venezuela.

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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GAVISH, Yeshayahu; Vice Pres., Koor Industries & Head, Koor Metals Steel groups; Aluf (Brig. Gen. 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 Metals 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.

18 Ruppin St., Tel-Aviv.

GAZIT (Weinstein), Mordechai; M.A.; Isr. Ambassador in Paris, 75-; Dir. Gen., P.M.'s Off. & Advis. of the P.M., 73-75; Dir. Gen., M.F.A., 72-73 (Assist. Dir. Gen., 66-67; Assist. Dir. Gen. in charge of N. Am. Affs, 70-72); b. 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. Plnpt. to Washington, 60-65; Dep. Dir., Min. of Absorption, 68-70; Head., Interministerial Working Grps, preparing Isr. diplom. positions, 71, 73-74,

75; Chief, Isr. Deleg. in Geneva f. negot. w. Egypt, 75.

Ambassade d'Israel, 3 rue Rabelais, Paris VIII, France.

GEFEN, Marek, journalist; Edit. in Chief, "Al Hamishmar"; b. 14.7.1917; Czechoslovakia; to Israel, 1949; ed.: Krakow U.; m. Dorit Salzman; ch.: Avigail, Iris, Tal; mbr.: polit. C'tee, "MAPAM" Pty; Journalism Cl, Press edit. C'tee; edi.: Partisans Book; Russian Short Stories Anthology; Polish Short Stories Anthol.; Diary of Yom Kippur War; edit. in chief, Jew. news paper "Mosty", 46-49, Lodz, Poland; p. polit. corresp. & mng. edit.; recip.: Sokolov Prize. 75.

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GEFFEN, David M.; historian; Educ. Dir. & Frgn Coord., Zalman Shazar Center-Hist. Scty of Isr. Jer., 77-; p. Pres., Rabbinical Assn of Delaware; b. 1.11.1938, Atlanta, Ga., USA; ed.: Emora U., Atlanta (B.A.), J.Th.S. (M.H.L., 63; Rabbi 65), Columbia U. (Ph.D., 70); m.: Ritta Feld; ch.: Avram Baruch, Elissa Kathryl, Tuvia Jeremy; Rabbi, Cngn Beth Shalom, Wilmington, Del.; mbr, Human Relat. Comm. of State of Delaware; p. U.S. Army chpln; p. Natl Pres., Student Zion. Org. District; mbr: Chaplaincy Comm., Jew. Welf. Brd; Syng. Cl. C'tee on Jew. Girls Scouts; Brd. mbr, Jew. Family Serv of Delaware; Chpln, Wilmington Vets. Hosp; fndr of Sholom Aleichem Oil Field in Oklahoma; fndr & V. Pres., Jew. Hist. Scty of Delaware; dist. Army Commendation, 67; articles: "Elijah del Medigo, His Published & Manuscript Works" in Proceed. Am. Acad. f. Jew. Res., 75; "Delaware Jewry - the Formative Years 1872-1889", in Delaware History, 75. author: Jewish Delaware 1655-1976, History Sites, Communal Services, N.Y., 76; recip. News-Journal Award f. Disting. Citizenship in Delaware, 76; Found. of Shorashim, genealogic. serv.

Shazar Center, 4 Hoveve Zion, Jerusalem.

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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., Brd of Dirs, Wld Cl. of Synags - intl body f. strengthening of the Conservative Movt. world-wide & of Tenuah Hamesoratit in Isr., mbr. Rabbin. Assbly, Isr. c'tee; N.Y. Board 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; Disting. Serv. Award of Natl Fed. of Jew. Men's Clubs, 75.

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GEHL, Martin; Dipl. Eng.; Chmn, Brd of Directors, Dubek Limited, Tel-Aviv, 34-; b. 29.11.1904, Berlin; m. Florence Balcombe; ed.: Techn. U., Berlin; on staff of Reemtsma Cigarette Co., Germany, 28; in Greece, Turkey and Bulgaria on behalf of Dutch Tobacco Purchasing Co., 29-34.

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GEHL, Zerach; Gen Dir., Dubek Ltd., Tel-Aviv; b. 5.1.1946, Tel-Aviv; m. Edna Greifman; 2 s.: Roy, Amir; mbr: Exec. of Manufact. Assn of Isr., Isr Management Center, Standards Inst. of Isr., Assn f. Welfare of Soldiers in Isr., Free Masons.

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GEISLER, Febus; M.D., surgeon; F.A.C.A., F.I.S.S.: Head, Surg. Dpt., Donolo Hosp.; b. Lwow, Poland, 1913; to Israel, 1949; ed.: Prague, CSR (Diplome of Med.); St. Marys' Hosp., London; U. Hosp., Vienna; Cornell Med. Center, N.Y.; s. & d.; mbr, B'nai B'rith Loge, "M. Schorr"; p. pres., Rotary Club, T.A.

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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 Sta Cecilia, Rome; Accademia Chigiana, Siena; intl pri-

ze 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; 3 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 Israel Composers League Publ. (I.C.L.P.), Tel-Aviv; recip., Isr. Broadcast. Prize f. Composition, 73; works on commercial records issued by: Everest Recording, Los-Angeles; Ars Antiqua — Ars Nova record., USA.

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GELFAND, Michael; Prof. of Med.; Head, Dpt. of Med., U. of Rhodesia; edit. & co-found., Central African Journal of Med.; b. 26.12.1912, Wynberg Cape, S. Africa; ed.: Cape Town U., M.D., 48; London - D.P.H., 50, F.R.C.P., 52; C.B.E.; m. Esther Kollenberg; ch.: Joy, Isabelle Wapnick (Tel-Aviv), Anne; p. physician, Southern Rhodesia Govt. Med. Serv.; auth. of books on: Diseases of Africa; Culture and Religion of Shona Speaking Peoples of Rhodesia; Medical History of Rhodesia, Malawi, Zambia, S. Africa.

11 Lawson Ave., Salisbury, Rhodesia.

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); Chmn, region. c'tee, Union of Municip.

5, Agron St., K'far Saba; Tel. 052-33204.

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.

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GERBER, Leon; Dr.; Exec. C'tee & Natl Campaign Cabinet, UJA; mbr, Brd of Trust. & p. Chmn, UJA of Greater Washington; Brd of Trust., Israel Bond Org. & Jew. Community Fndn of Greater Washington; Assoc. Prof. of Surg., G. Washington U. Sch. of Med.; mbr, Amer. Coll. of Surg.; diplomate, Amer. Brd of Surg.; b. Russia; Honorée at Dinner JNF; B.B. Gold Medallion; State of Isr. Bonds, Wash.; many trips to Isr., 59-74.

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GERSHFELD, Yacov; Mng. Dir., Vigor Industry Invest. Ltd.; Chmn, Metal, Electric & Electronic Div., Manufacturers Assn. Israel; b. 26.5.1927, Israel; ed.: Business Administration; m.: Varda Rabin; s.: Ran; d.: Tamar; mbr of the Town Cl, Beer Sheva.

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GERSHON, David; Assoc. Prof. 73-; (Chmn. Dpt. of Biology), Technion; b. Rehovot 22.1.1933; educ.: Agric. High Sch. 46-51; B.Sc., U. Calif., 51; Ph.D., Cornell U., 61 (Genetics); m. Harriet Halperin; 2 ch.: Tamar, Israel; Res. Assoc. Weizmann Inst. 61-66; Sen. Lect. Technion 66-73.

Department of Biology, Technion, Haifa.

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.

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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.); Techn. Advis. on Energy Conservation to the Min. of Energy, 77-; Chmn, Brd of Dirs, Electra (Israel) Ltd., 76- (found. & Mng. Dir., 45-76) 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.

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GESZTES, Thomas; M.D.; Head, Dpt. of Anaesthesiology & Intensive Respiraratory Care Unit, Soroca Med. Cent. U. Hosp.; Snr Lectr, Fcty of Health Sci., Ben-Gurion U. of the Negev, Beer-Sheva; b. Komarno, 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.

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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 & 76; Purdue University, Lafayette, 76, membership: 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.

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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.

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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.

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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; books : Bar-Kochba & his time (Germ.); The Excavation of the Oasis of En Boqeq (Germ.) Battles of the Bible (w.H. Herzog); 69 articles in sci. periodicals; excavations: En boqeq, 67-70; Zafit, 72 Tamara, 73-75; Emmaus, H. Hazad, 77-; head of the Unit of Roman Frontier Studies, Dpt of Classics, Tel-Aviv U.; award: Sukenik Prize, archeological research, 59.

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GIDRON, Alexander; business executive; Mng. Dir., Crystal-Machine Manuf. Ltd.; b. 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.

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GIDRON, Moshe; Major General; Chief of "A" Branch, I.D.F., 74-76; Dir. Gen., Min.

of Commun. & Transports, 76-; p. Chmn, Brd of Dirs. & Mng. Dir., "Telrad" — Telecommunication & Electronic Industries, 73-; b. 1925, Tel-Aviv; m. Tamar Hoz; 2 s. (his younger son, Lt. Ilan fell in Yom Kippur War); 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..).
Tel-Aviv.

GIL, Moshe; Professor of History, 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 foundations & other Cairo Geniza Studies; on agrarian problems in Palestine under Roman rule; on the Jews in Medina; on Palestine & Jews in Palestine dur. the early Muslim period.
Tel-Aviv University, Depart. of Jewish History.

GILAT (Glizer), Aharon; Mech. Eng.; Industrial Adviser to the State Comptroller, 75-; past Director, The Standards Institution of Israel (S.I.I.), 68-75; born in 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.
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GILAT, Yitzhak Dov; Ph.D., Prof. Bar-Ilan U. & Tel-Aviv U., mbr. Plann. & Grants C'tee of the Cl. f. High. Ed., 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, Ministry of Education; articles on Humanities & Judaism; publ.: "The Teachings of R.Eliezer Ben Hurkanos & Their Position in the History of Halakha" 68 (awarded Kugel Prize, 69); Divis. Edit., Encycl. Judaica (J.U.P.).
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GILBERT, Marc K.; U. Pres., Jew. Fed. of Comm. Serv., Bergen County, N.J.; Natl Cabinet mbr, U.J.A.; V. Pres., YM/YWHA, Bergen County; Pres., Delta Furniture Distrib., Irvington N.J.; b. Lynchburg, Virginia, 2.8.1916; ed.: N.Y.U. Sch. of Liberal Arts; N.Y.U. Law Sch; m. Ann Shankman; 2 d.: Roni Schaeman, Tina Silverstein; mbr.: Am. Jew. C'tee; B'nai B'rith; num. Jew. communal org.; Temple Beth-El Hackensack, N.J.; Natl Jew. Wlfr Brd; Assoc. Chmn, Brd of Governors, U.J.A., Bergen County; Pres., U.J.A., Hackensack, N.J.; Campaign Chmn, U.J.A., Hackensack, N.J., 72-73-74; active in many branches of the furniture industry; aw.: Honorée 1975 Jew. Fed. of Comm. Services, Inc. PACESETTERS DINNER.
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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.
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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", "Thistles", „Dew" Kathros upsanterim", "Horizons in violet and blue", "Pastels", "Cedars". „From the Dead Sea Scrolls", '14 Epigrams for Oscar Wilde"; "Bedu", "The Beth Alpha mosaic", „The Lament of Kalonimos"; Prize Engel f. composition, 73.
12 Bart St., Ramat Aviv, Tel-Aviv.

GILBOA, Moshe; Dir. of Inform., W.Z.O., 74-75; Dir. Gen., Isr. Defence Fund, Min. of Def. 75-77; advis. to Min. of Transp. & Commun., 72-73; Amb. to Zambia, 73; civil 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.

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GILBOA, Yehoshua A.; Mbr., Edit. Brd., "Maariv" daily, 55-; res. assoc., Diaspora Res. Inst., Tel Aviv U., 69- (Snr Res. As.

77-); Visit. Prof., Dropsie U., Phila., 77-78; b. Pinsk, 13 May 1918; m. Dina Fuerstenberg, 1948; ch.: Shuvit, Avishai; to Israel, 1949; Editor Zmanim, daily, 1954-1955; published; "Burning Coals", 1954; „Jewish Culture in Soviet Union in Ruins", 1959; "Guardian Forever", 63; "Uhuru — Days & Nights in Africa", 65; "Hebrew Book Shelve", 65; "Confess!" publ. in USA; "The Black Years of Sowiet Jewry", 72; "Hebrew Octobrists", 74; Fight for Survival-Heb. Culture in the Soviet Union', 77; Edit. Brd., „Vremya I Mi", 75-; Edit. of "Shvut" - journ. on Jew. problems in URSS & East Europe, 71-; rec.; Israel Journalist Prizes, 64, 70; Prize for Judaic Studies, 72.

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Kibbutz Ein Harod Meuhad.

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Kibbutz Ramat Hakovesh.

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Magness Press, 75; commentaries in press & broadcasts on subjects of current affairs, intl rel. & mass communs; p. news-edit. and head of Tel-Aviv news bureau, Isr. Broadcasting Auth. in charge of spoken programs, Galei Zahal; recip.: Arlozorov Prize, 71.
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GOREN, Moshe; Major General (Res.); Chmn of Brd, Rogosin Enterpr. of Isr. Ltd., 76-; Dir., Gov. Invest. Center, 74-76; Mng. Dir., O.V.I. Universal Gas & Oil, 69-74; Pres., Hamashbir Industr. Ltd., 66-69; b. 19.3.1921, Grodno Poland; m. Naomi Neuman; 2 ch.; educ.: U.S.A., and France Staff of Defence, 64-66; Command. Gaza & North Sinai in the 6 Day War, 67; Assist. Chief of Logistics in Yom Kippur War, 73; Assist., Agranat C'tee investig. 74.
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Socialism in Our Times"; "Public Opinion & Press"; "Nationalism and Internationalism"; Social Problems"; Bareli Prize on Histadruth and Hevrat Ovdim; Solokow Prize, 1958.
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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.: 5 vols of lyrics in Polish — "Selection of New Hebrew Poetry", 47; "Songs of Israel", 48; "What remained us of those days...", 71; "Songs of Holocaust and Revolt", 75; "Crumbs of Youth", 76; 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.

GROSS, Yaacov; film director, artist, author, journalist; Admin. Dir., Abraham F. Rad Contemp. Jew. Film Archives, H.U. Jer.; b. 1949, Lodz, Poland; to Israel, 1950; ed.: Grad. Dpts of Art History & History of Theatre, H.U. Jer.; m. Talia Sharlin; d. Shelley; p. Film Dir.: Sch. f. the Blind, Jer.; inmates of Tel Mond Prison; youth groups in Jer.; p. Chmn, Students Cult. C'tee & Edit. of "Klipa" (students lit. paper); p. Film Critic, "Al Hamishmar" & "Chotam"; books: Songs of the Plain (Poems), In the Shade of the Red Currant Bush (short stories), King of the Hours (Novel); exhib. in Givatayim & partic. at group exhib. at The National Library, 73, 74, 75; recip.: The Tel Aviv Museum Oscar Gaz Aw., 66; Elik Shomroni Aw., 67; Two Cinema f. Youth Awards, 67.
68 D Tchernichovsky St., Jerusalem; Tel. 02-68279.

GROSSMAN, Allan; Can. Gvt. ofcl; Chmn, Criminal Injuries Compensation Board, 76-; Can. 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 & Treas. Board of Cabinet, 72-75; Provincial Secr. f. Resources Devel., 74-75; Member Policy & Priorities Board of Cabinet; resigned from Government, 75; p. Reg. & Natl Pres., Jew. Immigrant Aid Services; Board Dirs: St. Alban's Boys' Club; Hon. Dir., Jew. Vocational Serv., Baycrest Centre f. Geriatric Care; mbr.: B'nai B'rith (p. Presid. Toronto Lodge); Presid. Toronto Branch, Canad. Assoc. of the Ben-Gurion U. of the Negev; Trust of Can. Friends of Haifa U.; Member of Board: Un. Jew. Welfare Fund; Canad. Jew. Congress; ORT; Dir. Migraine Fndn.
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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; 3 s.: Benjamin, Ephraim, Amihai; 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; many public. & scient. papers; recip., Burgess Hon. Fllwship & Travell. Fllwship, Columbia U., 65-66.
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GROSSWALD, Emil; Prof. of Math., Temple U., Philadelphia, Pa.; b. Rumania, 15.12.1912; ed.: Master's in Math., Bucharest U., 33; El. Eng., Buch. Inst. Technol., 36; Dipl. El. Eng., Ecole Sup. d'Electr., Paris, 40; Ph.D. (Math.), Pennsyl. U., 50; m. Elizabeth Ronald; 2 d.: Blanche, Vivian; mbr. Isr. Acad. C'tee on Middle East; Amer. Acad. Assn f. Peace in the M.E.; Amer Prof. f. Peace in M.E.; Am. Jew. c'tee (Interrel. & Foreign affs); Am. & French Math. scties; Am. Civil Liberties Union, etc.; frequent visits to Israel w. occas. lectures (besides the Technion) at T.A., Beer-Sheva & Bar-Ilan U.; publ. some 60 papers in math. journals in Isr. & abroad; edit. collected works of H. Rademacher & (in collab. with J. Lehrer & M. Newman) a posth. book by Rademacher; Prof. Math., Penn. U., 52-68; Vis. Prof., Paris Sorbonne, 64-65, Technion Haifa, 72-73; taught also in Canada, Cuba, Puerto Rico; recip. Sigma Xi.
11, Narwyn Lane, Narberth, Pa. 19072, U.S.A.

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 the 8-th Wld WIZO Confer. in Palestine 35 (the 1st Jew Wld Org. who held his confer. in Erez-Israel); also 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.); now married Henri J. Rosner, 74; 2 ch.: Celie, David; past corresp.: New York 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 Erodus 1947, Israel 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; new book, "They Came to Stay", early 76; 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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GRUENGARD, Jehuda Isak; Ph.D.; mbr, Israel Assoc. of Actuaries & Swiss Ass'n. of Actuaries; Vice-Chairman 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.

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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; Sgan-Aluf (Res.) IDF — part. Yom Kippur War; part. 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 V. Pres. of J.C.I.; mbr, Presid. of Tel-Aviv Chamber of Commerce; Pres., Club of Isr.-Am. Chmbr of Comm.; p. head Isr. deleg. to intl conventions in Canada, Argentine, etc.; hon. "Man of the Year", 1967, by J.C.L., J.C.I.

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GRUNEBAUM, Erich O.; investmt banker; p. President, Congregation 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 Neuman; ch. : Ernest Michael, Eva Irene Koppel, David Francis; Dir. N.Y. H. Equities; Dir. & Chmn, Bord of Nyhaco Credit Corp. Ltd.

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GRUPEL, Zalman; Certified Public Accountant (Isr.); Senior partner, Kesselman & Kesselman, C.P.A.'s; p. Presid. & Member of the Executive, of the Institute of Certif. Public Account. in Israel; Senior lecturer at Bar-Ilan University; Member of Board of Directors of public Companies; Chairman of Finance Committee of Z.O.A. House, Tel-Aviv; published articles & booklets on profes. & other topics; married to Bella Cohen; daughter and son.

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GRUPPER, Pesach; farmer; M.K. (Halikud); mbr of Exec. & Pres., agricult. comm., Liberal Party; b. Tel-Aviv, 21.8. 1924; ed.: High School; m. Ruth Berger; ch.: Doron; David & Jonatan (twins); Pres., comm. of labour, Farmers Assn.; mbr: labour-comm., Coordin. Bureau of Econ. Org.; brd of dir., "Amir" comp.; brd dir., Viticult. Cl.; p. Head, Atlit municipality.

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GUERON, Marc; business executive; Gen. Mng., Dun & Bradstreet Ltd.; b. Istanbul, 1947; ed.: Robert Acad., Istanbul, 65; B.A., Econ., H.U., 70; M.B.A., Columbia U., Bus. Sch., 72; m. Nava Goldstein; 2ch.: Dan, Sari; mbr. var. ntl & intnl profess. & bus. assoc.; w. Uris Buildings Corp. New-York, 72-73; Eastoil Realty Inc., N.Y., 73-74; Ron-Dar Ltd., Gen. Mng., 74-77.

Dun & Bradstreet Ltd.,
105, Hahashmonaim St., Tel-Aviv.

GUERON (Grynbaum), Meir; Mng. Dir. S.R. Williams Co. Zuerich (Switzerland); p. Mng. Dir., 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.; Mng. Dir., ZIM; Exec. Chmn of Brd, Petroleum Services Ltd.

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GUGGENHEIM, Willy; journalist, author; secr. gen., Schweizerischer Israelitischer Gemeindebund (Un. of Swiss J. Communities) ;born 12 December, 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: "Jerusalem", 68; "Meine Sterne — deine Sterne", 70; "30mal Israel", 73, 75.

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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.

Office: 595, Madison Avenue, New York, USA.

GUILON, Yaacov; Assist. General Manager, Migdal Binyan Insurance Co. Ltd.; b. 15.10.1917, Bialystok; to Israel, 1936; ed.: B.Sc. (Econ.), Heb. U. Jer.; C.L.U. American College of Life Underwriters; m. Esther Harcavi; 2 d.: Ronit, Dafna; publ. on Life Insurance topics.

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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 delegs; Trust, Shaar Hashomayim Synag., Westmount; mbr, Montefiore Club, Montreal.

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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, 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; mosaics: Shalom Tower, Gymn. Herzlia, Harabanut Harashit Tel-Aviv; Ph. D. degree, Tel-Aviv U., 74; "Yekir Tel-Aviv", etc.; recip. Israel Prize 78.

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GUTTERMAN, Menahem; D.Sc., (math); Gen. Mng., Clal Systems (69) Ltd., 74-; b. 19.7.1939; ed.: Technion Haifa, Fcty of Math. — B.Sc., 61; M.Sc., 62; D.Sc., 66; m. Bella Zaiden; 3 d.: Yael, Tamar, Sharon; Snr Lctr, Graduate School of Bus. Admin., Tel-Aviv University, 72-76; Computer center, IDF, 62-68; Lctr, Faculty of Indus. & Managt. Engineering, in charge of the Technions' Computer Center, 68-70; Gen. Mng., Contahal Ltd., 70-74; mbr: Inst. of Mngment Sci, TIMS; 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; Frgn Hon. mbr, Amer. Acad. of Arts & Sci.; Isr. Acad. of Sci. & Hum.; b. 10.2.1916, N.Y.; to Isr., 1947; ed.: University of Minnesota, Minneapolis - B.A., 36; M.A., 39; Ph.D., 42; married: Ruth Halpern, 1943; children: Adi, Nuri, Daphne; Istructor, to Associate Professor of Soc., Cornell Univ., 41-50; Expert Consultant 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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GUTTMANN, Ludwig Sir; Prof. Neuro-Surgeon, Spinal Specialist; b. Upper Silezia, 3.7.1899; ed.: M.D., Freiburg, 24; Assist., Neurol. & Neuro-surgic. Dept., Breslau & Hamburg, 24-29; reader in neurol., U. Breslau, 30; emigrat. to England, 39; var. import. appointments in the field of his special.; founder of the annual Stoke Mandeville Games for Paralysed, 48; consult. in rehabil. Wrld Veterans Fed., 52; found. Pres., British Sports Assn f. Disabled, 60; Prof. Ordin Emer. Cologne U., 64; since 48, paid offic. visits to many countries, to lctr & advise in treatm. and rehabil. of paraplegia; widower; 2 d.: Dennis, Eva; 180 publ. of Medic. & Surgery; edit., Intl Journal of Paraplegia, 61-; recip. var. awards & prizes in England, Germany, USA and other countries.

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GUTTMAN, Nahum (Nathan); B.S., M.A.; Editor & Dir. of Public Relations, Natl C'tee f. Labor Israel, 40-; b. Gutten-

berg, 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; Current. Exec. Dir., Am. Histadrut Cult Exchange Inst., mbr. Natl Exec. C'tee, Labor Zion. Alliance; p. 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 & Hebrew books & articles into English; contributor, Universal Jewish Encyclopaedia; author of "Herzl, Hess and Histadrut"; editor, Histadruth Foto News, 48-; award: Bronze Star, US Army; serv. overseas (Europe) during World War 2.

585 West End Avenue New York, N.Y. 10024, USA.

GUZIK, Leo; lawyer; b. 13.7.1904, New York; ed.: N.Y. University; 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 51-72; counsel to Tenzer, Greenblatt, Fallow & Kaplan 72-; mbr Brd. Dir., Confer. on Jew. Studies; U. S. legal counsel Isr. corp. and orgs; mbr, natl exec. com., 44-46; mbr, admin. com. ZOA, 36-44; brd. drs., J.N.F. Am., 41-46; Palest. Found. Fund, 42-46; mbr, brd. govs, H.U. Jer., Dir. & Vice Presid., American Friends H.U. Jer.; treasurer, International Association of 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: Oriental, N.Y.C.

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GVATI, Chaim; farmer; p. Min. of Agric. & Min. of Devel.; p. Secr., Hateuna 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.

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HABER, Samuel L.; Exec. Vice-Chairman, J.D.C., 67-76; jointed 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.

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HABER, William; Prof. of Econ.; Advis. to Exec. Officers, U. of Michigan; Life Mbr: Exec. C'tee of A.J.C. & Natl Cl. of Am. J.D.C.; Hon. Chmn, Hillel Comm. of Hillel Fndn; Pres., Cent Brd of Wld ORT Un., 57-; Chmn: B'nai B'rith Retirement Fund, 75-; Acad. Affs Advis. Cl. of H.U. Jer. (mbr, Brd of Gvnrs, 66-); mbr of Fellows & Trust., Brandeis U., 65-; b. Rumania; ed.: U. of Wisconsin — B.A., M.A., Ph.D.; grad. work University of Wisc. & Harvard U.; Exec. Dir., Natl Refugee Serv., USA, 39-41; Chmn, Natl B'nai B'rith Hillel Comm., 50-60; Advis. C'tee on High. Educ. Jew. Agcy; mbr, Natl Acad. of Arbitrators; cnslt to lab. mngmnt & govt. depts in Michigan & other areas; co-auth.: The Michigan Economy: Its Potential and Problems, 59; Michigan in the 1970's: An Economic Forecast, 70; publ.: The Impact of Technological Change: The American Experience, 63; Labor in a Changing America; Unemployment Insurance in the American Economy (w. Merrill G. Murray); Hon. Degrees: Dr. of Hum. Lett. — H.U.C., 50; Michigan State U., 65; Ph.D., H.U. Jer., 70; Dr. of Laws, Brandeis U., 75.

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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"; "Shaare Sefarim Iwrim"; "Tawe-Sefer Jehudiim" (Ex-Libris); "Hamadpis Daniel Bombergi ureshimat Sifre Beth Defusso"; 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.

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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.

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HACKMEY, David Joseph; Advocate; Chairman of 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.

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HACOHEN, Abraham; coord. reconstr. of Safed Old City; Mayor of Safed, 55-65; now mbr, Safed Municip. Cl.; spec. Israel Emissary in West Canada, 66-68; b. 20.10. 1911, Transylvania; to Israel, 1933; educ.: HS, Frankfurt; H.U. Jerusalem; 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.

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HACOHEN, David; p. M.K., 49-69; p. Chmn, Knesset Foreign & Defence C'tee; Chairman Board of Director Atlantic Fisheries & Shipping Co. Ltd., Haifa, 77-; b. Homel (Russia), Oct. 1898; m. 1st, 1930 late R. Kravtzov; 2 d., 1 s.; 2nd, 1946, B. Habas (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; M.K. (Labour Pty), 73- (mbr of Ed. & Interior c'tees; Head, Relig. Workers faction in Histadrut, 67-; Head; 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).

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HADAR, Arnon; writer; spokesman, Settlement Department of Jewish Agency; b. 1944, Kibbutz Massada, Jordan Valley; ed.: Tel-Aviv U. (1 year) & New Sch. f. Soc. Res., N.Y. (1 year); divorced; 1s., Yariv; p. chief edit., "Tamus" publ. house; p. advertis. mng., "Amcor"; p. newsman, "This Day"; publ. 6 books (describ. Isr. way of life in the last 10 years): "Embarcation", "Two", "A lonley Wolf in a hostile court", "Ring of silence", "Five sweet days in May", "Ad capot raglaiym, ubehazara".

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HADAR, Ehud: p. Port Director, Eilat Port; b. Israel, 27.1.1937; married: Shoshana; active in Israel Ports Authority.

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HADARI, Yitzhak; advocate LL.B.; Snr Lctr of Tax Law & Intl Bus., Tel-Aviv U. Law Fcty & Bus. Sch.; b. 18.10.1944, Israel; ed.: H.U.Jer., grad. of law & econ., summa cum laude, 66; U. of Mich. Law Sch., LL.M. & Dr. of Sci. of Law, 71; married; 1 ch.; practise law in USA & Isr.; mbr, Isr. Bar Assn, 70-; p. Assist. to Min. of Justice & in charge of draft. Isr. Tax Reform, 75; publ. legal & tax articles in Isr. & USA.

11 Hamarganit St., Ramat Poleg, Nathanya.

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.

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 Devel. Lab., Technion, 63-67; Dir., Technion Res. & Devel. Fndn, 67-70; V. Pres. (Res.), Technion, 70-72; Visit. Sci., TVA Natl Fertilizer Devel. Center, USA, 74-75; about 100 articles on soil chemistry, fertilizer evaluation, soil fertility.

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HALBRECHT, G. Isac; M.D.; Prof., Obst. & Gynec.; Dir., B. Gattegno Res. Inst. of Human Reprod. & Fetal devel., Tel-Aviv U. Med. Sch. & Hasharon Hosp.; b. Radautz, Bucovina, Rumania, 11.6.1906; to Israel, 1934; ed.: Med. Sch. U. Strassbourg, France; m. Lea Migdali; 3 s.: Edo, Daniel. Zvi; mbr Presid. of Min. of Health Advis. Brd.; p. chief dept. Obst. & Gynec. Hasharon Hosp., Petach-Tikva; chmn, Kupat Holim Med. Advis. brd, 48-68; consul. in Human reprod., World Health Org.; Pres. VI. Wld Congress of Steril. & fertil., 1968; V. Pres., Intl Fertil. Assn; Found. & Pres., Isr. Famil. Planning Assn and Fertil. Assn; Hon. mbr, French & German Gynec. Scty as well as of Brazilian & Peruvian Scty f. Study of Sterility; publ.: Research on Human Steril. Reprod., Hematol. Neonatol., Genetics & Immunol. of Gestation and Cancer; mbr edit. brd of numer. sci. journ.; recip: Meyer Award, Kupat Holim, 56; Siegler Aw., Am. Fertil. Assn, 68.

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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), 69-74; Indep. M.K., 74-77; M.K. (Dash), 77-.

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HALEVI, Haim David; Chief Rabbi of Tel-Aviv-Jaffo, 73-; mbr, Israel Chief Rabbinate Council; b. in Jerusalem; m. Miriam Vakanin; ch.: Raphael, Nitzhia, Ronit, Gilath; p. Rabbi in Rishon Le-Zion; past 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, 71'; other 2 vols. of "Mekor Haim"; also "Kitzur Shulchan Aruch - Mekor Haim" (3 edit.); "Asse lecha Rav", 75, 77; "Mekor-Haim Livnot Israel", 76.

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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; IDF, 48-50; instructor, 58-60; Res. flw, Orn. 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, 74-75, 76; over 150 pub. in his field; Sci. Advisor to Min. of Educ. & Culture, on new curriculum in Agric. & Biol. Sci., 66-.

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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.I.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, Art Inst.; guarantor, Ravinia Park Festival Lyric Opera Co.

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HALPERIN, Noah; journalist, writer; Dir., Noah-Chen, Public Relations, Tel-Aviv, 77-; p. Dir., "Manor" P.R. office; 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.

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HALPERN, Haim Vivian; Ph.D., Assoc. Prof., 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); 4 ch.

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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 & Reuben; p. sec. "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.

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HAMMER, Gottlieb; Financial Consultant, priv. practice; mbr, Brd of Dirs, Un. Isr. App. (Exec. V. Chmn, -74); Trust., Am.-Isr. Cult. Fndn Fund; mbr, Brd of Govnrs, Weizmann Inst., Rehovot; V. Pres., Am. C'tee f. Weizmann Inst. of Sci.

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HANANI (Chojnacki), Haim; Ph.D.; Prof. (Math.), Technion· Rector, Negev U., 69-73; Pres., In. Process. 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; Visit. Prof., U. of Calgary, 73-74; p. (64-67) adv. 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.

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HANANI, Josef; author; supervisor of schools; b. Vilna, Russia, 6.12.1909; to Israel, 1925; educ.: Heb. Teach. Coll., Jer. accompl., London U.; m. Hassia Levanon-Weissfish; 2 ch.: Menachem, Uri; mbr, Cl. Writers Assn; edit., Lit. Annual "Katif"; lctr on lit. & educ.; Lit. Judge on Prizes C'tee; author of numerous Heb. books; Aw. Lamdan Prize f. Youth & Child. Lit.

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HANDELMAN, Maurice; Real Estate Owner and Corporation Executive; Campaign Chmn, State of Israel Bonds — New Orleans area; mbr.: UJA Natl Campaign; Israel Bonds; New-Orleans Jew. Welfare Fed. 1976 Camp. Chmn; deleg., Assembly of JA; Brd Dir., New Orleans Jew Wlfr Fed.; Pres.: Roth Stores, Inc., Hanreco Inc., St. Charles Inc.; partner, Handelman's Chain Stores; b. New Orleans, Louisiana, 26.10.1921; ed.: grad. Tulane U., BBA, 42; m. Harriet Hyman; 3 ch.: d. Elaine (m. to Yoram Polack, an Israeli living in Israel); s. Henry; d. Ann; p. Pres., Congreg. Beth Israel, New Orleans; recip.: State of Israel Bonds-Prime Minister's Award, 75; visit. Isr., 70.

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HANDLER, Miriam A.; mbr, Natl Brd & Hon. Cl. of Hadassah; Natl Chmn of Hadassah Performing Artists Bureau (p. Natl Chmn, Hadassah's Heb. Studies, Hadassah's Insurance Plan, Admin. Budgets, Wills & Bequests, Purchasing & Shipping Dpts); b. Stamford, Conn.; grad. T.A. Teach. Coll.; B.S. cum laude, New York U.; m. Milton Handler, Att., Prof.; dir. personnel, U.S. industr. plant, 30; mbr, U.S. War Manpower Comm. Training-Within Ind. Progr.; mbr. Natl Brd Supplies f. SOS Drive of JDC; U.S. Advis. C'tee on Voluntary Foreign Aid Agcs f. Intl Developm.; V. Pres., Am.-Isr. Cult. Fndn & Chmn of its Program C'tee & Wmn's Div.; mbr: Manhattan Brd, Fed. of Jew. Philantropies; Brd of Govnrs Jewish Museum, N.Y.; Brd of Cent. Bureau f. Jew. Aged.; chmn, Brd. of Neot Kedumim (Gardens of Israel); arranged medic. supplies to Israel in War of Liberation; teach. Heb. in USA; edit. "Pilgrimage Hebrew"; wrote in Hadassah Magazine; Heb. column f. magazine Tarbut; vis. Israel frequently; aw. recognition f. work on behalf of Isr. by State of Isr. Bonds & by Olam Hadash f. promoting Heb. culture in USA; "Woman of the Year", Am.- Isr. Cult. Fndn., 76.

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HANDLIN, Oscar; Pforzheimer U. Prof., Harvard U.; Vice-Pres., Am. Jew. Historic Scty; b. 29.9.1915, New-York City; educ.: Brooklyn Coll., B.A., 34; Harvard U. — M.A., 35; Ph.D., 40; m. Lilian Bombach;2 d.: Joanna Flug, Ruth Blume; s. David Paltiel; p. Harmsworth Prof., Oxford U.; mbr. Colonial Scty of Mass.; Am. Hist. Assn; Mass. Hist. Scty; Am. Acad. of Arts & Sci.; publ.: Boston's Immigrants, 41; This Was America, 49; The Uprooted, 51; Adventure in Freedom, 54; Harvard Guide to Am. History, 54; Am. People in Twentieth Century, 54; Chance or Destiny, 55; Race and Nationality in American Life, 57; Readings

in American History, 57; Al Smith and His America, 58; Immigration in American History, 59; John Dewey's Challenge to Am. Educ., 59; The Newcomers, 59; etc.; recip.: hon. deg. - HUC, Boston Coll., Brklyn Coll., Seton Hall U., Colby Coll., N. Michigan U.; Pulitzer Prize in History; Christopher Award; Guggenheim Fllw.
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HAR, Israel H.; poet; editor, "Sifriyat Tarmil"; b. Helem, 1932; to Israel, 1932; m. Osnath Yarmitzky; d. Batya-Leah; publ. coll. of poems, books f. children; edit. of cult. weekly emiss. at Isr. Broadcast. Auth.; in prepar.: 2 anthologies of poetry.
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HARARI, Israel A.; foreign trade repres, Managing Dir., Lewison Co. Ltd., & foreign investment companies; b. Riga. Oct. 26, 1913; to Israel, 1933; promoter of trade and economical reciprocity between Finland and Israel; decorated by the Finnish President with the insignia of officer of the Order of the Finish Lion, 62; app. Hon. Consul of Finland in Israel, 70-.
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HAREL, Aharon; econ.; mbr, C.C., Histadrut Exec., 70-; b. Poland, 1932; to Israel, 1935; ed.: B.A. (Econ. & Statistics); Mgr. degree studies, Industry & Management, Technion; m. Nirah Rothstein, 2 sons; 2 daughters; mbr: C.C., Haavodah Pty; Mbr Exec. C'tee, Givatayim Municip.; p. mbr, Kibbutz Netiv Halamed Hey; p. chmn, Reg. Cl. Ha'ala; p. Dir., Merkas Haasbarah, Jer., p. head, Trade Union Dpt., Mapai & Haavodah; p. w. Secretariat, Rafi; mbr. B'nai B'rith.
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HAREL (Steinberg), Arieh; M.D.; Clin. Assoc. Prof., Head Dpt. of Preventive & Soc. Med., Tel-Aviv U. Med. Sch., Chmn, Assn of Hosp. Dirs. in Isr., 77-; Dir., Municipal & Govt Hospitals, T.A.; b. Kiev, 18.10.1911; m; 2 s.; 1 d.; educ.: Berlin U.; to Israel, 1937; Captain (med.), British Army, 41-46; Lieut. Col., IDF Medical Corps, 48-56; N.Y. Hosp. & Cornell U., 51-53; Red Cross Conference, Stockholm, 48; Toronto, 52; Vienna, 65; Head, Endcorin. Dpt., Tel-Hashomer Hosp., 53-57; Minister to Rumania, 59; Ambass to Moscow, 59-62; Officer, Ord. of Merit, Madagascar, 67; wrote on labor & medical topics; since 70- Head of Endocrinology, Fcty f. Cont. Studies, Univ. of T.A.
7, Mishmeret St., Afeka; Tel-Aviv.

HAREL, Ramon; economist; Dir. Gen., Israel Airports Author., Jer., 78-; b. Israel, 14.7.1929; ed.: B.A., econ. & stat., M.A., econ. & bus. admin., H.U.; Ph.D., Harvard U., USA; married; 3 ch.; mbr Kibbutz (10 y.); special. monetary probl. & communic.;

p.: Gen. Mng., Min. Communication; Dep. Gen. Mng, Discount Bank.
Israel Airports Authority, 14 Beit Hakerem St., Jerusalem; tel. 533590-2, 533580-2.

HARELL, Assa; M.D.; Assoc. Dir., Hadassah Med. Org., Jerusalem; Chairman, Board of Directors: "Elisha" Hospital, Haifa; "Ishpuz" Insurance Co., Tel-Aviv—Haifa; mbr, Board of Dirs, "Elrom" Investment Co., Haifa; b. 26.7.1938; Grad. Medical Sch., Jerusalem, 63; married, Judith Harrari; 2 s.: Ronen, Sagie; publ. on Public Health in Israel. newspapers.
17 Etzel St., French Hill, Jerusalem.

HAREUVENI, Nogah; M.Sc.; Biblical & Talmudic Botanist; Dir. Gen., Neot Kedumim; b. Jerus., 22.1.1924; educ.: Jerus. Hebrew Gymn., Hebrew U. (Natural & Judaistic Sc.); m. Drora Mirkin; d. Alumim; s. Mayan: assisted his parents, Dr. Ephraim & Hanna Hareuveni, at the Biblical & Talmudic Flora Museum Hebrew U.; with Haganah & Palmach, promoting new training patterns: "Field Craft & Survival", 42-48; further development thereof, with IDF, 48-59; founded Field Education Center, Beth Hankin, K'far Yehoshua; founded "Neot Kedumim" Co., 64 & "Neot Kedumim Project" (on 1500 dunam, Modiin) as a Nat'l Biblical & Talmudical Park; founded "Neot Kedumim Ltd. Inc.", N.Y., 71; publ.: "New Light on the Book of Jeremiah"; "In the Intimacy of Tree and Flower"; "Field Education"; articles on the a/m topics in loc. & frgn press; film-strips & guides (w. Y. Reshef & H. Frenkley).
6, Havatzelet St., Kiryat Ono. Tel. 753718.

HAR-EVEN, Judith; painter; b. in Haifa; ed.: grad. Reali Sch., Haifa; grad. St. Martin Sch. of Art. London, 49-52; Art Student's League, N.Y., 58-60; lectures on art; 1 s.: Reuben; part. at group shows & gen. exhibits; many one-man shows, 57-: Jer. Artist's House, 61, 69, 71; New-York, 59, 60; Mus. Ein Harod, 71; Yad Lebanim, Petach-Tikva, 64; Beit Leivik, T.A., 72; Old Jaffa Gall., 76; etc.; res. & study tours in Spain, Italy, Netherlands, North Europe, USSR; a year's stay at Cite Internationale des Arts, Paris (grant. by Isr. Min. of Cult.), 78; her works in priv. collect. & Mus. in Isr., Europe, USA, Australia; work in var. media (the main subject: Jer. w. its many faces); mbr, Isr. Artists Assn, 60-.
98 Ussishkin St., Tel-Aviv; tel. 446422.

HARKABI, Yehoshafat; Professor, Intl Relations & Middle East, H.U. Jer.; b. Haifa, 1921; ed.: H.U.; Harvard U.; m.; 1 d.; 1 s.; known expert, lecturer & writer on problems of strategy & Arab-Israel relations.
6 Bar Kokhva St., Jerusalem; tel. 02-817939.

HARKAVY, Zvi (Hirsh Gershon); Rabbi; M.A.; Th.D.; researcher (Heb. literature, Jewish hist. & bibliography); Dir., Central Rabbinical Library of Israel (Heikhal Shlomo), 53-73; b. Ekaterinoslav (Russia), 1.2.1908; m. Dina Katz; 1 s.; educ.: Instit. f. booklore in USSR; Tchrs Seminary, Jer.; H. U., Technion & Yeshivat Petach-Tikva; Chaplain, Israel Army, during War of Liberation; leader, Hapoel Hamizrachi; missions abroad on behalf of Hapoel Hamizracni & the Zionist Organization; p. mng., Bank Hapoel Hamizrahi, Jerus.; participated, Zion. & Intl congresses; publ.: over 100 books & 1400 articles in Heb. & other languages; of the edit. of Encycl. "Klalit", etc.; found. & Head of Relig. Writers Assn (35-) & Relig. Acad. League; last publ.: "Sefer Ekaterinoslav-Dnepropetrowsk".
7. Haran St., Jerusalem; tel. 32963.

HAR-LEV, Raphael; Senior Vice President, El-Al Isr. Airlines Ltd.; b. 1933, Tel-Aviv; ed.: G. Washington U., B.A. in Bus. Admin.; 69-70; married; 1 d. & 2 s.; Pilot's Course, Isr. Air Force, 52-54; fighter pilot & squadron command., -66; Operations Off., I.A.F., 66-69; Dep. Command., I.A.F., 75-77.
El-Al Israel Airlines, Lod.

HARMAN, Avraham; President, Hebrew U., 68-; p. Ambas. Extraord. to the United States; b. London, 1914; m. Zena, M.K., 69-; 3 ch.; educ.: Oxford U (Jurisprudence); to Israel, 1938; Head, English, Section, Youth Dpt., Jewish Agency, -48; Consul General to Canada, 49; Dir, Israel Office of Information, Washington, 49-53; Counsellor, Israel Delegation to the U.N.; Consul General, New-York, 53-55; Assist. Dir. Gen., MFA, 55-56; mbr, Exec. C'tee, Jewish Agency, 56-59; Washington Embassy, 59-68.
Jerusalem, Hebrew University.

HARMAN, Zena; M.K., 69-; p. Chmn, C'tee f. Population Planning, P.M.'s Office, Jerus.; p. Chmn, UNICEF; p. dir., Div. Int'l Organizations, MFA; m.: Avraham Harman; 3 ch.: educ.: London School of Economics, Alternate Israeli Delegate, General Assembly UN; representative, Social and Humanitarian Committee; Dep Dir, Technical Assistance Dpt., Prime Minister's Office; relinquished public service in 1959 to accompany husband to Washington; delivered Nobel Peace Prize lecture, awarded UNICEF, 1965.
50 Shemaryahu Levin St., Jerusalem; tel. 32400.

HAR-PAZ, Hayim; Dr. (economist); Dir., Center f. econ. & soc. res., T.A. Municip.; b. Rumania, 8.3.1926; to Israel, 1948; ed.: B.Sc., T.A.U.; M.Sc., H.U.; Dr. en Droit, Lyon U., France; m. Sarah Pancer; 3 s.: Israel, Yeshayahu, Yuval; secr. Gen., Isr. Gerontol. Scty; Pres., Home f. the Aged; mbr.: Intl Assn f. res. in Income & Wealth; Intl Assn f. Reg. & Urban Statist.; Isr. Assn of Soc. & Econ. Sci. (Pres., 62-63); Natl C'tee on Statist.; editor "Yedion", quart. of the Isr. Gerontol. Scty; co-author: "Young Adults on Welfare", 77; "Studies, employment and leisure activ. among youth", 76; edit. The Aged Inhabitants of T.A. Yaffo, 74; "Trends in the distrib. of Natl Income in a develop. country", res. f. the U.N., 72; p.: mbr, secr. brd "Gordonia"

in Rum., 43-46; soc. affairs officer, U.N. Secr., N.Y., 70-72; progr. specialist in econ. plann., Ford Found., Middle East & Africa Progr., 64-66; recip.: prize, Natl Workers Assn, H.U. Jer., 59.

Israel Gerontrological Society,
P.O.B. 11243, Tel Aviv-Yaffo.

HARPAZ, Isaac Dr.; entomologist; Prof., 71-; Dean, Fcty of Agric. & Chmn, Dpt. of Entomology, H.U., Fcty of Agr., Rehovoth; b. Tel Aviv, 5.12.1924; educ.: Hebrew U. — M.Sc., 47; Ph.D., 53; m. Yocheved Levy, 1953; 1 s., Sheenan; IDF, 48-49; Virus Research, Molteno I. of Parasitology, Cambridge U., 55-56; snr lctr, Hebrew U., 60; Assoc. Dean, Fcty of Agric., HU, 63-64; app. Assoc. Prof., 66; mbr of the Intl Exp. Panel of FAO on integrated pest control, Visit. Prof. of Entomol., U. of Calif., 69-70; publ. over 100 papers in spec. period.; text book: "Plant Pests of Israel" (jointly w. Z. Avidov), 549 pp., Isr. Univ. Press, 69 and "Maize Rough Dwarf Virus", 251 pp. ib. 72.

13, Shimoni St., Rehovoth.

HARRAN, Don; musicolog; Assoc. Prof., Dpt. of Musicol. (Inst. of Fine Arts); H.U. Jer.; secr., Isr. Musicol. Scty, 71-73; corr. reporter on Isr., Current Musicology edited by Columbia U., edit. brd, Isr. Music Inst., Tel-Aviv, 64-68, 72-; b. 22.4.1936, Cambridge, Mass., USA; to Israel, 1963; ed.: Yale U. (undergr. studies; major: French lit.), B.A. (magna cum laude), 57; U. of Calif. Berkeley, M.A., 59; Ph.D. (musicol.), 63; married Aya Arnon granddaughter of Sh. L. Gordon; 2 children Anat. Roy; lctr, Rubin Acad. of Music, Jer., 63-66; advis. & lctr on Am. music, Cultural Sctn of Am. Embassy in Isr., 67-70; mbr: Am. Musicol. Scty; Isr. Musicol. Scty: Intl Musicol. Scty; Phi Beta Kappa Scty; Renaissance Scty of Am.; books, editions & articles on musicol.; papers at intl congss in musicol.: Bonn, N.Y., Copenhagen, Florence, Berkeley; recip Tovey Mem. Prize Oxford U., 77; res. grants from: Rothschild Fndn, H.U., 64-65; H.U. Jer., 70-75; Am. Cl. of Learned Scty Fllwship, 74-75; Am. Philos. Scty 75; awarded chair of Emanuel Alexander H.U.; Chmn, Dpt. Musicol. H.U. Jer., 77-.

24 Ha'Rechesh St., Savyon.

HARRIS, Lucien; M.A.; Dir., Hadassah Information Services, Jerusalem; writer, lecturer, simultaneous interpreter; b. Belgium, 26. 9.1912; m. Marie Polinsky; 2 s.; 1 d.; educ.: Oxford U.; Information Officer, Jew Agcy, London, 1941 & 46-48; Fl/Lieut., R.A.F.; to Israel, 48; Resettlement Officer. Min. of La bour, 48; asst. to Controller of Manpower, Min. of Labour, 49; Parliamentary asst., Min. of Trade & Industry, 50; dep. dir., Personnel Dpt., Civil Service, Prime Minister's Office, 51; p. mbr., Exec. Council, Zionist Federation, Great Britain, & chairman, British Patwa; co-founder, Hitachdut Olei Britania; Pres., Jerus. Rotary, 68-69; Govnr, Rotary Intl Dist. 199 (Isr.), 75-76.

20, Harav Haim Berlin St., Jerusalem.

HARTSTEIN, Sam; Public Relations Dir., Yeshiva U., 43-; b. N.Y.C., 6.8.1921; ed.: Yeshiva U., teacher's diplomat, 41; B.A., 43; grad stud., New School f. Soc.Res. m. Rachel Zimmerman, 1963; ch.: Gila, Jonathan; p. pres., Metropolitan Coll. P.R. Cl., mbr: CASE P.R. C'tee, Cl. of Higher Ed. Institutions,N.Y.C.: Am. Coll. P.R.Assn; Assn f. Higher Ed.; Natl Ed. Assn; Natl Sch. P.R. Assn; COSIDA; Ed. Writers Ass; Am. Jew. P.R. Scty; Radio-TV-Film Commission, Synagogue Cl. of America; Health & Wlf P.R. Assn; Justice Lodge, F. & A.M.; Am. Assn of U. Admin.; Profession. f. Commty Serv. Ctr f. Policy Res.; Brd of Ed., Yeshiva Rabbi Moses Soloveichik; Cnslt on P.R., Brd of Jew. Ed., N.Y. C.; P.R. Chmn, Jew. Commty Fed. of Washington Heights-Inwood, N.Y.C.; Brd of Dirs, YM & YWHA of Washington Heights & Inwood; Un. HIAS Serv. Inc.; Mt. Sinai Jewish Center; honors: ACPRA - Certif. of Merit, 59; Citation of Honor, 60; Citation for Distinguished Achievement in P.R., 62; Seasoned Sage, 70.

Home: 66 Overlook Terrace, New York, N.Y. 10040; Office: 500 West 185th St., New York, N.Y. 10033.

HASHIN, Zvi; Prof., Chmn (73-77 Dpt. of Solid Mechanics, Materials & Struct., Sch. of Engng., Tel-Aviv U.; Prof. Technion, Haifa, 71-73; born 24.6.1929; to Israel, 1936; educ.: "Hugim" School, Haifa, 47; Technion — B.Sc., 53; Dipl. Eng. (Civ. Eng.), 54; M.Sc. (Appl. Mech.), 55; U. of Paris (Sorbonne), Docteur ès Sciences, 57; m. Tamar Milner; ch.: Orna, Leor, Eran Jacob; w. Technion: lctr, 57-58; snr lctr, 58-59; Harvard U., res. fllw, 59-60; U. of Pennsylvania, Assoc. Prof., 60-65; Prof., 65-71; Visit. Prof. 77-78; Pres., Isr. Scty Theor. & Appl. Mechs., 77-; mbr, Gen. Assbly Intl Un. Theor & Appl Mechs., 77-; fields of interest: Mech. of Solids, Composite Mater, Heterogeneous Media, Statistical Continuum Mech. publ. numerous articles & res. achievements in these areas; aw. Landau prize, 72.

Tel-Aviv University, Ramat Aviv.

HASSAN, Alexander; Civ. Eng.; Real Estate Developer (self); Hon. V. Pres., Z.O.A.; b. 8.7.1904; Nova Scotia, Canada; ed.: grad. Rensselaer Polytechn. Inst. Troy, N.Y., 27; m. Sylvia Schwartzman; d. Lois Raphling; mbr: Natl Brd Am. Technion Scty; Exec. Brd, UJA; Heb. Acad.; Brd: Heb. U. Jer., Weizmann Inst; Treas: Jew. Comty Cl., Adas Isr. Congn.; Zion. Org. Brandeis Dist.; mbr: B'nai Brith, AJC; Hon. Mbr, Zeta Beta Tau Frat.; mbr UJA mission to Isr.; recip.: Albert Fox Demers Medal f. outstanding serv. to Rensselaer, 62; Shem Tov Aw. from Adas Isr. Congrn., 73; Isr. Bonds

Ben Gurion Aw., 75; Natl Aw. f. Comty Serv., etc.; many trips to Israel.
2510 Virginia Ave, Washington D.C. 20037, USA.

HASSOUN, Mordechay Pinhas; banker; retired, but still connected with B.L.L.; p. Adviser, Foreign Business, with personal status of Joint General Manager, Bank Leumi Le-Israel B.M.; b. Hebron 1894; m. Suzanne Aboutboul; 1 s. Dan.; 2 d.: Lea Jedidia, Miriam-Salomy; att. religious & secondary schools; With Bank Leumi and former Anglo-Palestine Bank, since 1910; active, branches in Hebron, Beirut, Jaffa, Tel-Aviv; on missions abroad for Israel Treasury and Bank Leumi; Mng. Securities Clearing House, Tel-Aviv; member, Board of Directors, General Mortgage Bank Ltd., and Tel-Aviv Stock Exchange; Isras Rasco Ltd.; C'tee of Commercial & Indust. Club, Tel-Aviv; Hon.Pres. Chmbr. of Commerce Isr.-Latin America; found. & Hon. Pres., Isr. Forex Club; Pres., Isr.-Holland Friendship League.
55 Shderot David Hamelekh, Tel-Aviv, Tel. 231006.

HATALGUI, Theodore; M.A. (Social Science); author & journalist; Dir., Information Dpt., mbr. Exec. C'tee, Keren Kayemeth Le-israel, 1961-; b. Warsaw, 19.11.1917; m. Noemi Halpern; 1 s.; educ.: Warsaw U.; also in France & Germany; mbr, Govt. Names C'tee; publ.: Heb. poems ("The Other City", 62) & short stories ("The Last Fear", 72); transl. from French, German & Polish lit. into Heb.; corresp. of French, Swiss & Germ. newspapers; lecture tours to Europe, U.S.A.
18, Lincoln St., Jerusalem; Tel. 227050.

HAUBEN, Nora; poet; b. Chemnitz, Germany; to Israel, 1946; ed.: High Sch; danced ballet at age of six, appeared in var. performances; mbr: German Writer's Assn; B'nei B'rith; wrote Zion. articles f. "Echo" B'nei B'rith; widow; 1 s.; publ. poetry in German and Hebrew, 70; in correspondence with greatest person. of our time, i.a.: W. Churchill, Prof. A. Einstein, Thomas Mann, Albert Schweitzer, J. Nehru, Hellen Keller, Charlie Chaplin, Arturo Toscanini, Harry Truman, John Glenn, Charles de Galle, Dr. Christian Barnard, Henry Kissinger, etc. etc.; publ. poetry, parodies, satires in Isr. & abroad; collection of her letters has been exhibited at the Ethnological Museum, Haifa.
4, Hayarden St., Ramat-Gan.

HAUER, Benjamin; Rabbi, B.A., M.A., Exec. Vice-Pres., Mizrachi Org. of Canada, 65-72; b. 18.9.1927, Rumania; in Canada, 48-; m. Miriam Weiss, 1958; 3 d.; 1 s.; Rabbi Beth Jacob Congregation, Toronto, 53-65; lecturer, Theology Department, Loyola U., 70; mbr. Adv. Brd, Canadian Jewish Cngr.; Brd of Dirs, Canadian Friends of Bar-Ilan U.; assoc.-mbr, Yeshiva U. Alumni Assn; Secr., mbr, Rabbin. Cl. of America, Ontario Reg.; publ. extensively in English, Yiddish & Hebrew periodicals & Rabbinic manuals.
128 Aldred Place, Montreal; study: 5237 Clanranald Ave., Montreal, Canada.

HAUSEN, Elieser; Educator, Rabbi; b. Budapest, Hungary; to Israel, 1951; ed.: Yeshiva, Hungary; ordin. Rabbi, Frankfurt a/M (Breuer Yeshiva); also stud. at Schneider Yeshiva; Dr., Psychol. (magna cum laude), Zuerich U.; m. Rachel Frisch; s. Neria Efraim; p.: soc. worker at the Orthod. Congrgn, Budapest; editor, "Darkenu" and congregat. Bulletins; dissertation (about Memory) publ. in Leipzig (Archiv fuer die gesamte Psychologie).
107, Rabbi Akiva St., Beni Brak.

HAUSER-ZEISLER, Tonie; Hon. Mbr, World WIZO Execut. (Head Fundrais. Dpt., 51-74); mbr, Keren Hajesod Council, -74; b. St. Gallen (Switzerland); m. Eng. E. Zeisler; called to Palestine, as Gen. Secr. of WIZO, 31; during 2nd world war active liaison f. local women's orgs. with ATS British Officers; elected to World WIZO Exec., 46; conducted Wizo emergency campaign in S.A. & Rhodesia, 48; temporary chmn, WIZO's Vocational Schools' Dpt.; missions abroad to Scandinavia, France, England, Belgium, Canada, Germany, Holland, Italy, Switzerland.
38, David Hamelech Blvd., Tel-Aviv.

HAUSMAN, Samuel; bus. exec., manufacturer; hon. chmn of brd, UJA Gt. N.Y.; chmn, Legislative Advis. C'tee, N.Y. Brd of Rabbis; vice-pres., Beth Israel Med. Center; trustee. Fed. of Jew. Philanthropies; b. 14.11.1897, Austria; in USA, 1907-; m.: Vera Kuttler; s.: Bruce Alan; d.: Merna Miller, Alice Davidson; chmn: brd, exec. c'tee, mngmnt c'tee & dir., Belding Heminway Co.; chmn brd & dir., Martin Fndn; dir. & mbr, equity plan invest. c'tee, Long Island Lighting Co.; dir., Interstate Dpt. Stores; treas., Am. Jew. Confer. on Soviet Jewry; dir.: Natl Jew. Wlfr Brd. International Syn., A.J.C.; hon. mbr, Jew. War Veterans; p. mbr: N.Y. State Comm. Against Discrimination, State U. of N.Y.; mbr: N.Y. State C'tee on Revenue Sharing, Bus. Advis. Cl. Urban Dev. Corp.,. N.Y. State Manpower Advis. Cl.
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HAUSNER, Gideon; M.K. (Liberal Indep. Pty), 65-; Mbr. of Isr. Govt., 74-77; Chmn, "Yad-Vashem" Cl.; adv.; Lctr, in Comm. Law, H.U.; legal consult. & adv. to n'tal institutions & various leading firms; Chmn, Israel-Sweden Friedship League; b. Poland, 26.9.1915; m. Yehudit Lipschitz; ch.: Tamar, Amos; p. military prosecutor, later pres., Mil. Crt; Att. Gen. of Isr., 60-63; Chief Prosecutor in Eichman trial; publ.: "Justice in Jerusalem" (in several languages); deleg. to several WZ Congresses; mbr. Trustees Hebrew U.
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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.
8022 Gruenwald (Muenich) Gabriel Von Seidlstr. 49 a., West Germany.

HAY of SEATON, Alice Ivy; widow of Malcolm Hay, historian & writer; the mother in law of general Orde Wingate; Malcolm Hay publ. The Fort of Pride, reprint. in N.Y. as The Brothers Blood — the Roots of Christian antisemitism; b. Mildura, Australia, 1899 (maiden name: Wigmore); visit. Isr. 25 times; ed.: Royal Col. of Music, London (2 scholarships); at 18 became an assoc. of the Royal Coll. of Music; charitable work, incl. 4 y. 2nd WW, Red Cross in Scotland; spoke frequently (fundraising) on behalf of Keren Hayessod; co-speaker w. Jan Masaryk at his last appearance in Britain; at 1932, Chaim Weizmann insisted, she must speak in public; publ.: There was a Man of Genius, letter to her grandson Orde Jonathan Wingate; Valiant for Truth (a biogr. of her late husband Malcolm Hay of Seaton); for the work done on behalf of the Order St. John of Jer. she was made a Dame, 63.
Hay of Seaton, D.St. J., A.R.C.M., 5 Belgrave Crescent, Edinburgh EH4 3 AQ, Scotland.

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; "Veloh Hamelech" (Not the King), Sifriat Hapoalim, 74; "Kinot min Hashoresh" (Elegies from the root), Sifriat Hapoalim, 77; spend. 2 years in London, as Emissary f. Jew. Youth, on behalf of J.A.; many poems in dailies, magazines & journals; awarded: Jordan Valley Prize f. Lit., Independence Day 69.
Tel-Aviv Fund f. Art &Lit., 77.
10 Hahagada St., Ramat-Gan.

HAZAN, Baruch A.; Lctr, Bar-Ilan U. & H.U. Jer.; Snr Res., Tel-Aviv U.; b. 19.12.1942, Samokov, Bulgaria; to Israel, 1957; ed.: H.U. Jer. — B.A., 66; M.A., 68; Syracuse U., USA — M.A., 70; Ph.D., 71; m. Helen; 2 d.: Ramona, Iris; books: The USSR Police, Izre'el, 73; Soviet Propaganda, John Wiley, 76; num. articles on Pol. Sci. & Sovietology in Israel, USA, England, Germany.
42, Tagore St., Tel-Aviv.

HEBEL, Lea Frieda; journalist, author; b. Darmstadt, 1.6.1904; to Israel, 1933; ed.: Publ. Trade Sch., Darmstadt; High Sch., Liter and Philos; m. (maiden name Cohn); 1 d.; Lawyers Off., T.A.; Restitution Agency, Sde Warburg; publ. books of poetry, i.a.: "Gesang des Lebens", T.A., 64; "Der Mond wird voll", 644; "Fernes Land", 67; "Asufi von Galilaea", novel, (publ. only in Hebr. transl.); recensions in Isr. & abroad ab. var. Jew. writers; in prepar.: "Buch der Traeume"; mbr. P.E.N. Club, London & Jerusalem; Intl Schriftstellerverband deutscher Sprache, Zuerich, 58-; Verband deutschsprachiger Schrifsteller in Israel; over 10 y. collab. "Jedioth Chadashot", Isr. Ger. daily; etc.
43 Hagalil St., Raanana; tel. 052-31195.

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.; Personal Counsellor to the Prime Minister Menahem Begin 78-; born: Antwerpen, 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; Indust. Prize of Manuf. Assn, 75 (1st aw.); Hon. Citizen of Haifa, 70; mbr: Bd. of Governors: Technion Haifa, Haifa U., Bezalel Art Academy, Jerus.; Intl. Brd. of Govnrs. Israel Museum. Jer. (Hon. Fellow); Cl. f. Archaeol.; Weizmann Inst., Rehovot; Found. & 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.

HEIDECKER, Justin Jacob; Dr. rer. pol.; econ dipl.; Director, "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.

also: 5/3 Alroy St., Jerusalem; tel.02-64016.

HEIFETZ, Ya'acov; Brigadier General (Tat-Aluf), Reserve; General Manager of "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. 471577.

HEILPRIN (BEN-HAIM), Mordecay; teacher & educator; archaeologist & librarian; research work in classical arch. Tel-Aviv U., 70-; Inspector of Extracurricular Ed., Min. of Ed., 72-74; Dir., Beth Faitlovitch, T.A., 74-; born 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; member of Haganah, 38-42; with the British Army, 1'942-'46; principal of 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, 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; Mary Hill Swope Prof. of Archit., Technion Haifa; p. Dean, Fcty of Archit. & Town Plann., Technion; Cl Mbr, Intl Techn. Coop. Center I.I.C.C.; Visit. Prof. U. of Witwatersrand, 75; b. 22.6. 24, Johannesburg, S.A.; to Isr., 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; 1 daughter: Margaret Lynn; (1 son: Barry Charles-killed in an acc. 77); lecturer 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, 75; Pioneers of Prefabrication, 78; also published 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.

HERLITZ, Esther; P. Mbr of Knesseth (Maarach), Chmn, 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, 4 Haneviim St., Tel-Aviv.

HEROLD, Henry Zvi; Orthopaedic Surg.; Chief, Orthop. Surg. Dpt., Barzilai

Med. Center, Ashkelon; b. Poland, 1928; to Israel, 1935; ed.: H.U., Jer. (bacteriol.), Paris U. (Med.); specialisation in N.Y. & Israel; m. Annie Weill; ch.: Ariel, Daphna, Iris; orthop. assessment appeal c'tee, Min. of Health; idem Social Security; mbr: Royal Scty of Med. (London), Soc. Intl de Chirurgie, Orthop. et de Traumatol., Intl Coll. of Surgeons, Soc. Française de Chir. Orthop., Isr. Orthop. scty & Isr. Surg. Scty; publ.: res. on bone healing; articles in med. & orthop. papers, mainly in the field of pediatric orthopaedics.

Hatzanhanim St., Afridar, Ashkelon; Tel. 051-8149.

HERSHLAG, Zvi Yehuda; Prof., T.A. U.; Dir., Horovitz Inst. f. Res. of Devel. Countr.; b. Poland, 23.6.1914; to Israel, 1938; ed.: M.A., Ph.D., econ., H.U.; post-doct. stud., L.S.E., London; econ. plan. dipl., Holland; m. Mania Portman; ch.: Leorah, Avner; mbr: edit. brd econ. quart. CIRCOM, S.I.D.; Royal Econ. Scty, England; MESA, USA; Vis. Prof. in Dutch, Engl. & Amer. U.; partic. in intl confer.; p.: lctr, H.U.; 1st Dean, Fcty Soc. Sci.; Head, Dept. Devel. Countr., T.A. U.; chmn, stud. assn & H.U. lectr. assn; mbr Broadcast. Auth; edit., Hamizrah Hechadash; pres., Isr. Inst. of Intl Affs; T.A.U. repr. to intl assn of Univ.; publ.: The Hist. of Hagana (w. others); The econ. of Turkey; Modern econ. hist. of Midd. East (Engl., Heb. & Arab.); The econ. struct. of M.E.; Isr. Africa Cooper.; The econ. implic. of Peace in M.E.; The Case of Unpai domest. serv.; External Econ. via Infrastruc. in a two-sect. model; Theory of stages of econ. growth; papers in profes. journ. & Encycl.; fllwships: Goodenday Found.; Ford Found.; Isr. Acad. of Sci.; St. Antony's Coll.; Oxford & Princeton U. snr vis. fllw; UNESCO.

Horowitz Institute, Tel-Aviv University.

HERTZ, Dan; psychiatrist-psychoanalyst; 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. 35 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. 72-76; mbr, Exec. Comm., W.Z.O., 69-; V. Pres., W.J.C., 75-; mbr, Exec., Jewish Agency f. Israel, 69-76; born 9 July, 1921, Lucaczow, Poland; educ: Johns Hopkins University, 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. D.H.L., Baltimore Heb. Coll., 74.

83 Glenwood Rd, Englewood, New Jersey, USA.

HERZOG, Aura; Intl Chairperson of Cl. f. a beautiful Israel; b. 24.12.1928, Ismailia, Egipt (maiden name: Ambache; parents born in Palestine); ed.: matric. French & English; grad. Sch. of Diplomats, J.A., 47; B.S.C. (Math. & Physics) Johannesburg, SA.; m. Chaim Herzog, Isr. Ambass. to U.N.; 3 s.: Joel, Michael, Yitzhack; 1 d., Ronit; Exec. Dir., Artist Cl. of Isr., 59-68; initiator of Wld Intl Bible Quiz, 58; p. Hon. Secr. of all Isr. Theatres & repr. at Intl Theatre Inst. of UNESCO; p. Secr. Gen. of 10th Anniv. of Isr. in P.M.'s Off.; found, Kolnoa Lanoar, 63; now: Chairpers. of Ladies, Tel-Aviv Mus.; mbr of Public Brds: T.V. & Radio Auth., Isr. Railways; worked f. „Ma'ariv" & as Art Corr. f. Jewish Chronicle, 57-; auth. of "Secrets of entertaining", "Maariv", 71. New York, USA.

HERZOG, Chaim; K.B.E.; LL.B.; Barr. at Law; advocate; Ambassador Perm. Repr. of Israel to the Un. Nations, 75-; born 17.9.1918, Belfast, Ireland; married 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; Dir., Military Intelligence, 48-50; 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; p. Dir., Banks & Indust. Corps.; snr Partner, Herzog, Fox & Neeman, Advocates, TA. 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); Days of Awe, Weidenfeld, 73; War of Atonement, Little Brown, 75; Hon. Kinghthood, K.B.E., 70; Hon. Doctorats: Yeshiva U., J.Th. S., Bar-Ilan U.

800 2nd Avenue, New York, N.Y. 10017, USA.

HERZOG, Sarah; Rabbanit; b. Riga; to Israel, 1937; ed.: Girls Grammar Sch; Atheneum Coll. of Glasgow; widow of Rabbi Yitzchak Isaac Herzog, rabbi of Belfast & Dublin, Ireland, Chief Rabbi of Israel, 37-59;

s. Chaim Herzog, Ambass. of Israel, U.N.; pres. Jer. Mental Health Center-Ezrat Nashim; pres. "Emunah" Wrld Relig. Women's Zion. Organ.; Israel Mother, 66; "Yakir Yerushalayim", in recogn. f. educ. & soc. work; Ph.D. (honoris causa) H.U., 75; Ph. D. (h.c.) Bar-Ilan U., 75; one of 12 outst. women of "Woman's Year", 75, in Isr., presented citation in Knesset; citat. by Min. of Health f. pioneer work in mental health, on 80th anniv. of Ezrat Nashim, Jer. Mental Health Center.

4, Ibn Ezra Road, Jerusalem.

HESKES, Iréne; musician, musicol., author-editor, educator, communal music leader; Dir., Jew. Music Council of JWB; devel. of ann. Jew. Music Month Celebrations in North Am. w. strong connection to the music of Isr., 68-; contrib. to the 1971 (new) ed. of Encycl. Judaica; theme of 1978 Festival salutes Isr. 30th Anniversary of Statehood; mbr: Phi Beta Kappa, Am. Musicol. Scty, Intl Musicol Scty, Music Lib. Assn, Music Educ. Natl Confer.

Jewish Music Council of JWB, 15 East 26th St., New York, N.Y. 10010, USA.

HESS, Israel; Rabbi, Campus of Bar-Ilan Univ., 73-'; p. Principal High School & 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.; Bar-Ilan U. B.A. (Talmud); married; s.: Moshe, Mordechai, Haim Yair; d. Ditza Shulamit, Chaya Michal; Hodaya, mbr: Cent. 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 Pessah"; editor of "Emunot" Judaism f. non-relig. students in all the campuses in Isr.

Shikun Hamartzim, Bar-Ilan University, Ramat-Gan; tel 717148

HESS, Nathaniel E.; horticulturalist; Pres., Neot Kedumim Ltd. — USA; Chmn, Isr. Comm., Un. of Amer. Heb. Congregations; p. Pres., Am. Rhododendron Scty; Foun.-Pres., Protoflor Export Co., Isr.

Kiryat Wolfson, Bldg 2, Apt. 24, Jerusalem.
Sloanes Court Sands Point, Port Washington, N.Y. 11050, USA.

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 : Kaufmanln Foundation; Brandeis University; Honorary Chairman of: L. and 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 "Ishuv" after 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 Busts of Eliahu Elath, Z. Shazar, D. Ben-Gurion, G. Meir (H.U.); Non Objective Sculpture (Hadassah Med. Sch.); priv. exhib., Whitney Mus., NYC; recip. Hon. Dr., — Brandeis U., Yeshiva U., Santo Domingo U.

480 Park Ave, New York, NY 10022, USA.

HEYMAN, Israel; M.D., physician; Chief Consult., Pediat. Clin., Munic.-Govt. Health Center, Tel-Aviv; cnslt pediat., Munic. Health Serv., T.A.; Snr Clin. Lctr, Tel-Aviv U. Med. Sch.; b. 17.5.1919, Detroit, Mich.; m. Hanna Goldman; 3 s.: Samuel-Noam, Ehud, Shai Eliahu; ed.: Amer. U., Beiruth; mbr: Isr. Med. Scty, Sci. C'tee, Tel-Aviv; Chmn, Pediat. Scty, Tel-Aviv branch, 66-67.

25 Arnon St., Tel-Aviv; tel. 225371.

HILL, Moshe; Assoc. Prof., Faculty of Architecture & Town Planning; head, Cent 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; Harvard U. U. of Calif., Santa-Cruz; secr. of 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; Hadera power station; Tel-Aviv metropolitan plan.

9a Sweden St., Hod Hacarmel, Haifa; tel. 04-251010.

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, Shlomo; M.K. (Maarach), 74-; Min. of Police, 74-77; Min. of Interior, 77 (June-Oct.); Chmn, Min. C'tee f. Soc. Wlf., 74; Chmn Sepharadi Fed. in Isr. 76-; past 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-.
Knesseth, 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 & Attitude Change Research Unit, 70-74); Director of Nuffield Television Enquiry, 54-58; Res. Cnslt, Isr. TV Trust, 65 68; Chmn, Acad. Advis. C'tee Open U., 69-74 (mbr of that C'tee, 74-); mbr. Res. Brd, Inst. of Jew Affs, 66-; 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., Communications Research, 72; Trustee Intl. Inst. of Communications, 73-; Mbr. Annan C'tee: on Future of Broadcast; 74-77; publ.: writings on clin. & soc. psychol., voting & polit. behaviour, broadcast., sch. systems.
Dept. of Soc. Psychol., London Sch. of Economics, Houghton Street, London, WC2A 2AE. Tel. No. 01-4057686.

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 Jakob; lawyer; Assist. Gen. Mng. & Ch. Insp., Bank Leumi, 72-; p. Dir. Gen. of the State Comptroller's Of.; b. Halberstadt (Germany), June 23, 1924; m. Shoshana Rose Bilski; 1 s., 1 d.; ed. Govt. Law Classes; H.U. Jer.; Princeton U., N.J., to Israel, 1935; on staff of State Comptroller's Office, 50-72.
17 Shmaryahu Levin St., Raanana.

HIRSCH, Joseph; painter & graphic artist; teacher at Bezalel Acad., Fine Arts Dept., 64-; freelance artists; b. Germany, 1920; to Israel, 1939; ed.: matric. Germany, 38; Bezalel Art Sch., 39-41; m. Julia Schoschana Lifschitz; 2 d.: Timna, Dorit; mbr Jer. Art Assn (judge del. f. recept. of new members assn). single & group shows, T.A., Haifa, Jer. & abroad; advocate of hermeneutical approach to painting & teaching.
6/c, Katzenelson St., Jerusalem.

HIRSCH, Richard; Rabbi; Exec. Dir., World Union for Progressive Judaism; Comm. on Israel 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; publ. many books: The Most Precious Gift (75); Judaism and Cities in Crisis; There Shall Be No Poor; The Way of the Upright; numerous articles.
13 David Hamelech St., Jerusalem; tel. 234748, 232444.

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.
Post Office Box 3099, Caracas 101, Venezuela.

HIRSCHTEIN, Ami; Engineer; General Manager, "Herouth" Ltd. — Mechanical Engineering, Tel-Aviv.
P.O.B. 1969, Tel-Aviv; tel. 57305.

HOD (Fein), Mordechai; Pres., El-Al — Isr. Airlines 77-; found. & p. Pres., C.A.L. Cargo Airlines, 75-77; Assigt. Min. of Defence, 73-75; Major Gen. (Aluf) Res., p. Commander of 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; Sen. Lctr, Sch. of Law, Witwatersrand U.; p. Gen. Secr. & p. V. Chmn, S.A. Zion. Fed.; b. 17.3.1924, Somerset East, S.A. ed.: Witwatersrand U. — B.A. 46, LLB., 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 only son, Dan, Killed dur. army serv., 60; ed.: Vienna, Florence & 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"; books: "Robot Art", "Sunpainting", "Sonnenmalerei", "Design with Sunrays", & other research Works; abstract art films.

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HOFFI, Itzhak; Aluf (Major General); C.O. North Com., 72-74; Head Operations Branch at Gen. H.Q. & Dep. of Chief Gen. Staff, untill left his regular serv. in IDF, April 1974; born in Tel-Aviv, 1927; 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.
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lations 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.

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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; Tel-Aviv Museum 74; recip. Prize Dizengoff by Tel-Aviv Municip, 76; publ. by Isr. Museum Jerusalem, a collection of drawings; at Yad Vashem & at Kibbutz Lohamei Hageteot, drawings done in concentration camps.

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Department of Field Crops, 53-69; Dean, Faculty of Agric., 65-68; b. in Lithuania, 12.9.01; m.: Joheved Weinstein; d.: Tirzah-Jaacoby; Ruth Nitzan-Nussinov; to Isr., 24; educ.: Technical U., Moscow; Berlin U.; Agric. High School, Berlin; on staff, Agric. Research Station, Rehovot, 32-52; Hebr. U. 42-69; Agr. Schs - Ben-Shemen, Ajanot, Kfar Galim; mbr of Judges Comm. f. Isr. Prize; p. Mbr, Publ. Coun. f. Higher Ed.; Mbr., Public Council for Agric. Educ.; Mbr., Public Council on Statistics; participated, various intl. scientif. congresses; Author of: "Principles of Agronomy"; "Agriculture in the Arab Middle East"; "Principles of Agriculture"; over 100 scientific papers & articles in periodicals; awarded Israel Agriculture Prize, 1957; Dr. Ruppin Prize, 1969.

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Friends of Hebrew U., 1940s to 1964; Organized and directed (Chairman) American Student Program for Study at the Hebr. U., until 1966; hon. chairman, since 1966; During 1940s, Chairman, Education Advisory C'tee of Hadassah; Jacob Ziskind Vis. Prof., Brandeis U., 66-67; Phi Beta Kappa; Pres. Gamma Chapter of Phi Beta Kappa, 63-64; Phi Alpha Theta; Frank L. Weil Award; Myrtle Wreathe Award of Hadassah, 65; Townsend Harris Med. f. Notable Achiev., 71; Lee M. Friedman Gold Med. Award, 75; Oscar & Paulina Janowsky Fund, establ. by H.U. Jer., 76; Advis. to the League of Nations High Commissioner f. Refugees From Germany, 35; Member, Board of Overseers, Brandeis U.; p. Mbr, Executive Council & V. Pres., now Honorary Member, American Jewish Historiacal Society; Jew. Publication Scty of Am., Co-Chmn, C'tee on Modern History, -70; Fellow & member, Brd of Executive, Am. Assn. f. Jewish Education; Dir., Survey of Natl Jewish Board and Jewish Community Centers, 46-47; Chmn, Commission for the Study of Jew. Education in the USA, 52-57 — organized the Study and (with U. Engelman) directed it, 52-55; Consultant to Bnai B'rith on Jewish Educational and Cultural Affairs, 61-64; Mbr, Edit. Board of Jewish Social Studies, Middle Eastern Affairs; Contributing Editor, Menorah Journal, etc. Dpt. Editor, Encycl. Judaica.

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KAHANA-CARMON, Amalia; writer; Writer-in-Residence, T.A. University, 75; acad. librarian; b. Ein-Harod, Israel; ed.: Hertzliah Gym., T.A.; H.U. Jer. — Fcty of Hums.; grad., Library Sch.; m. Arie Carmon (Weinreich), 1951; d.: Raya Abigail; 2 s.: Iddo Max, Haggai Michael; mbr: Advy C'tee on Public Libraries, Min. of Ed. & Cult. Cent. C'tee of Heb. Writers Assn; C'tee of P.E.N. Centre in Isr.; C'tee of H.U. Alumni Assn (T.A. branch); p. Heb. Secr., Heb. Educ. Dpt. of Zion.Fed., Gt. Britain; p. mbr. C'tee of Isr. Student Assn in London; p. librarian, T.A. U. Sent. Libr.; mbr: Heb. Writers Assn; ACUM; Isr. Assn of Grads. in soc. sci. & hums.; H.U. Alumni Assn; Isr. Librarians Assn; P.E.N. Centre in Isr.; publ.: "Under One Roof" (collection of short stories), 66; "And Moon in the Valley of Ajalon" (novel), 71; "A Piece for the Stage in the Grand Manner" (monodrama), 76; ab. 20 shrt stories; recip.: Ammot Award f. short story; B'nai B'rith Award in librarianship, in memory of Prof. D. Tiberger, 64; cit., "Writer-of-the-Year", by "Bamahaneh" (army weekly), 64-65; 2nd Prize, by Bitzaron (USA), in honour of Senator Stiebel, 65; S.D. Steinberg Award, Zuerich (f. "Under One Roof"), 67; The Prime-Minister Creativity Award, 71; judge, Acum lit. competition, 69.
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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; Feudalism, Capitalism and Beyond (w. R.S. Neale), 74; Visit. Prof., Fcty of Law, Sydney University, 73, 74, 76; contrib. to books & period. on soc. philos. & the history of ideas.

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KAPLAN, Stanley David; Consulting Engineer; MIStruct. E, MSA Cons. E., MSAICE; Chmn, S.A. Technion Scty.; Gvnr, Technion; Sen. Lect., Buildg. Sci. Dpt., Facty of Arch., Witwatersrand U.; b. Benoni, South Africa, 1'926; educ.: Benoni High Sch. Matric, 43; B.Sc. (Eng), Witwatersrand U., 47; m. Bluma Missulawin; 4 ch.: Niki, Peta, Dina, Daniel; p. founder & sen. partner of Stanley Kaplan, Bahr & Jacobs, Cnsltg. Engs.; p. Pres., S.A. Assn. of Cnsltg Engs.; mbr: S.A. Agreement Brd. (f. approval of new buildg. methods); S.A. Bldg. Res. Advis. Cl.; auth. of var. papers on profess. practice, struct. eng., industrialized bldg, etc; served in Mahal 48-49; in Israel 67-68.
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KARCHMER, Aaron Moses; bus. exec.; Secr.-Treas., Karchmer Pipe & Supply Co.; President, Jewish Welfare 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; p. 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.
1604 Morrison Rd., Centralia Ill.; office: 300 N Brookside, Centralia Ill., USA.

KARCZMAR, Natan; artist painter; b. 3.1.1933, Paris; to Israel, 1972; m. Anne Treze, painter; lived in Montreal, Canada, 55-72; dir.: Canad. Museum of Film & Art, theatre "Le Centre Canadien d'Essai", Salon de la Jeune Peinture, Jeune Sculpture, 57-65; found., "Les Editions Graphs", 66; devoted himselfs entirely to paint., 68-; one-man shows: Center Art Gall. N.Y., Galerie Entremonde Paris, 70; La Maison Française, N.Y. University, Gal. Entremonde Paris, 71; shares a Studio in Safad & in Old Jaffa, 72; mbr, Isr. Paint. & Sculpt. Assn; publ. sev. albums on Canad. artists.
18 Kikar Kedumim, Old Jaffa; tel. 833289.
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KARCZMAR, Simon; painter; b. 1903, Warsaw; stud. Fine Arts Sch. in Warsaw; to Paris, 1929; stud. at Ecole des Beaux Arts & worked there f. 20 years; m. Nadia Slobodzianski; 1 s.: Natan, painter; dur. the Nazi occupation was w. the partisans in Nice, mbr of the "Resistance"; after Holocaust he dedicates all his painting to the Jew. folklore & Jew. traditions & to the famous "Shtetl"; lived in Canada, 55-62 & had more than 100 shows in USA, Canada, Mexico, Paris; to Israel, 1962 — establ. his residence in Safad; mbr, Artist's Colony Safed & Isr. Paint. & Sculpt. Assn.
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KARGMAN, Israel; p. M.K. & Chairman, Finance C'tee,Knesseth; 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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KARNIEL, Shlomo; Eng., Ph.D.; Gen. Mng., Astronautics C.A. Ltd.; past 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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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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KATAV, Shalom; poet; writer, journalist, educator; inspector elem. & high sch.; b. Baghdad, 1931; to Israel, 1950; ed.: Alliance Israélite, Baghdad; educ. sch., H.U. & Bar-Ilan U.; married; 4. ch.; active illegal Hehalutz, Irak; in Israel: princip. elemn. & high sch; dir., educ. & cult. dept. WZO France, 69-72; p. Gen. Secr. Isr. club Irak immigr.; gen. secr. acad. org.; mbr brd "Brith-Am" & pres. of its pedag. cl.; mbr: Teacher's Org., Heb. Writer's Assn; brd Irakian Jewry; repres. Min. of Ed. & Cult. at Rehab. Dept., Defence Min.; publ. poetry in Arab lang, 49 & 59; Hebr. poetry: "Not so poor", 73; "On the banks of the rivers". 75; Arab transl. of Heb. poetry, critic.; essays & many pamphlets in Hebr. & French; partic. in var. anthol., etc.: active f. educ. & cult. integration of all Jew. tribes; etc.

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KATSH, Abraham I.; author, editor; President Emeritus and Distinguished Professor of Hebraica, Dropsie U., 67-; b. 10 August 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; LL.D., Dropsie U., 76; D.H.L., Villanova U., 77; m: Estelle Wachtell; 2 s.; 1 d.; vast activity in promoting Hebraica & Jud. in Am. Universities in the last 40 years; publ.: Ginze Talmud, 76; Biblical Heritage of American Democracy, 77; Ginze Mishna (from the Leningrad Antonm Collec.), 71; Scroll of Agony — Kaplan diary of the Warsaw Ghetto, 65; Yiggal Hazon (Heb. poetry of the Golden Age of Spain), 64; Midrash D.Hanagid, 64; Jud. & 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; Ginze Talmud (from the Leningrad Antonin Coll. of Geniza material), 75; first to establish a student-prog. in Israel, 49-61; exec. mbr, World Heb. Congr.; recip. many high awards & prizes, i.a. B'rith Abraham Medal, 52; Israeli Govt., 65.

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15, Hagdud Haivri, Jerusalem.

KATZ, Gad; Mayor of Eilat, 74-; b. 1937, Kfar Yehoshua, Isr.; ed.: High Sch. "Shevach", T.A.; Technion Haifa, Machine Eng., served IDF, 54-58; Paratroops command; wound. at milit. action; worked at 1st pipeline "Afikei Neft" Comp.; Eng. & Dir., Eilat-Ashkelon pipeline Co. Ltd., 69.-
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KATZ, Gideon; educationalist; agron.; M. Sc., Ph.D., Dir., Agric. School Mikveh Israel; b. in Germany, 1932; educ.: Hebrew U., Agric. Fcty, 55-60; teaching, pedag. dir., K'far Silber, 59-61; Educ. School, Cornell U., 62-64; instructor, Agric. Fcty Rehovoth. Educ. Dpt., 64-65; app. dir. of Mikveh, 66-; m.: Nizza Ratchko; 2 s., 1 d.; to Israel, 1933; publ.: "Role of Youth Hostels in Furthering Intl Understanding"; "On Vocational Needs in Agriculture of Beginning & Prospective Farmers in Israel", as well as other research papers in his field.
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20, Hattibonim St., Jerusalem.

KATZ, Joseph; M.B.K.S.,; p. Chmn E. Debrie Org. (UK, France, USA); Anglo Cine-Serv., UK; p. Pres., Fodel SA, Swiss; Brd, Cineservices Intl.; Assoc. & p. Consul. to Harry Saltzman Enterprises, p. producer of James Bond films; Patron & Brd Mbr: Brit. Friends of Kibbutz; Givat Haviva Educ. Fund; Charter Mbr, Isr. Variety Club, Tent, 51; Patron Life Mbr, Variety Clubs Intl; b. 1912, Vilna; ed.: New-York U., Cooper Un.; m.: Eva Rebecca Getzoff; d.: Paula; in charge of org. indust. sctn of Kibbutz Artzi, Techen Enterpr., 52-58; design & devel. of water meter, thermostat, var. agric. equip., feed plant, Emek Hefer, etc.; cnslt to: Weizmann Inst., Isr. Min. of Devel. & Min. of Comm., 58-64; dir., Mole Richardson — Colortran Film Equip. Co. in Isr., 64-66; patents: Fibre Optics f. film lighting appl.; devel. design & install. of 1st double filament lighting & automoted grid systems f. BBC Telev. & other TV stations; var. papers & res. on telev. lighting.
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KATZ, Katriel; Dep. Chmn, Isr. Cl. f. Intl Relat.; mbr, Brd of Gov., & Exec. Cl., H.U. Jer.; Isr. Ambassador to Finland, 72-74; Ambass. to USSR, 65-67; p. Chmn, "Yad Vashem Martyr's & Heroe's Remember Auth.; b. Warsaw, 16 October, 1908; m. Orah Gruenhut; 2 d.; 1 s.; educ.: High School of Journalism, & Warsaw U.; to Israel, 1924; Head, Dpt. of Propaganda & Education, Haganah, 42-43; spokesman of the Haganah, 48; spokesman, Public Relations Office, IDF, 49; on staff of MFA, 49-67; p. Charge d'Affaires in Hungary, 53-56; Envoy Extraordinary & Minister Plenipotentiary in Poland, 56-58; Secretary to the Government, 58-62; Consul General, N.Y., 62-65; Author of "Five Years of Israel's Foreign Relations" (Heb.), 54; "Ambassador to Lands Unfriendly" (Heb.) 77; articles & pamphlets on politics.

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KATZIR (KATCHALSKI), Ephraim; President of State of Israel 73-78; has reinforced acad., sci. & soc. welfare aspects of the office; Ph. D.; Sgan-Aluf (Lt. Col.), Profesor and Head, Dpt Biophysics, Weizmann Institute of Sciences, Rehovot, 51-; b. Russia, May 16, 1916; m. Nina Gotlieb; 1 d.; 1 s.; educ.: Hebrew U., Jerusalem; Tchernikhovski Prize, 48; Weizmann Prize, 50; Israel Prize in Natural Sciences, 59; Rothschild Prize in Natural Sciences, 61; Linderstrom-Lang Gold Medal, 69; author of numerous papers and articles on proteins and polyamino acids; mbr.: Israel Academy of Sciences and Humanities, The National Council for Research and Development, The Council for Higher Education, Biochemical Society of Israel, Israel Chemical Society, Chief Scientist, Israel Ministry of Defence, 66-68; Overseas Memberships: National Academy of Sciences of the U.S., American Academy of Arts and Sciences (Foreign Hon. Member), Leopoldina Academy of Science, Germany, American Society of Biological Chemists (Hon. Member), Harvey Society (Hon. Member), Ciba Foundation, International Union of Biochemistry & many other organizations; mbr., Brd. Analytical Biochem., Archives of Biochem. & Biophys., Biopolymers, Excerpta Medica, Section "Amino Acids and Proteins", of Europ. Journal of Biochem.; Hon. doctorates: H.U. Jer., 74; Brandeis U., Michigan U., H.U.C., N.Y. Inst. of Technol., 75; Weizmann Inst., 76; Tel Aviv U., 77; Frgn Mbr, Brit. Royal Scty, 77; as Presid., visited US, 75; United Kingdom, 76; Mexico. Costa Rica & Guatemala, 77.

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KATZNELSON, Daniel: phys.; Head, Dpt. of Pediatrics, Tel Hashomer Hosp., 55-; b. Tomsk, Siberia, 3.6.1921; to Israel, 1949; ed.: St. Johns U., Shanghai, M.D. 45; 2 s.; 2 d.; snr lctr in pediatrics, Tel-Aviv U., Med. Sch; mbr: Isr. Med. Assn., Sctn of Pediatrics.

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KATZOFF, Louis; educator; lctr, Adult Educ. Study Center, Jerusalem; b. New York City, 22.2.1908; to Israel, 1971; ed.: B.A., CCNY, 30; Ph. D., U. of Pa, 48; Rabbi, JTS, 34; m. Adina Abramowitz; 2 s.: Ranon, Jonathan; mbr exec. c'tee, World Jew. Youth Bible Contest, Jer.; Natl Cl. f. Jew educ.; V. Chmn, Wrld Jew. Bible Scty; edit. of its Engl. quarterly, Dor le-Dor; Assoc. Prof. of Educ., Amer. Coll., Jer., 71-74; Registrar & Assist. Prof. of Educ., Coll. Jew. Stud., Chicago, 49-58; Pres. ZOA, Easton Pa Reg., 45-47; Ntl Brd Dir. of Relig. Educ. Assn, 57-61; pres. R.A., Chicago reg.; mbr, Phi Detta Kappa, profes. educators assn; publ. Issues in Jewish Education, 1949; co-author (w. Philip L. Lipis), Torah for the Family, 77.
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KOSSONOGI, Joseph; artist; painter; b. Budapest, 1908; m. Tamar Wilker; 2 ch.; educ.: Berlin, Paris Acad. of Fine Arts; to Israel 26; mbr., Israel Artist Assn; one man shows: Tel Aviv Museum., 44-47; Amsterdam, 50; Artist House, Jerusalem, 51, 54, 60; Museum of Modern Art, Haifa, 61; H. Rubinstein Pavilion, T.A. 62; particip.: selected group exhibition of Israel Artists, Canada, 56-57; Intl. Art Exhibition, Tokyo 66; works 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.

14, Emanuel Blv., Tel-Aviv; Artists Quarter Safed.

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vol 2 & 3, 70; Continuous Multivariate Distrib., vol. 4, 72; edited translations of: Proc. of Steklov Math. I., 69; I.N. Pesin's Classical and Modern Integration Theories, 70; ed. transl. of L. Maistrov's Probability Theory, A historical sketch, 74; publ. (w.N.L. Johnson) Models and their Application, 77; Disting. Visit Prof., Bucknell U., 77; ab. 40 articles in scientific journals; papers presented at sci. meetings & int congresses.

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Kibbutz Eyn Ha-Horesh.

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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, Facla, Idishe Zeitung, Tel-Aviv; mbr, Ladies Sct., B'nai B'rith Lodge; 1 vol. of poetry "Sasson Ve-Jagon", 71; in prep., a new volum of Hebrew poetry.
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LAOR, Dov; Brig. Gen. (Res.); Head, Export Marketing Dpt; Koor Metals Ltd.; p. Gen. Mng., Israel Automobile Corp.; b. 28.6.1920, Germany; to Isr., 1939; ed.: HS in Germany; Ind. Mngmnt in USA; attend. techn. sch., 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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LAPID, Joseph; journalist, author; LL.B.; Feat. Edit., Maariv; b. 27,12.1931, 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, 6 Days & Kippur Wars; 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 Thief" (play, Habimah), 73; "A Man of My Age", 74; recip. awards: Nordau, 63; Herzl (for journalism), 71; Army Radio, 73.
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LAPKIN, David Theodore; Rector, U. of Haifa, 72-75; 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.
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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); 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 I.A.F., 51-53; Dep. Chief of Staff, Commander Armored Corps, 56-57; Commander, Southern Command; published military training manuals; contributor to periodicals, dailies on soc., milit. & manag. 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.:

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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, North Shore B.B. Women, Chicago Ill.; V. Pres., Leo N. Levi Natl Arthritic Hosp.; trustee: Bellefaire Home for 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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LAVEE, Amos; econ.; Minister (econ. affs) Isr. Embassy, London; b. Tel-Aviv, 1.11.1933; ed.: H.U.Jer.; B.A., Econ. & Stat., 58; M.A., Bus. Admin., 67; Publ. Admin., 74; UN scholarship in Holland & Scandinavia; advanced stud. in econ. & admin.; m. Rina Bassiuk; 2 d.: Revital, Michal; s Doron; mbr: Joycees Senate, B'nei B'rith Isr. Mngmnt Center, Scty f. Protection of Nature, Org. Heb. U. grad.; V. Pres., Joycees Intl, 73; Natl Pres., Joycees Isr., 72; Jer. Jun. Chamber Pres., 71; V. P. Jun. Chamb., 70; mbr brd, Fed. of Acad. in Soc. Sci. & Human.; mbr C. Union of the Kibbutz; mbr c. Hanoar Haoved; Dep. Dir. Gen., Min. Immigr. & Absorp., 72-74; Dir. Dept. Absorp., 69-72; Dep. Dir., Dept. Budgets, Treasury, 67-69 (assist. to the Dir., 53-67).
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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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LAVI (LOEWENSTEIN), Theodor; Ph.D. Dir. Res. Center of Rum. Jewry, H.U. Jer., b. Rumania, 19 January 1905; 2 ch.; educ.: Bucharest U.; p. chief editor: "Stiri din Lumea Evreeascà", 27-29; „Viata Evreeasca", 44-48; past mbr, Executive Council,

Zionist Organization of Rumania; author of "History of Zionism"; "Anthology of Zionism"; translated Trumpeldor's letters into Rumanian; publ., by Yad Vashem, "Pinkass Ha-Kehilot" (69); auth. of "Rumanian Jewry in World War II", Jer. 65.

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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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LAWRENCE, Ian William; Barrister & Solicitor, own practice, 60-; Dep. Mayor of Wellington, 74-; in the past: Chmn,UIA Wellington, N.Z.; brd mbr, Wellington Heb. Cngrgn; b. Sydney, Australia, 29.12. 1937; ed.: Law Degrees, Wellington — LL.B., LL.M. (Hon.); m. Porath, 1964; 3s.; 2d.; p. Pres.,, Wellington Jaycees; p. Secr., Wellington Jew. Soc. Club; mbr: 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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LEDERMAN, David; Isr. advertis mng. f. U.S. "National Jewish Monthly", B'nai Brith Publ. & A.J.C. quarterly "Present Tense"; p. Dir., P.R. & Promotion Israel Magazine, 70-; honours: Ordre de St. Michael and 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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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.

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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 & Pres., 73, Van. Jew. Cmty Fnd & 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.

LIPTZIN, Sol; Prof. & author; b. Russia, 27.7.1901; to Israel, 1962; ed.: A.B., City Coll. N.Y., 21; Columbia U. — A.M., 22 & Ph.D., 24; m. Anna Ohrenstein; 2 d.: Dr.: Yelva Lynfield, Karen Sitton; Hon. Pres., Yiddish Culture League, Jer.; active: Bnai Brith, A.J.C., Wrld Bible Scty, Yivo Inst. of Jew. res.; p. Prof. of compar. lit., CCNY; Wrld Lit. Am. Coll., Jer.; Vis. Prof.: Northwest. U., Yeshiva U., U. of Calif., Bar-Ilan U.; lctr: Technion, T.A. U.; p. chmn, Comm. on Jew. Affs A.J.C.; p. Pres. Coll. Yiddish Assn; p. Pres. Jew. Book Cl of Am.; books published: Shelley in Germany, 24; The Weavers in Germ. Lit., 26; Lyric Pioneers of Modern Germ., 28; From Novalis to Nietzsche, 29; Arthur Schnitzler, 32; Richard Beer-Hofmann, 36; Histor. Survey of Germ. Lit., 36; Germany's Stepchildren, 45; Peretz, 46; Eliakum Zunser, 50; English Legend of Heinrich Heine, 54; Generation of Decision, 58; Flowering of Yiddish Liter., 63; The Jew in Am. Lit., 66; Maturing of Yid. Lit., 70; History of Yid. Lit., 72; dep. edit., Encycl. Hebraica, Encycl. Judaica; recip.: Chaim Zhitlowsky Prize f. Lit., 74.

21 Washington St., Jerusalem.

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.

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); publisher & editor; published six books: "Ben-Gurion of Israel", "Road to Jerusalem", "A Peculiar People", "Another Time, Another Voice", "Weizmann, Last of the Patriarchs"; var Engl. Am. & frgn lang. editions; Gen. Editor of "Weizmann Letters and Papers".

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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.; Gen. Dir. Isr. Broadcast. Auth.; p.: chief editor, "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, Jerrold L.; businessman; Pres., A-1 Truck Service, Inc., Canton, Ohio; b. Youngstown, Ohio; educ.: Ohio State U., B.S. — Bus. Admin.; m. Phyllis Oster; 3 ch.; p. Pres., Jew. Comm. Fed. of Canton; U.J.A. Young Leadership Cabinet; Exec. C'tee, AIPAC; Chmn, Canton ORT, etc.; to Israel — 63, 67, 71, 75.

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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; p. Pres., Can. Techn. Scty; Secty Treas., Can. Fr., Jer. Coll. of Technol.; Co-Chmn, Cent. Fund of Tradit. Insts.; Pres., Can. Techn. 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 mbr, I.A.A.E.; share holder, Bank Adanim, Israel; awarded "Ben Sadowski Award", 67, by United Jewish Wlf Fund, Toronto; visit. Israel 38 times.

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LOEFLER, Roland; Gen. Secretary, Swed. Zion. Fed.; Secr. Solidarity C'tee f. Isr. in Swed.; b. 28.11.1951, Stockholm; active Soviet Jewry C'tee, Jew. Comty Stockholm; Cult. Dir. Jew. Comty Center, Stockholm; brd mbr, Jew Comty in Stockholm; brd mbr of var. Jew. youth assns; brd mbr, Swedish Org. f. pupils to High Sch. Ages.

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LOEWE, Raphael James; Reader in Heb., U. Coll., London; Elder (Pres., 75-77), Spanish & Portuguese Synagogue, London, mbr, Jew. Hist. Scty of Engl.; 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).

50 Gurney Drive, London N2 ODE, England.

LOKER, Zvi; Ambassador to Haiti, 75-; Dir., Office of the President of Israel, 70-74; past Ambassador to Madagascar & Mauritius, 68-70; p. Consul Gnl., Paris, 63-67; 1 s.; 1 d.; educ.: H.U., Belgrad U.; on staff of Political Dpt., Jew Agcy, 47-48; on staff of Min. f. Foreign Aff., in several capacities, 1948-.

32 Palmach St., Jerusalem.

LONDON, Ben Robert; pres. Keren Hayessod-UIA, Oslo; mbr, Youth Aliah Brd; director of coys; b. Oslo, 3.7.1914; wife, Sonja, m.: 10.3.46; two ch.

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LONGMAN, Ivor Martin; scientist; Assoc. Prof., Dpt. of Environ. Sciences, T.-A. U.; Assoc. Prof., Dpt. of Geophysics and Planetary Sciences T.A.U. 69-; b. in London, 8 March 1923; educ.: B. A., M.A., (Math) Cambridge U.; Sc.D. (Appl. Math), Technion; m. Rony Berger; ch.: David, Shulamith, Benjamin; 41-43, Emmanuel Coll, Cambridge U.; 43, B.A.; 43-46, wartime radar res. f. British Govt; 46-48, Emman. Coll., 48, M.A. in Math; 48-53, industrial res. on Theory of Plastic Deformation in Metals, Engl.; to Israel, 53; 53-55, Appl Math research & teaching, Technion, Haifa; 55-58 Appl Math Research (theoretical seismology) Weizmann I., Rehovot; Sc.D.. dgr Technion; 58-62, Theoretical Geophysics Res., U. of Calif.; 62-67, Appl Math Res (theoret. seismol.) Weizmann I.; research & teaching appl math at Negev U. Beer Sheva, 1967-1969; w. the revisoral staff of "Math. Reviews", publ.: numerous articles, papers in his field.

3, Harimon St., Rehovoth.

LORANT, Tibor; Spec. in Chest Dis. & Radio Radiol. Diagnostics; M.D., Lctr on Radiol., H.U. Jer., 76-; Chief Spec. Phys. of Kupat Holim, Clin. Dist. Rishon Lezion, 71- (Radiol. in Charge Dist. Rishon, 63-); Cnslt Radiol. Isr. Police Gov., Prisoners Serv., 61-; b. 1922, Subotica, Yugoslavia; ed.: H.S., Yugosl.; Med. U., Belgrad — B.M., 49; M.D., 53; Clin. Assist. in Radiol. Clins, U. of Belgrad, 49-50; Resid. in Chest Dis., Govt. Hosp. Jer., 50-54; Assist., Chest Hosp. of Joint (Malben), Beer-Jacob, 54-56; Snr Phys. & Chest in charge of Radiol. Govt., Asaf Harofe, 56-61; Radiol. Gen., Kupat Holim Clin., Jaffa, 60-63; Phys. in charge Anti T.B. League Clin., Rishon, 62-64; mbr: Isr. Assn of Radiolog., Isr. Assn of Chest Physicians, Rotary Club Intl.

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LORBERBAUM, Joseph; Mech. Eng.; Dir. Gen., Jerusalem School of Technology; b. 1930, Jerusalem; ed.: grad., Teachers Coll., Jer., 50; New York U., M.E., 68; m.: Rachel Youlus; 3 s.: Menachem, Moshe, David; d.: Rivka; Des. Eng., Loma Machine Mfg Co., N.Y., 58-64; Assoc. Chief Eng., Mesco N.Y., 64-68; Plant Mng.: Pioneer Concrete, 69-71; Allied Engine. 71-72.
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LORBERBAUM, Yehoshua; dir. of companies; Dir. Gen., Companies Authority of Jewish Agency, 74-; b. 1932, Jerusalem; Head, Budget Dept. of J.A., 58-66; Treas. of J.A. in USA & North Am., 67-74; mbr, Brd of Dirs: Rassco, Israel Land Development, Amigour.
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LORCH, Netanel; Secr. Gen. of the Knesseth, 72-; p. Dir. Latin America Division, Foreign Min.; p. Ambas. to Peru & Bolivia (63-67); b. in Germany, 1925; m. Erika Frost; 2 s.; 1 d.; educ.: Teachers' Training College, Jerusalem; Hebrew U.; university courses, England; Youth Aliya educator, 43-44; I.D.F., 48-55 (Lt. Col.); IDF in charge of Military History, 52-55; Israel Consul, Los Angeles, 55-58; Charge d'Affaires, Colombo, 58-60; dir. African Dpt., MFA, 60-63; mbr, Brd of Dirs, Central Inst. Isr.-Ibero Am., Jer.; Brd of Dirs, Shazar Center; V. Pres., Assn of Sec. Gen. of Parliaments; mbr Exec. C'tee, H.U. Jer.; Chmn, C'tee on Pub. Admin., Isr. Mngmnt Cent.; publ.: One long War Arab vs. Jew since 1920 (Engl.); seven Chapters in Isr. Lat. Am. Relations (Heb.); Israel's War of Independence (Hebrew & Engl.); The Whispering River (Heb.).
14 Marcus St., Jerusalem.

LORIAN, Alexander; Professor of French Linguistics and Director, Institute for Languages & Lit., H.U. Jer., 70-73; Corresp. Mbr, Conseil International de la Langue Francaise, Paris; b. Bucharest, 1921; ed.: B.A. (London); M.A. (Jerusalem); Ph.D. (Sorbone); to Israel, 1941; m. Aniela Margalit; ch.; Roni, Hevgad, Danit; Hebrew .U (55-); Supervisor Gen. of French studies, Min. of Educ. (60-66); head, French Dpt., University of Haifa, 66-69; books & papers on French linguistics & literature.

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LORINCZ, Shlomo; M.K. (Agudat Israel); Rabbi; b. Budapest, 1918; m. Martha Zucker; 4 d.; 4 s.; educ.: Rabbinical schools in Hungary & Lithuania; to Israel, 1939; founder, pres., Children's Villages Sde Chemed and Chazon Yechezkiel; founder, pres., network of vocational schools "Yagia Kapayim"; founder, Kiryat Nachal, Negev; founder and pres. of Charity Fund for Free Constructive Loans; mbr. board of dir 'Ha-Chinuch HaAtzmai"; & of the Natl Brd of Dirs, Agudath Yisrael.

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LOURIE, Arthur; M.A.; LL.B.; Political Adviser to M.F.A., 72-; p. deputy director gen., Min. for Foreign Affairs; b. Johannesburg, March 10, 1903; m. Jeannette Leibel; 1 s.; 1 d.; educ.: Cape Town, Cambridge, Harvard U.-ies; legal practice, lecturer (Roman-Dutch law), Witwatersrand U., 1927-1932; political secretary, Jew Agcy, London, 1933; director, Am Zionist Emergency Council 1940; mbr, Jewish Agency delegation, San Francisco U.N. Conference, 1945; liaison officer in Palestine with Anglo-American Committee of Enquiry, 1946; Director Jewish Agency U.N. Office, 46-48; Isr. Consul Gen., N.Y. & Dep. Perm. Representative of Israel to U.N., 48-53; raised to rank of Minister, 51; Asst. Dir. Gen., Ministry f. Frgn Affairs, 54-57; Ambassador on special mission to Emperor of Ethiopia, 55; mbr, Israel delegation U.N. General Assembly, 49-53; 56-57; chmn of delegation, 59; Ambassador to Canada, 1957-59; Ambassador to Great Britain, 1960-65.
18 Ahad Haam St., Jerusalem.

LOUVISH, Misha; M.A. (Hons.), Glasgow U.; writer and translator;p.Dep. Div. Editor (modern Israel), Encyclopedia Judaica; b. 5.7.1909, Bucovina; brought to Scotland, 1912; to Israel, 1949; m.: Eva Bersinski; 3 s.; public relations & editorial posts, 49-56; Chief Engl. Edit., Govt Press Office, 56-67; IPST - Keter Books, 67-74; edit., educational handbooks & "Facts About Israel", 57-72; translated from Ben-Gurion, Agnon, Meged, etc.; numerous articles on Israeli affairs; author: "Challenge of Israel".
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LOVIAN (Lubian), Hunia; Dr.; chief econ., Dpt. of Econ. Survey & Advisory, Min. of Agric.; mbr C.C.: Assn of Acad. in Soc. & Human Sci. (pres,, 58-72); Acad. Assn of Labour Party; b. Rumania; to Israel, 1950; educ.: grad. Rumanian Acad. of Higher Econ. Studies (agric. studies completed in Israel); m. Leopoldina Camerman; d. Johana; Pres., Ha'ovdim Ha'akademaim, Ministry of Agriculture; econ. editor, Kol Israel (Rumanian language brdctsts); mbr, Presidium, Brith Rishonim; mbr, Israel Society of Edit. of Periodicals; publ.: fodder output relation research, food balances, works & res. on agric. economics, equipment, etc.; contrib. to press & brdcst services, on agric. econ. issues.
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LOW, Dalia; dancer (Flamenco); b. 27.11.1941, Tel-Aviv; married; 2 ch.; stud. classic. & modern ballet w. Heinrich Neumann, Mia Arbatova, Rina Shacham; appeared w. "Classical Ballet Co." of Hillel Markman; part. at "Tatiana Spanish Ballet", 67; single Isr. Flamenco dancer; introd. the "Cante Jundo" to Isr. as a theatr. medium; is noted f. her interpret. of classic. Spanish themes.
10 Galey Tchelet St., Herzlia Pituach.

LOW, William Zeev; Prof. of physics; Pres., Physical Scty of Israel; editor, Phy-

sics Letters; Rector of the Jerusalem College of Technology (p. academic head); born in Vienna, 25 April, 1922; to Israel, 1950; ed.: Queens Univ., Kingston Ont., B.A. Honours, 46; Columbia U., N.Y. — M.A., 47; Ph.D., 50; m.: Dvorah Lederer (dec.), Sarah Katzburg; ch.: Esther, Cohen, Nachum, Avraham, Chava & Shimon (from 1st marr.); Zipora Posen, Ayala Dayan, Miriam Buttbul, Rivka Honig; past chairman, des. & devel., H.U.; Standing C'tee,H.U.; mbr: European Phys. Scty, Am. Phys. man, & developm., H.U.; Standing C'tee.H. Scty, Sigma Xi. IUPAP, URSI; Guggenheim Fellow; published over 200 papers in the field of solid state physics, magnetism, Laser Physics, shockwaves & microwaves; books: Paramagnetic Resonance in Solids, 60; recip.: Cressy - Morrison Award, N.Y. Acad. of Sci., 56; Israel Prize in Exact Sciences, 62; Rothschild Prize in Exact Sciences, 63.

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LOWELL, Stanley Herbert; lawyer; J.D.; Vice President, A.J.C.; Chmn: Lawyers UJA; Natl Confer. on Soviet Jewry; Co-Chmn, Lawyers Fed. Jew. Charities; Brd of Govs, UJA; Chmn, C'tee f. Pub. High. Educ., co-Chmn, Isr. 30th Anniv. Parade; partner Lowell & Karassik. law firm; b. 13.4.1919, N.Y.C.; ed.: C.C.N.Y., B.S.S;, 39; Harvard Law Sch., J.D. 42; m. Leona Lebovitz; 3 ch.: Jeffrey D., Darcy I., Lauri J.; Exec. Assist. to Mayor N.Y.C., 54-58; Dep. Mayor, 58; Chmn, N.Y.C. Comm. Human Rights, 60-65; p. Pres., Citiz. Comm. f. Child., N.Y.; Deleg. Democ. Pty Natl Conv., 60,64,68; p. V. Chmn, Natl Jew. Comnty Relat., Adv. cl.; Pres., City Coll., N.Y. Alumni Assn.; recip.: Medal City N.Y., 65; J.F. Kennedy Peace Aw. of Jew. Nalt. Fund, 65; Proskauer Aw., UJA Fed.

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LOWENBERG, Shlomo Helmuth; LL.B.; Judge; b. Hamborn (Germany), June 20, 1919; m. Bessie Michlewitz; 1 s.; 2 d.; educ.: U. of London (LL.B.); Cambridge U.; Gray's Inn, London; Barrister-at-Law, London, 43-46; magistrate, Tel-Aviv, 47-53; District Court Judge, 54-; found. Executive Chmn, Natl Council f. Prevention of Accidents; chmn, Israel Philharmonic Orchestra Association; Chrmn, Israel Tax I., & Isr. Insurance Law Assn; mbr, exec. c'tee A.I.D.A.

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LUBIN, Isador; LL.D.; economist; mbr, Brd of Gvnrs, AJC; Exec. C'tee, JDC; Brd of Dirs, ORT; HIAS; Cnslt, Un. Isr. Appeal Inc., 60-: Twentieth Century Fund, 62-76; p. Adv. Comm., Statistical Policy, Budget Bureau; b. 9.6.1896, Worcester, Mass.; ed.: Clark U., B.A., 16; LL.D., 41; Brookings Inst., Ph.D., 26; m.: Carol Riegelman; ch.: Alice Everitt, Ann Buttenwieser; Mbr, Brd of Trustees, Weizmann Inst. of Sci.; Brandeis U.; New Sch. f. Soc. Res.; Spec. Ass. to Pres. Roosevelt, 41-45; Ass. U.S. Rep., Allied Reparation Comm., 45; US Repr., UN: Econ. & Employment Comm., 46-50; Econ. Soc. Comm., 50-53; Europ. Reconstr. Comm., 46; US Gvt Mbr, Govern. Body, Intl Labor Org., 35-37, 41, 45; US Commissioner, Labor Statistics, 33-46; Indust. Comm., NY State, 55-59; Alternate U.S. Deleg., UN Gen. Assbly, 52-53; UN Confer., Sci. & Technology, 62; Arthur T. Vanderbilt Prof., Public Aff., Rutgers U., 61-62; cnslt on Programs in Isr., U.I.A., 1960; publ., econ. topics & others.

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LUBLINI, Yaacov; industrialist; Mng. Dir., Witco Chem. Ltd., 69-; b. 29.6.1913, Bialystock, Poland; to Israel, 1933; ed.: Hebrew Gymn., Bialystock, 31; Technion Haifa, Civil Eng., 31-36; Indust. Management, 53-54; m. Nechama Kremer; 2 sons: Ehud, Avraham; 1 daughter, Nava Zehavi; serv.: Jew. Settle. Police, 36-43; Hagana, 43-48; Zahal, 48-49, Command. of Haifa District (ret. Lt. Colonel); Mng. Dir., Vulcan Foundries, 50-53; mbr., Israel Management Assn. & Labour Party.

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LUBRANI, Uri; Dir., Koor Industries Management Board, in charge of Joint Enterprises and Projects abroad, 71-; b. Haifa, 7.10.1926; ed.: grad. Reali, Haifa, 44; London U., B.A. (hon.); m. Sara Levi; ch.: Talia, Osnat, Dorit, Nily; Hagana & IDF, 44-48; Middle Eastern Div., Frgn Min., 50; priv. secr. to late Frgn Min. Sharet, 51-53; London, 53-56; P.M's Advisor on Arab Affairs, 57-61; Assist. Dir. Gen., P.M's Office, 63; Pol. Secr. & Dir. of P.M's Private Office, 63-65; Ambassador: to Uganda, 65-68; to Ethiopia, 68-71.

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LUCAS, Eric; dir. Israel Offices: Zion. Fed. of Gt. Britain & North. Ireland & Zion. Fed. of Australia & New Zealand; mng. dir., British Olim Scty Ltd.; b. 12.5. 1915, Aachen, Germany; to Israel, 1945; ed.: "Yavneh" Gymn., Cologne; Inst. of High. Jew. Learn., Berlin (Judaica & Jew. History); m.: Esther Trilling; 2 s.: Jonathan, Samuel; p. chmn, "Moadon Haoleh", Tel-Aviv; p. mbr, Public Advis. Body f. Customs & Excise; mbr: Isr.-British Friendship League; Anglo-Isr. Chamber of Commerce; articles in: "Jerusalem Post"; "Jewish Observer", Gt. Britain; recip. Ot Haaganah.

13 David Marcus St., Herzliya Pituach.

LUCAS, Stanley Jerome; physician; pract. of Radiology, Jew. Hosp., Cincinnati; b. Cincinnati, 23.3.1929; ed.: Cincin. U.; B.S., 45-47; M.D., 47-51 Intern-Resid.; Radiol., 51-53,55-57, Cincin. Gl. Hosp.; certif. Am. Brd. Radiol., 57; elect. fllw Am. Coll. Radiol., 77; m. Judith Esther Schulzinger; ch.: Barbara-Ellen, Daniel-Nathan, Betsy-Diane, Marvin-Howard, Ronna-Sue; Secr., Am. Friends of the World Bible Center, Jer.; mbr.: Cincin. Acad. Med. (Pres., 76-77);

Cincin. Radiol. Scty (Pres., 67); Am. Med. Assn; Am. Coll. Radiol.; Jew. Hosp. Med. Staff, secr., 73-75; Phi Delta Epsilon Med. Frat., Alumni Adv.; Adath Israel Synag. Trust., 71-74; B'nai B'rith, Hadassah Assn, A.J.C., Jew. Welfare Brd; affil. w. fund rais. f. Jew. Fed. of Cincin. f. over 25 years; publ.: Cincin. radiol. Heritage, Ohio State Med. Journal, 67; Cincin. Journ. of Med., 75; recip.: PHI ETA SIGMA hon. PHI BETTA KAPPA hon.

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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, Of Trees and Stones, The Bat, 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; Bialik prize, 74; 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 Beton 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.

MEHULAL, Arie; Mng. Dir., Chamber of Commerce & Industry, Haifa, 59- (assist. secr., 49-59); Dir., Israel Shiippers' 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.
7 Ehud Street, 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., Motel Zefat Hotel, Mt. Canaan, 71-; 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; Mng. Dir., 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; spec.: vocat. counsel. and guidance; 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; 5 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; Prime Minister of Israel, 69-74; p. M.K.; p. Sec. Gen. of Labor Pty; b. Kiev, 3.5.1898; to USA, 1906; w.; 1 d.; 1 s.; ed.: Teachers' Seminary Milwaukee (USA); did war relief work during W.W. I; to Israel, 1921; agricult. 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.
Ramat Aviv, Tel-Aviv.

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, 3 s.; 1 d.; mbr: Kibbutz Nachshon; "Acum"; Isr. Cl. f. Cult & Art; 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. ch., 70; "Ani Ohev Letzaier", poetry f. ch. (Zeev Prize of Min. of Educ. & Rabinovitz Prize of Oranim Seminary), 72; "Hayoman Sheli", 72; "Maaseh Shehaia - Kach Haia", f. ch., 75; Hamassa Hamufla shel Hantush (w. (Yftach Allon), 77; Hatzav shel Oren, 77; Alina ve Ilana, 77.
Kibbutz Nachshon, M.P. Shimshon.

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.

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, (fell in Sinai, Yom Kippur War, 73), Ghil; p. teacher in Math., & principal secondary sch., Luboml, USSR, 40-41; enrollment Red Army, assignments in petrolif. indust., 41-47; res. assoc., math. statistics, Ukrain. Sci. Acad., Lvov, 47-51; assist. & Dozent of Math., Polytechn. Institute, Lvov, 50-57; to Israel, via Poland, 1958; w. the I. of Fibres & Forest. Products, 58-72; res. fllw, snr lctr, H.U. Jer., 58-68; publ. var. res. works in the theory of Probability, etc.
14 Kaf-Tet b'November St., Jerusalem; tel. 02-39526.

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, Archi-

ves 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.

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MELBER, Jehuda; Ph.D.; Rabbi, Briarwood Jew. Center, NY, 60-; mbr: Rabbin. Coun. of Am.; NY Brd of Rabbis; b. 5.3.16, 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, Arne; Mbr of Parliament, 73-; Chmn, Danish Zion. Fed.; b. Copenhagen, 22.10.1924; son of the late Chief-Rabbi in Copenhagen, Dr. Marcus Melchior & brother of the present Chief-Rabbi, Bent Melchior; m. Nina Hellwig-Schoenthal; mbr: Cl. Jew. Commty & Brd, Chewra Kadisha; V. Chmn, C'tee f. Cult. Affs; brd mbr of sev. orgs, Danish textil bus., tour. org., etc.; Pres. Scandinav. Jew. Youth Fed. & other Jew. orgs; co-author of books in Danish about fashion, textile & about Israel; columnist to many newspapers.

5, Romersgade, 1362 Copenhagen K., Denmark.

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.

MENCZEL, Jacob; M.D.; Director Gen., Ministry of Health; Professor of Medicine, Hebrew University Hadassah Medical School, Jerusalem; 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., Chmn: Dept. of Med. & Res. Lab. Hadassah U. Mount Scopus Hosp.; Brd of Isr. Scty of Gerontol.; mbr Isr. 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., 63; Res. Staff of Brookdalte Inst.; 73-74; 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.

30, Tchernichovsky St., Jerusalem, Tel. 30613.

MENDELSON, Avigdor; C.E. Mng Dir., Eisenberg Export Co. Ltd., 70-; p. Dir Gen., Water Resources Development (International) Ltd.; b. Jerusalem, 1927; educ.: Technion, Haifa; w. Mekorot, Water Co., in charge of all tunnels for the main water carrier of the country; in Nigeria, 3 years, as Representative of W.R.D. f. Western Africa; concom., Mng Dir., Nigerian Water Resources Development, Ltd.

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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.

101, Yossefthal St., Ramat Yossef, Bat-Yam; Tel. 862336.

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.

27 Reading St., Ramat Aviv, Tel-Aviv; tel. 418408.

MENDELSSOHN, Heinrich; Prof. of Zoology, Dpt. of Zool., Tel-Aviv U.; b. 31.10.1910, Berlin (genealogy: Moses Mendelssohn & Rabbi Moshe Isserles from Cracow); to Israel, 1933; ed.: Real Schule, Berlin, 16-28; Humboldt U., Berlin, 28-33; H.U. Jer. — M.A., 35; Ph.D., 40; res. assist., Prof. Bodenheimer, H.U. Jer., 34-35; m.: Tamar Pressman; active in Zion. Youth Movt. (Tchelet-Lavan, Kadimah) & Zion. students, 22-33; zoologist, Biol.-Pedag. Inst., Tel-Aviv, 35-47 (dir. 47-53); Dean, U. Inst. of Natural Sci., Tel-Aviv Munic. (head, Dpt. of Zool.), 53-56; Tel-Aviv U. — head, Dpt. of Zool., 56-66; Dean, Fcty of Natur. Sci., 56-59, 63-66; repr. Isr. in intl orgs; chmn, c'tee f. nature reserves, intl biol. program, 67-70; mbr, Exec. of Nature Reserves Auth. in Isr., 65-; chmn, Fauna c'tee, Isr. Acad of Sci., 66-; recip.: Weizmann Prize by Tel-Aviv Munic., 71; Israel Prize, 73.

11 Oded St., Tel-Aviv; tel. 746732.

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; 1 s., Neel; advanced studies in the USA; UNO correspondent 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; Alaska & Arctic Ocean, 75; The Antilles Islands, 76; 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.

171 Hayarkon St., Tel-Aviv; tel. 226121.

MERCHAVIA, Chen M.; historian; Dir., Merchavia Inst. f. hist. res.; b. Bialystok, 2.7.1910; to Israel, 1930; ed.: M.A., Ph.D.; H.U. Jer.; law courses; m. Guta Brumberg; edit. "Bialystok Book"; publ. in sci. press about relations between Jews & Christ.; books on hist. issues: Talmud reflect. in Christ.; educat. organiz.; polit. & publ. probl. translations; edit. of periodic. & books; Dir., Brd of Heb. High Sch., Jer. 62-74; p. mbr Betar command., Poland; p. edit. "Mishmar Hayarden", "Massuoth", etc.; recip. David Yellin Prize (f. education).

16 Marcus St., Jerusalem.

MERETZ, David Paul; Dr. Jur.; b. CSR, 26.12.1894; to Israel, 1939; ed.: Prague & Vienna U'ties; resigned; widower; s.: Uri, Michael; dep. chmn, Court of Zion Cong.; brd mbr Bank Adanim, Tel Aviv; 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.

52 Beth Lechem Road, Beth Horin, Jerusalem.

MERIDOR, Jacob; Mbr, Brd of Dirs, Atlantic Fisheries & Shipping Co. Ltd; found. & Chmn, Board of Dir., "Maritime Fruit Carriers Ltd..", Haifa; b. Poland, 1 Sept. 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.

36, Beeri St., Tel-Aviv.

Meron, Segall Moshe L.; Advocate; M. K., Likud-Liiberals, 77- (Dep. Speaker of the Knesseth; mbr, Steering, Econ. and Ed. C'tees); mbr, Munic. Cl., Ramat-Gan, 67- (Dep. Mayor, 69-77); mbr, Exec. C. Liberal Pty; b. Germany, 22 March 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.

16 Yonah St., Ramat-Gan.

MERON, Theodor; Ambassador to Canada, 71-'75; Visit. Prof. of Intl Law: U. of Ottawa, 73-75; New York U., 75-76; Rockefeller Fndn & Spec. Fllw of UNITAR, 75-76; Ambassador to the UN at Geneva, 77; resigned from the Foreign Service, 77; Visit. Prof. of Law, Hebrew U., 77-78; Prof. of Law, New York U., 77-; p. Legal Adviser MFA, 67-71; born 28 April 1930; educ.: M.J. Hebrew U., (Law); LL.M., S.J.D., Harvard U.; Dip. in Publ. Intl.Law Cambridge U.; to Israel, 1946; m. R. Abramovici; ch.: D. 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: "Investment Insurance in International Law", Oceana, 76; "The United Nations Secretariat: The Rules and the Practice", Lexington Books, 77; articles on intl law & org.

23 Rabbi Berlin St., Jerusalem.

MEROZ, Yohanan; Ambassador to the Federal Republic of Germany, 74-; Assist. Dir. Gen. (Europe) M.F.A., 68-74; Min. Plenip., Paris, 63-68; past Pol. Secretary, Head Office, Ministry of Foreign Aff.; 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.

Embassy of Israel, Bonn.

MERSKEY, Harold; M.A., M.D., M.R.C.P., F.R.C. Psych., F.F.C.P. (c), D.P.M.; Prof. of Psych., U. Western, Ontario; b. 11 February 1929, Sunderland, England;

ed.: Exeter Coll., Oxford; U. Coll, Hosp. London; m.: Susan Jennifer Crann; Hosp., London; m.: Susan Jennifer Crann; ch.: Helen Sarah, Ruth Elizabeth, Alan Bernard; p. Pres., Oxford U. Jew. Scty; mbr of WZO; p. mbr, Habonim; publ.: Psychiatric Illness (Textbook); Pain: Psychol. & Psychiatric Aspects; numerous prof. articles on pain & on various aspects of psych.
London Psychiatric Hospital, 850 Highbury Ave., London, Ontario N6A 4 H 1, Canada.

MESCHELOFF, Moses; Rabbi, Cngrn Knesseth Israel, W. Rogers Park; mbr, Brd of Dirs, Chicago Confer., Race & Rel.; Chicago Jew. Un. Fund; Cl. f. Jew. elderly; North Town Community Cl.; Exec. Comm., Chicago Brd of Rabbis; Chicago Rabbin. Cl.; b. 12.6.1909, NYC; ed.: NYC Coll., B.A.; R.I. Elchanan Theol. Smnry, Rabbi; Yeshiva U.; m.: Magda Schonfeld; ch.: Renah Bell, Rabbi Efraim, Rabbi Dr. David; p. Pres.: Chicago Rel. Zion. C.; Chicago Brd of Rabbis; Chicago Rabbin. Cl.; South Florida JNF; Miami Beach Mizrachi; Gr. Miami Rabbin. Assn; p. vice-press., Rabbin. Cl. of Am.; lctr, T.V. Prog.; publ.: The Parting of Ways; Right Before The King; The Covenant of Abraham in the Priest's Office (2 works).
2800 W. North Shore Ave, Chicago, Ill. 60645, USA.

MESHEL, Yerucham; labour exc., Histadrut leader; Acting Gen. Secretary, Histadrut; Chmn, Soc. Security Centre; Head, Trade Unions Dpt. of the Histadrut (47-69); member, Histadrut Secretariat & Mapai Centr. Comm.; b. in Pinsk, 24.11.12; to Israel, 1933; ed.: high school, youth mov. & Hehalutz; m. Rahel Frank; s. Meir; d. Zehava; started as agric. worker, construction worker; in charge with labor in British Army camps in Palestine; head, Metal Workers Union (43-47); head, Factory Workers dpt. (47-61); & mbr. Trade Union dpt.; publ.: "Labor Mov. in Britain, France and Switzerland" (1960); "Histadrut Wage Policy For 1963" (do. f. the years 64-69); "The Trade Union Before New Challenges", 65; "Wage Policies-summing-up & forecasts", 69; "The Histadrut & the Economy-mutual influences", 70; "Changes in Labour Relations", 70; "Social Security in a Dynamic Society", 70.
16 Sanhedrin St., Shikun Bavly, Tel-Aviv.

MESSER, Oded; Examiner of Banks (Bank of Israel); Managing Director of Industrial Companies, -74; p. Managing Dir. (-70), "Arad" Chim. Ind.; p.Dir. Gen., 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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METZGER, Gershon; chemist; Dep. Dir. f. Res. Funds, Natl Cl. f. Res. & Devel., P.M.'s Off; b. 25.6.1935, New York City; to Israel, 1964; ed.: Yeshiva U., B.A., 55; Columbia U. — M.A., 56; Ph.D., 59; m. Miriam Resnikoff; 8 ch. p. Pres.: Agudat Anshei Mada Shomrei Torah b'Yisrael; Yeshurun Scty, Columbia U.; chem. res.: High Pressure, High Temperature Chem. Reactions, Lubricant additives, Fuel cells, Electrochem., catalysts, etc. — incl. var. patents & publ.; recip. awards f. excell. in Chem. & Heb., Yeshiva U., 55.
Bayit VeGan 95, Jerusalem.

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.
17 Hamaavak St., Givatayim; tel. 748624.

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1 Hahistadruth St., Lod; P.O.B. 516; tel. 962504.

NAAMAN (NEUMANN-ROTH), Edith; journalist; reporter & columnist, "Jediot Aharonot", 62-; b. Florence, Italy, 3.11. 1934; to Israel, 1939; ed.: elem & HS; Tel-Aviv U. (law), 3 years; m. Shlomo Naaman; 2 sons: Ghil., Aviv; 1 d., Shira; p. reporter, editor of the Woman's Page & lit. critic, "Haboker"; mention of honour, Reichenstein Prize, 1970.

13 Hamesilah St., Herzliya B.

NADICH, Judah; Rabbi; p. Pres.: Rab. Assbly; Assn of Jew. Chaplains of Armed Forces; p. pres. Jewish Book Cl. of America; Chm, Commission on Jew. Chaplains; b. Baltimore, Md., 13.5.1912; educ.: Coll. of City of New York, B.A. (Phi Beta Kappa hon.); Columbia University, M.A.; Jew. Theol. Smnry, ordained Rabbi, M. H.L., D.H.L. & D.D. (honoris causa); m. Martha Hadassa Ribalow; d.: Leah, Shira, Nahma; rabbi, Park Avenue Syn., N.Y., 57-; chaplain, US Army, 42-46; rank of lt. col., advisor to Gen. Eisenhower on Jew. Affairs, 45; foll. World War 2, toured on behalf of UJA in 40 states, USA; on behalf of JDC in S.A. & Rhodesia; brd mbr: J.T.S., the 92nd St. "Y", Natl Jew. Wlf Brd, Intl Syn. at Kennedy Airport, Comm. on Jewish Chplncy, Joint Comm. on Jewish Education, Natl Ramah Comm., Rabbinical Advisory Cl. of UJA; repr. the Rabbinical Assbly in the Conference of Major Jew. Orgs. & Admin. C'tee, Am. Sctn of WJC; publ.: Eisenhower & the Jews; Yom Kippur; edit. & transl., The Flowering of Modern Hebrew Literature by Menachem Ribalow; edit.: Al Halakha v'Agada; contrib. to: Encyclopaedia Judaica, A Minute of Prayer, Treasured Volume of Prayers, Hadoar, Congress Weekly, American Zionist, Reconstructionist, Journal of Jewish Social Studies; mbr, editorial advisory board of the Jewish Book Annual; recip.: O.B.E. Croix de Guerre, 44; Battle Star, European Service Medal, 45; Isr. "Aleh" (Ittur Lohamei Israel).

993, Park Ave., New York, N.Y., USA.

NAHOR, Hananya; General Manager, Raphael Mitzpe Ramon Ltd.; b. 8.11.1921, Vienna; to Israel, 1938; ed.: Heb. Gymn., Z.P. Hayot, Vienna, 31-38; T.L.M. Bus. Admin. Course, Tel-Aviv U., 71-72; m. Tova; 4 ch.; p. treas., Kibbutz Lehavot Habashan; p. Mng., Lehavot Sheet Metal Works; p. co-Mng., Kibbutz Industries Assoc.

Kibbutz Lehavot Habashan, D.N. Galil Elyon 12125.

NAJAR, Amiel Emile; Israel Ambassador to Italy & Malta; b. Egypt, 1912; m. Aviva Weisman; educ.: Licencie en Droit de la Faculte de Droit, Paris; Diplome d'Etudes Superieures de Droit Public et d'Economie Politique; President, Zionist Federation of Egypt, 43-47; de-

legate, Zionist Conference, London, 45, Zionist Congress, Basel, 46: to Israel, 47; Dir., Western European Div., M.F.A., 52-57; observer at Suez Conference. London, 56; Assist. Dir. Gen., MFA, 57-58; Minister in Japan, 58-60; Ambassador in Belgium & Luxembourg; head, Israel Mission to EEC and other European Communities, 61-68; mbr., Israel Delegation to UN 48, 51-53, 55-57, 61, 64, 67, 70; in present position, 68- (Ambass. to Malta, -71).

Israel Embassy, Rome.

NAJENSON, Theodore; Assoc. Prof. in Rehabilitation, Tel-Aviv U. Med. Sch.; Head, Rehabilitation sctn, Tel-Aviv Univ.; Dir of Rehab., Loewenstien Hosp.; Dir of Electromyographic Dpt., Beilinson Hosp., 65-; b. Buenos Aires, 11.11.1920; to Israel, 1951; ed.: Buenos Aires U., Fcty of Med., M.D. 46; d.: Talma, Dina, Devora; sci. secr., Assn. f. Chronic Diseases, 64-; mbr: Med. Cl. of Kupat Holim (chmn, comm. f. chronic diseases & rehab.); Mngmnt., Sch. of Occupat. Therapy, Jer.; Assn f. Phys. Med. & Rheum.; N.Y. Acad. of Sci.; Am. Scty of Paraplegia; Scty of Paraplegia, Gt. Britain; cnslt, Intl Assn of Occupational Therapists (center in Denmark); lctr on neurology, Physiotherapy Sch., Kupat Holim & Wingate Inst.; publ.: several research papers in his field (jointly with other authors) in specialised periodicals.

5 Dov Hos St., Kfar Saba; tel. 923210.

NAKDIMON, Shlomo; journalist; Advis. to P.M. Menahem Begin, 78-; p. political commentator, "Yedioth Aharonoth"; b. Haifa, 1936; m. Zahava Shorshi; 2 s.: Yisgav, Yaniv; res. & reviews of import. polit. events; fndr, B.B. Lodges "Jabotinsky" & "Achshav"; publ. 2 books: "Liqrat Sheat Ha'efes" (Toward the Zero Hour) on the three weeks preceding the Six Day War and the establishment of the Natl Unity Govt., based on unpubl. documents; "Acharay" (Follow Me), on five Zahal commanders in Six Day War and War of Attrition.

16 Hapardess St., Tel-Aviv; Tel. 229877.

NAOR, Mordechay; M.A.; Director Gen., "Galey Zahal"; Chief Editor, "Bamahane Nahal" & "Bamahane Gadna", 61-71; b. Tel-Aviv, 19.8.1934; ed.: H. U., Jerus.; m. Leah Mishkovsky: 2 d.; 1 s.; editor, "Bamaale", 1960-1961; author of: "Youth Movements in Israel and in the World" (w. the late M. Rotenberg), 62; "Al Hagova'", 1965; "Hashevach La'hem", 1969; "Hamilchama Le'achar Hamilchama", 73; "Hakrav Bisderat Hazabarim", 71; "Hahevre Hatovim Hozrim", 74; "Lema'ala, Al Hamigdal" 77; edit.: Lehakat Hanahal Shara", 63; "Yemei Juni" (w. Zeev Aner), 67; "Album Hanahal", 71; "Yemei October" (w. Zeev Aner), 74.

51, Atzmaut St., Herzlia; Tel. 983364.

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.
10 Herzog St., Givatayim; tel. 741728.

NARDI (Schwartz), Shulamit; Assist. to the President of Israel, 63-; instr. (English lit. & Contemp. Jewry), H.U.,b.Bklyn 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, Israeli Delegation to U.N. Assembly, 1961, 62; mbr, Executive, Israeli Acad. C'tee, Youth Village of Meier Shfeyah; pres., Am. Jun. Hadassah, 31-33; edit., Hadassah Mag., 40-43; p. Dir. Publ., Am. Zion. Emer. Cl. N.Y., 43-51; 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; Professor of Electr. Eng., 65- (now unemployed); 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, 46-48, 53-70; Visit. Fllw & Acad. Visit., Sussex Univ. & Imperial Coll., London, 67-68; Visit. Prof., U. of Rochester, USA, 69-70; Prof. Emer., Technion Haifa, 76-; publ. about 50 techn. & sci. papers; many patents
7 Tel-Hai St., Jerusalem; tel. 02-31689.

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; taught in: H.U. Hadassah Med. Sch., 52-56; Technion Haifa (bio-med. eng.sci.);

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.; New-York University School of Medicine; 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; 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; Pan-American 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 C'tee on Cadavers of Medical Educ., 75; 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).

10 Keren Hayesod St., Herzlia Pituach.

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; Trustee: C'tee f.Econ. Devel., Asia Scty, 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.

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.

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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, Itzhak; President of the State of Israel, 78-; p. M.K., p. Chairman : Knesseth Committee on Foreign Affairs and Defence; Wrld Zionist Council; born in 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.

President's House, Jerusalem.

NEAMAN, Avraham (Emil); Dr. (Econ.); economist; C.P.A. Isr.: Intrn. Controller, Isr. Corp. Ltd., 75-; p. Mng. Dir., Industrial Development Bank of Israel Ltd., 61-; p. Accountant General, Govt of Israel, 49-61; b. Budapest, 1907; m. E. Sabinsky; 2 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, Geneve & "Ort" Israel; chmn, Israel-Canada Chamber of Commerce; chmn, Isr.-Swiss Friendship League; chmn, Exec. Comm. Habima Natl Theatre; "Officer of the Court", Belgium.
16 Yair St., Ramat-Gan; tel. 747732.
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NEAMAN, Samuel; Executive (Ret.); Chmn: Israel Development Corp; Coral World (V.I.); Mbr Brd of Dirs: Bank Hapoalim BM; Ampal Corp; Clal (Israel) Ltd.; Presid.: American Israel Chamber of Commerce; Am. Technion Scty; p. Chmn, Gt. N.Y. C'tee of Isr. Bonds; b. Israel; educ.: Mikveh Israel Agrici Sch.; m. Cecilia; p. Chmn, McCrory Corp., involved in constr. of Sheraton Hotel, T.A.; fndr. Albert Einstein Coll., p. Dir.: Am. Friends, H.U.; Natl C'tee of Holy Land Conservation Fund; New York Fund, Natl Jew. Hosp. in Denver; originator & developer of Samuel Neaman Inst. f. Advanced Studies in Sci. & Technol. at Technion; Aw.: Gold Medal of Jew. War Vets. in USA; Man of Achievement Anti-Defamation League;; Ste Wise Award Am. Jewish Congress, Alb. Einstein Award American Technion Society; etc.
Excelsior — Apt. 43-G, 303 East 57th St., New York, N.Y. 10019, USA.

NEBENZAHL, Itzhak Ernst; Dr. jur.; State Comptroller & Public Complaints Comm. (Ombudsman) of Isr., 61-; reapp. 2, 3 & 4 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. 1937; 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); mbr, Comm. of Enquiry Yom Kippur War, 73-'75; Chmn, Progr. C'tee, UN/INTOSAI Interreg. Sem. on Govt. Auditing, Austria, 71,73,76; p. chmn & mbr, Brd Intl Secr. INTOSAI (Intl Org. of Supreme Audit Inst.); V. Chmn, Intl Ombudsman Steering C'tee & designated Pres., 2nd Intl Ombudsman Confer., Jer., stud. on Civ. Law & papers on legal, econ. subjects, etc.
Jerusalem.

NE'EMAN, Gideon M.; Mng. Ahsakot-Invest Co. & subsid. of Hassneh Insur. Co., 75-; mbr, Brd of Dirs, Natl Insurance Off. Ltd. 75-; Kadimah-Insurances, 77-; Manager of "Davar" daily, 65-75; past 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. of Physics (p. Pres.), Tel-Aviv U.; p. Spec. Adviser to P.M. & p. Snr Advis. to Min. of Defence; p. Chief Sci., Min. of Def.; Hon. Life Mbr, N.Y. Acad. of Sci., 73-; Frgn Assoc., Natl Acad. of Sci., US, 72-; born in Tel-Aviv, 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- (in charge of estabi. Cl. f. Techn. Sci., 69-71); Chmn, Res. Subc'tee, Isr. AEC, 68-; Mbr, Long Range Plann. Adv. C'tee, Min .of Defence, 68'-'; Dir., C'tee of Assn f. the Adv. of Science, 69-75; partic. at Yom Kippur War, 73; Chmn, Natl C'tee f. Solar & Terr. Phys., 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; D. Sc. Hon. Causa, Yeshiva U, N.Y. 72; Wolfson Dist. Chair of Theor. Physics, Tel-Aviv U., 77; Chmn: Isr. Natl Comm. f. High Energy Phys., 72-; Natl C'tee f. Absorption of Scientists, 72-75; Pres., Isr. Bur. of Standards Brd 72-76; mbr, Edit. Brd. Progress in Sci. Culture, Geneva, 75; repres. Isr. Natl Acad. of Sci. in Org. C'tee of 1977 COSPAR Confer.
Tel-Aviv U.

NEHER, André; Rabbi; Prof. Em., 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; teacher, schools in Sarrebourg, Strasbourg, 36-40, 44-48 (expelled by the Vichy Gvt., 40-44); to Israel 1970, Honorary Chairman : 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, 18 other books of phil. & theol. content; contrib. to: Encyclopaedia Judaica, Haentsyklopedia Haivrit, Encyclopédie Française, Encyclopaedia Universalis, etc.

6 Alkalay St., Jerusalem; tel. 65873.

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.

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NETANYAHU, Benzion; M.A.; Ph.D.; editor, author; Prof. of Hebraic Studies, U. of Denver, 68-71; Prof. of Judaic Studies, Cornell U., 71-; Chmn Dpt of Semitic Lang. & Lit., 71-75; historian & educator; Prof. of Medieval Jew. Hist. and Heb. Liter., Dropsie Coll., 57-68; editor-in-chief, Encycl. Hebr., 48-62; gen. ed., "World History of Jewish People", vol. I, 64; co-edit., Jew. 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 & Philosopher, 53 (2nd & 3rd ed.); "The Marranos According to the Hebrew Sources", 63; "The Marranos of Spain", 66 (2nd enlarged ed., 73); "The Composition Dates of "Hakana & Hapelia" (Heb.), 74; "Alonso de Espina - Was He a New Christian?", 75; Fllw & Exec. mbr, Am. Academy f. Jew. 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; 30 Uptown Village, Ithaca, N.Y. 14850, USA.

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.

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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-) & Gen. Secr., Ihud Hakibbutzim, 58-62; Dep. Secr., Haavoda Pty, 74; Snr Official, Min. of Defence, 75-.

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NOY, Mordechai; administrator (ret.); b. 29.12.1905, Frankfurt; to Israel, 1933; ed.: Frankfurt U.; lawyer; found. & chmn, Ohel Jakob Kindergartens Assn; m. Jehudith Rosenheim; d.: Michal Goldberg; chmn, ANAT - Assn f. victims of traffic accidents; vice-pres., Chevra Kadisha, Jer.; active in wlfr and volunt. assns; p. pres., Hagana Lodge, B'nai B'rith; banking, publ. admin. in govt. of Palestine & Isr.; Training publ. servants; publ. in field of publ. admin.; p. edit. "Saad" on soc. wlfare.
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NULMAN, Shlomo Seymour; Rabbi; educator; author; communal leader; born 6.9.1921, Newark, N.J.; educ.: 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; Bellevue Hospital, N.Y.C.; Beekman Hosp., N.Y.C.; New York City Housing Authority; 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.; Judge, Jew. Conciliat. Brd of Am.; mbr: N.Y.C. Health Systems; Interfaith Chapplancy Serv., N.Y.C., Natl Assn of Elem. Sch. Principales; N.Y.C. Health Plann. Brd.; White House Confer. on Child., 70; edit. "The Monthly Letter", 60; spon. and sup., "P'eylim" — Torah Sch. Found. in Israel and Eur., 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; Serv. Aw., N.Y.C. Gouv. Hosp. Plan. Brd, 72-73; Talmud Aw., UOJC Chevra Shass, 73; Chaplain. Aw, Chpln Sch. N.Y. Brd of Rabbis, 74; Cert. of Hon., Jewish Conciliat. Brd of Am., 75.

268 E. Broadway, N.Y., NY; Study: 313 Henry St., New York, USA.

NUSSEN, Abraham; Mng. Dir. & Mbr of Brd, Helena Rubinstein Ltd.; b. 1928, Rumania; to Israel, 1948; ed.: Public Acct. & Auditing; m. Ilana Friedman; 1 s., Moshe; 1 d., Netta; p. Admin. Dir., Revlon Ltd., Ashdod; p. mbr, Exec. C'tee, Advertis. Assn of Isr.; now: Head, Isr. Cosmetic Indust. at Manufact. Assn; mbr: Exec. C'tee, Haifa Manuf. Assn; "Carmel" Rotary Club (Pres., 74-75); Isr. Mngmnt Center.

94, Ben-Gurion Blv., Tel-Aviv; tel. 240256.

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.

O

OFEK, Isaac; Pres., Olimpic C'tee of Isr., 77-; Secr. Gen., "Hapoel" Sport Assn, 76-; b. 1931, Haifa; ed.: grad. Isr. Nautical Coll., Technion Haifa; serv. in the Navy & the Merchant Navy, 48-52; active sportsman in swimming & sailing (found. of sailing as sport in Isr., 53); Chmn: org. c'tee f. 420 class wld championship in Tel-Aviv, 70; Yachting C'tee, Sports Fed. of Isr., 69-70; Pres., Sports Fed. of Isr., 71-75; mbr: Intl Maccabiah Games Committee (I.M.G.C.); Exec. C'tee, Gen. Fed. of Labour in Isr.; publ.: articles on "Hapoel" Sport Assn, essays on sport & phys. ed.

8 Ha'arbaa St., P.O.B. 7170, Tel-Aviv; tel. 260181.

OFEK, Uriel; Ph.D., M.A.; author; scholar; lctr, editor "Davar L'yeladim", 67-75 b. T.A.,June 30, 1926; m. Bina Dellman; 2 d.; educ.: Hebrew U.; U. of Toronto (research studies); mbr, Council of Hebrew Authors' Org., Intl. Fed. of Journalists; Intl Brd of Books f. Young People; author of: children's plays and poems; Encyclopaedia of Children's Literature; History of Heb. Children's Literatures; scripts for movies and television; essays and articles in Israeli and American periodicals; translator of many books; lectr on children's litedan Prize; Ze'ev Prize; Andersen Certif. of Honor.

18 Ha'Eshel St., Nof Yam; tel. 932419.

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.

OFFEN, Yehuda; writer; editor, "Al Hamishmar", 61-; b. Altona, 4.4.1922; to Israel, 1939; ed.: B.A. Gen. London U., 75; M.A. (Comparat.Lit.),H.U. Jer., 77; 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") & 76-77 (f. „Tahana be'Tanga"- a collect. of short stories).

8 Gazit St., Tel-Aviv; tel. 476656.

OFRY, Dan; journalist; author; snr news-editor & pol. comentator of "Uj Kelet" daily, Tel-Aviv 52-; Edit. Head of "Menora"-Can Jewish weekly in Isr. & M.E. 65- b. Budapest, 20 November 1929; to Israel, 1949; ed.: H. U., Fcty of Soc. Sci., B.Sc., 60; m. Dr. Veronica Feiler; 3 ch.: Shai, Amy, Liora; Exec.Pres. "Bnei Herzl", Org. of Hungarian Jews in Isr.; p. news editor of Hungarian broadcasts in "Kol Israel"; p. w. "Yedioth Achronot" daily; books; Israel's Victorious Six Days, 67; The Hero of a Nation (Moshe Dayan), 68; Twenty Years Israel, 68; The Yom Kippur War, 74; recip. award: Herzl Prize f. Journalism, 68.

113 Yehuda Hamaccabi St., Tel-Aviv; tel. 455825.

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 - Chalutza.

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) ; Tha Art of Printing (four Centuries of Printing in Eretz-Israel); contrib. to: Hapoel Hatzair, Davar, Davar Hashavua, Hador, Maariv.
1 Zunz St., Tel-Aviv; tel. 831008.

OLMERT, Ehud; Member of Knesseth (Likud), 3, 77-; mbr, La'Am Movt.; mbr of Parliam. C'tees: Fin., Educ., Sport, Security Budget; p. spokesman and mbr 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; 8 d.: Michal, Dana; 1 s. Shaul; exposed organized crime & extortion rackets in Isr., overseas trips on behalf of Frgn Ministry & U.J.A. to USA, England, Holland, Far-East, Australia New-Zealand.
26 Habanay St., Beit-Hakerem, Jerusalem; tel. 02-523889.

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"; publ. 15 collections of poems & songs main f. children.
Ganei-Am, Hod Hasharon; tel. 052-27068.

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; Pres., Philip Opher and Associates Inc.; born 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.
340 East 51st St., New York, NY 10022, USA.

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 Jew. Philantrophies; 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, Jeannette; dancer; Artistic Dir., Bat-Dor Dance Comp. & Dir., Bat-Dor Studios of Dance; born 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.; choreog. two works Bat-Dor; many roles creat. f. her by intl choreog.; recip. the highest praise in many countries.

30 Ibn Gvirol St., Tel-Aviv; tel. 263175.

OREN, Isac; M.F.O. Chairman of the Board and Managing Director of 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.

10, Danin St., Tel-Aviv; Tel. 441711.

OREN, Mordekhai; Coment., "Al Hamishmar" (daily)'; mbr, Central C'tee & Polit. Bureau, Mapam; b. 16.3.1905, Poland; m. Rega Warshaviak; 1 d.; 1 s.; mbr, Central Com., Wld Hashomer Hatzair, 27; to. Israel, 1929; mbr, Cent. C'tee, Histad. Pres., Vaad Leumi, 46; Central C'tee, Mapam & Exec., W.J.C., 48; var. polit. missions (on behalf of Mapam Histadrut or "Al Hamishmar") to Europe, USA and S. Am., 45-77; prisoner in Prague, 51-56; published "Prague Prisoner", 1968; Secretary, World Union Mapam, 60-64.

Kibbutz Mizra.

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.

10, Vradim St., Mount Carmel, Haifa; Tel. 83659.

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; "Challenges', 72; "The Moutain and the Mouse". 72; „A Voyage around the Axis", 77; edit. Encycl. Judaica in Russian; edit., State Comptroller's Publications.

68a, Tschernihovsky St., Jerusalem; Tel. 34996.

OREN EINHORN, Aharon; High Sch. Princip.; chem. teacher; b. Toronto, 13.8. 1919; to Israel: 1946; ed.: B.Sc, Wayne U., Detroit, 42; "Oranim", Kibbutz Ed. Semn., 60-61; Technion, Haifa, 69-70; m. Sara; 1 s., 1 d.; princip., "Tabor" distr. High Sch., Kibbutz Ein-Dor; active, Hashomer Hatzair & Hechalutz N.A., 40-46; agric. worker 46-54; var. positions, Kibbutz Artzi Fed.; articles on chem. educ., "Chemical Bond" Journ. of Weizmann Instit.; recip.: De Shalit aw. in Sch. teaching, Weizmann Inst., 77; H. Szold citat., Assn of Amer. & Canad. in Israel; educ. shaliach Zion. Mouvm., N. America, 57-60.

Kibbutz Ein Dor 19335, M.P. Yezreel; tel. 067-67661.

ORGLER, Yair E.; Professor, Recanati Graduate School of Business Admin., Tel-Aviv U., 77-; 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; 2 d.; Visit. Prof., Brd of Govnrs of Fed. Res. System Washington D.C., 74-75; Director, Israel Bank of Agriculture, since 1977-,; Research Dir., Israel I. of Bus. Res.: mbr. Financial Mngmnt C'tee, Isr. Mngmnt Center; p. Fin. Economist, FDIC, Washington, D.C.; mbr: Am. Fin. Assn; books: Cash Management: Methods and Models; Analytical Methods in Loan Evaluation; Branch Banking in Israel: Its Development and Criteria for Future Growth; Establishment of Industrial Towns along the Green Belt; Bank Capital; Assoc. Edit., Journal of Banking & Finance; Edit Brd., Quarterly Banking Review; articles on bus. admin., etc.

19 Yaakov St., Tel-Baruch, Tel-Aviv.

ORLAND, Yaacov; M.A., poet; playwright; b. Russia, 14 July 1914; m. Bat-El

Axelrod; 1 d.; 1 s.; ed.: Hebrew U.; Royal Academy of Dramatic Art, London; to Isr., 1921; to S. Africa on behalf of JNF, 1951; to Scandinavia on behalf of Isr. Frgn Off., 65; to the U.S. & Canada, on 4 missions in succession, on behalf of J.A. & Jew. Wlf Brd of Am., 69-73; author of several plays: "This City", "The Inn", "Isaiah", "Israel, my People", "A Cobler's Treasure", "The Black Office", "Going North"; poetry books: "Tree in the Wind", "Leaves of Autumn", "Poems from the Land of Uz", "The Toy House", "The Day of Tel-Faher", "Poems of the Vulture and the Dove"; The Bewitching City"; "Play the Harp" (Isr. Folksongs), "Ariel"; trans. into Heb. over 50 plays from var. lang. as well as many poetry works by Chaucer, Shakespeare, Milton, Goldsmith, Byron, Shelley, Keats, Tennyson, Shaw, Wilde, Kipling, Whitman, Poe., Omar Khayam, etc., mbr. Cl. of Heb. Writers Assn, Intl PEN Club; recip.: Lamdan Prize f. Lit., 63; Jabotinsky Prize f. Lit. & Res., 76-77.

79 Moriah Ave., Mt. Carmel, Haifa; tel. 244718.

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. Lang. & Cult.; mbr. Brd of Dirs, "Ben Shemen"; C.C. Wld Fed. of Polish Jews; edit. of Sect. Psychol. & Educ. in Encyl. Hebraica; recip. Isr. Prize of Educ. 71.

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, Israeli Secular Assn, 77-; 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; Dipl. Engineer; Dir. Gen.: Keren Gimlaut Merkazit (Central Pension Fund Ltd), 76-; Rent. Housing Co., 73-76; V. Chmn, Dir. Gen., Amidar Natl Housing Co., 63-72; b. 22.2.1916, Ukraine; m. Ivria Bronstein; 1 s. Hemi; 1 d. Zofi; ed.: Technion Haifa; H.U. Jer.; repr. of Jewish Ag. in Italy, 45-; first Repr. of Israel in Italy, 1948-; Manager, Kupat Holim, 1951-60; Assist. to Min. for Foreign Affairs, 1960; Israel Ambassador in Venezuela & Trinidad, 63; mbr, Brd of Gov., Technion Haifa; Pres., Friend. Assn Israel-Italy.

5 Mozir St., Tel-Aviv.

ORSHAN, Gideon; botanist; Professor, Dpt. of Botany, H.U., 67-73; 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 — instructor, 55-63; lecturer, 63-67; associate professor, 67-73; published some 40 res. works on botany; award: "Bialyk Prize" f. research, by the H.U. Jer., 35.

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.

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OSTASHINSKY, Eliakum; Dr. Agric.; Managing Director, Societe Vigneronne des Grandes Caves Rishon-le-Zion et Zichron Jacob Ltd & Carmel Oriental Co., 53-; b. 16.2.1909 Petach-Tikva; m. Shulamit Tulipman; 2 d.: Daphna, Ruth; ed.: Gymn. Herzlia, T.A.; Toulouse U.; Portice (of Naples) U.; past Mang., Hanotaiah Co., 31-40; Manager, Agricultural Dpt., Farmers' Federation, 40-46; Mayor, Rishon-le-Zion, 46-51; Mng., Agric. Dpt., Citrus Market. Brd., 51-53; mbr.: Advis. Cl., Bank of Isr.; Direct., Bank Leumi le-Israel B.M.; articles on cultural problems and politics in Israeli and foreign press.

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OSTROWSKY, Avi; musician; Music. Dir. & permanent conductor, Haifa Symphony Orch., 69-73; founder, conductor & Music. Dir., Beer-Sheva Symph. Orch., 73-; born in Petach Tikva, 10.8.1939; educ.: 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 Musik und Darstellende Kunst.
29 Prof. Shorr St., T.-A.; Tel. 454903.

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; "Touch the Water, Touch the Wind (novel), 73; "The Hill of Evil Counsel" (collection of stories), 76; articles, essays in Isr. and world newspapers, magazines and periodicals, novels, short stories and 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); B'nai B'rith Annual Literary Award, 72; Author in Residence, H.U. Jer., 75.
Kibbutz Hulda, Doar Na Nachal Ayalon.

P

PA'IL, Meir; „Shelli" Member of Knesseth; Colonel (Res.); lctr (History), H.U. Jerusalem and Seminar Hakibutzim; born 19.6.1926, Jerusalem; grad. var. milit. courses during his serv. in Palmach & Zahal; Ph.D. (History); m.; 4 ch.; 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"; articles 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); Itzhak Sadeh Prize f. Ph. D. res. ab. origins of Zahal, 74 (pub. as a book on occasion of Isr. 30th anniversary, 78).
14 Oppenheimer St., Ramat-Aviv, 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; edit. "Der Kantshik", satir. month., 28-30; 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; Strikhn zum Portret fun Itzik Manger, 76; recip.: Diamandstein Award, Los Angeles, (f. "Shalom Ash"); Yiddish Writers Assn Aw., 75.
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PARAG, Yair; biologist; head, genetics teaching div., H.U. Jer., 71-73; 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; 3 ch.; 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; letr, botany & genetics, H.U., 62-68; res. assoc., Harvard U., 69-70; Lord Marks Fllw, Sheffied U., 73-74; cnslt to pharm. ind; edit. brd, Isr. Journ. of Botany, 63-65; mbr.: Am. Mycological Scty; Botan. Scty of Am.; British Genetics Scty; Genetics Society of Isr; publ. ca.30 papers in Israeli & frgn journals; res. & teaching: fungal genetics, applied microbiological genetics.
2 Nicaragua St., Kiriat Menakhem, Jer.

PARKER, Albert; attorney; hon. Natl chmn & mbr, Exec. C'tee UJA; Hon. Chmn, Brd of Gov. 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. & Chum of its Cl. of Govnrs; Chmn, Advis. C'tee on Jew. Stud., Columbia U.; co-found. of ATID (Am. Trade and Ind. Development with Isr., Inc.) & Chairman of its Board of Dirs; p. trust. at-large of the Fed. of Jewish Philanthropies of New York; Dir. of Am. Overseas Board of Bar-Ilan U.; p. Pres. of the U. of Haifa Foundation; senior partner in the law firm of Parker Chapin Flattau & Klimpl; mbr of the Board of Dirs. & Exec. Committee of Belding Heminway Company, Inc. and Leslie Fay, Inc.; mbr, Brd of Bond Industries, Inc.; Dir., V. Chmn & mbr, Exec. C'tee of Bank Leumi Trust Co. of New York; recip.: Alumni Medal of Columbia U., 75; Hon. Deg. of Dr. of Philos., Bar-Ilan U., 72; Chmn's Aw., UJA of Gt. N.Y., 69; Hon. Deg. 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; 1 son: David; 2 daughters: Donna & Nicole; instructor, Department 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.

PAT, Gideon; econ.; Minister of Housing, 77-; M. K. (Likud); past 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 Chemistry, Heb. U. Jer., 70-76; Scientific Adviser, Isr. Defence Forces, 76-,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", 30 vol.; contrib. to English, American, Israeli scientific journals.
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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; Frgn Hon. Mbr, Am. Acad. of Arts & Sci., 69; Hon. Mbr. American Econ. Assn, 75; President, Econometric Society, 74; Honorary D.H.L., University of Chicago, 76; author of "Money Interest & Prices. An Integration of Monetary & Value Theory" first ed., 56; 2nd ed., 65; "The Israel Economy First Decade", 59; 'Studies in Monetary Economics", 71; "Keynes' Monetary Thought", 75; (co-editor) Keynes, Cambridge & the General Theory, 77; articles on monetary, employment, price theory, in scientific journals.
5 Hovevei Zion St., Jerusalem.

PATTIR, Dan; Advis. on Media Affs to P.M. Menahem Begin, 77-; p. Advis. on Media Affs (75-77) to P.M. Itzhak Rabin; Chmn, Isr. Assn of Journalists, 74-; past mbr, edit. board of "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; producer of Heb. 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.
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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-; recip. Herzl Prize, 75; publ. 1' book & over 52 sci. papers in quantum chem.; Visit. Prof. U. of Basel (Switzerland), 74.
48 Horeb St., Haifa; tel. 241574.

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 co-chmn. of its Finance C'tee. s. 1967;Mbr.,Permanent Budget & Finance C'tee, Jewish Agency, 1968-73; 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 active in rescue work during Holocaust, as repr. of J.A. Vaad-ha-Hatzala, Geneva, 42-46; empowered by Prov. Gvrt of Israel to grant Isr. citizenship to Dr. Chaim Weizmann & his wife., Geneva 20.9.48.
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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" (w. T. Kollek); "In the Footsteps of Moses"; "The Maccabees"; "In the Footsteps of the Prophets".
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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.
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PELAH, Zvi; M.Sc., Ph.D.; Prof. of Chemistry, Ben-Gurion U. of the Negev, 67-; Head, Res. & Devel. Auth., Ben-Gurion U. of the Negev, 75-; Dean, Fcty of Sci., 69-71 & p. (73-74) Act. Rect. (Elect.), U. of Negev; b. August 1924, Lomza, Poland; m.; 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; Snr Sci. Advis. to Min. of Defence, 67-.
Ben Gurion University of the Negev, Beer-Sheva.

PELAVIN, Michael A.; attorney; Chmn, East Cent. Reg., UJA Natl Campaign Cab. & mbr, UJA Exec. C'tee; Chmn, Brd of Trust., N. Am. Jew. Students Appeal; Chmn (73), UJA Young Leaders. Cab.; 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; Un. HIAS; Natl Cl., JDC; p. Dir., Am. Civil Liberties; w. Pelavin & Powers profess. 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, President, Flint Jew. Commun.; trustee, Beth El Temple; p. chmn, Small Cities Committee CJFWF; Gen. Chmn & Assoc. Chmn, UJA Campaign, Flint, 69; p. Pres., Temple Beth-El Brotherhood; with Young Leadership Mission to Israel; recip.: Flint Jew. Comty Cl., Young Leader. Award, 66-; Herbert Lehman Award, UJA, 73.
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PELED, Benjamin; Major Gen. (ret.), fighter pilot; b. Israel, 18.4.1928; mbr, brd Dirs., Elbit Computers Ltd.; ed.: "Herzlia" High Sch.; B.Sc., Aeronaut. Eng., Technion Haifa; m. Bertha Magrisso; ch.: Yoram, Sarah, Eyal; Israel AF Commander, 73-77; w. IDF (Air Force), 46-78.
Elbit Computers Ltd., P.O.B. 5390, Haifa; tel. 514211.

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; Chmn, Maccabi Wld Un., mbr, Jew. Agcy Exec. & W.Z.O. Exec., lctr on municipal law Local Auth. Inst., Bar-Ilan U.
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PELED, Matityahu; Aluf (Res.); Ph.D.; Snr Lctr & Chmn, Arabic Dpt., Tel-Aviv U.; b. 20.7.1923, Haifa; ed.: grad. Beth Hakerem H. Sch.; 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.
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PELED, Natan; Secr. Gen., Hakibbutz Ha'artzi; past (70-73) Minister 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.
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PELEG, Alexander; Actor; b. 25.5.38, in Bucharest; to Israel ,1952; grad., Habimah's Drama Sch.; postgrad. theatr. stud., T. Balashova Sch., Paris, 59-61; mbr, Natl Theatre „Habima" (63-); played, i.a. „Riccardo Fontana" in "The Deputy"; "The Lover", by Printer; "Who Is Affraid Of Virginia Woolf", by Albee. "A Way of Life" (one man show); Joseph K in "The Castle" by Kafka; "Flowers for a White Mouse" (one man show), etc.
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PELEG, Mordechai; Assoc. Prof. in Civ. Eng., Technion Haifa; b. 1901, 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 Eng., Technion Haifa; b. 1901, Boguslav, Route; 65 sci. publ. in his field.
11 Jerusalem Street, Haifa 33132; tel. 641351.

PELI, Alexander; M.A.; publisher; Dir., Edit. Brd, Encyclopaedia Heb.; Chmn, Brd of Dirs.: Alexander Peli Group, A.P. Publishing Co. Ltd., Jewish History Publishing Ltd.; Pres. of Brd. Massadah Press Ltd.; p. publisher editor "Hayom" (Jerusalem daily); p. Heb. Editor UNESCO Courier; m.; 1 s.; 1 d.; education: Hebrew U.; to Israel, 1921.
29, Jabotinsky St., Talbieh, Jerusalem.

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.
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PELLED, Elad; B.A. (Econ.);p.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.
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PENER, Meir Paul; zoologist, entomologist; Assoc. Prof., H.U., 72-; b. 2.4.1930, Hungary; to Israel, 1949; m. Dr. Hedva Solomon; ed.: H.U. Jer. - Entomol.-Zool. (minors in Biochem., Phys.); M.Sc., 58; Ph. D., 63; Res. Fllw: Anti-Locust Res. Cent.,

London, 64-65; Royal Entomol. Socty. London, 65-; also Res. Fllw: Lab. de Biologie Gen., Strasbourg, 70: Cent. f. Overseas Pest-Res., London, 71; Res. Assoc., Intl Cent. of Insect. Physiol. & Ecol., Nairobi Kenya, 73-; Res Fllw. Lab. of Entomol., Landbouwhogeschool, Wageningen Netherlands 77; mbr of Cl., Assn d'Acridologie, 71-; Fllw. Entomol. Scty Isr., 64- (Chmn of Cl., 74-77); mbr, edit. brds of sev. sci. journals; publ. over 30 sci. articles in intl Sci. Journals, mostly on biology & physiology of insects; participated various Intl Congresses on the subjects.

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PEPPERCORN, Martin; Assoc. Exec. V. Chmn and past (67-75) 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., McGill U. Montreal; b. 20.5.1912, Warsaw; m. Felice Liwer; 1 d., Noemi; p. Dean, School of Education & of Faculty of Humanities, Brussels; Pres., Centre Natl de Rech. de Logique; p. 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) & Acad. of Heidelberg; Corresp. of Institut de France; Commander of the Order of the Crown.

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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.

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PERETZ, Aharon; Dr.; Clinical Assoc. Prof., of Gynaecology & Obstetrics, Hebrew U.; b. Butrimonys (Lithuania), 1910; Dr. med., Kovno, 1933; Head, Dpt. of Obstetrics & Gynaecology, 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-.

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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; married; 2 sons; 1 s. Joseph, fell in Yom Kippur War.

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PETRUSHKA, Shabtai Arieh; musician; Lecturer, Rubin Acad. of Music, Jer., 70-; Dir. of Music, Kol Israel, 58-68; now retired; b. 15.3. 1903, Leipzig, Germany; remarried (w. Pnina Zygielbaum, 1977), 1 son; 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"; chamber music for wind instruments, 1976; 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).

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PEYSER, Eli; M.D.; Prof., Aba Khoushy School of Medicine, Technion Haifa; born Goettingen, Germany; ed.: Basle University, 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.

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PINCZOWER, Eliezer; Dean of Teachers Coll.; b. Breslau, 12.4.1916; to Israel, 1934; ed.: grad. Mizrahi Teach' Coll., Jer.; grad. H.U. Jer.; m. Esther Frenkel; 2 s.; 2. d. P.O.B. 3208, Jerusalem.

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 Lexicon; mbr: Isr. Assn of Milit. History; HISPA-Intl Assn f. Hist. of Phys. Educ. & Sport.

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PINKHAS, Jack; physician; Assoc. Prof. of Internal Med., Tel-Aviv U. Med. Sch., 72-; Head, Department of Medec. D., Beilinson Med. Center, 74-; born Plovdiv, Bulgaria, 27.3.1930; to Isr., 1949; ed.: H.U. Med. Sch., Jer. (internal med. & hematology); m.; 2 ch.; res. fellowship, Institut de Recherches sur les Maladies du Sang U. of Paris, 69-70; mbr: Isr. Scty of Internal Med., Isr. Scty of Hematology, Intl Scty of Internal Med.; over 140 sci. publ.
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PINNER, Hayim; Secr. Gen. Brd of Dep. of Brit. Jews, 57-77; 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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PLAUT, W. Gunther; Natl Pres., Can. Jew. Congress; Snr Scholar, Holy Blossom Temple, Toronto, mbr Government Brd, Wld Un. f. Progressive Judaism; b. 1.11.1912, Muenster, Germany; ed.: Heidelberg U.; Berlin U., LL.B., 33, LL.D., 34; HUC, Cincinnati, Rabbi, M.H.L., 39, Hon. D.D., 64; m. Elizabeth; ch. Rabbi Jonathan, Judith; p. Chmn, Zion. Emergency C., Minnesota; Campaign Chairman of the UJA; Toronto, 69-70; natl chmn f. the celebration of Isr. 25th Anniversary; p. Pres., Wld Federalists, Canada; edit. contrib., Globe & Mail, Toronto; author of 10 books, includ. "The Case for the Chosen People", "Judaism & the Sci. Spirit" (transl. into Heb.); "Commentary on Genesis"; award Bronze Star.
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PLOTKIN, Moshe; Mng. Director. "Vita", J. Plotkin & Sons, Ltd.; mbr., Exec. C'tee, Israel Manufacturers' Assn.; b. Kharkov, 28.6.17; m.; 3 ch.; to Israel, 1934; in present position since 1936.
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PORAT (Placek), David Karel; Dep. Mng. Dir., "Gadot", Ltd. (65-); b. Kyjov (CSR), 21.8.12; m. Juliana Farkash; 2 s.; ed.: College of Commerce, Vienna; Prague U.; f. Dir. Frgn. Trade Division, Min. of Food, Prague (46-48): f. Hamashbir Hamerkazi Imp. Exp. Div. (49-54); f. Dir. Food Imp. Div., Min. of Comm. & Industry (55-58); p. Dir. Govt. Supply Mission, N.Y. (59-63); Mng. Dir. "Alda" Ltd. (64-65).

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PORAT, Haim; farmer; Mng. Dir., Flowers Bulbs and Ornamental Plants Production & Marketing Board, 70-; b. Russia, 1923; to Israel, 1931; grad., Agric. School Ben-Shemen; m. Rina Markovski, 1948; 2 s.; 1 d.; mbr, exec. boards of several societies; p. treasurer, Kfar Jehoshua; p. Secr., Assn of Flower Growing.

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PORAT, Orna; actress, "Cameri" Theatre; dir., co-founder, Children's Theatre, Cameri, 65-; app. Art. Dir., Theatre f. Youth & Children (under the auspices of Min. of Culture & Educ.), 70-; founded, Arabic Theatre f. children, 71-; lctr, Fcty of Drama, Tel-Aviv U., 72-; exec. mbr, Intl Assn f. Theatres f. Youth & Child.; b. Cologne, 6.6.1924; ed.: Drama School, 40-42; 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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Post" and "Ovent Post", Riga; regular contributor to "Moment" and 'Hatzfira", Warsaw; to Israel, 1935; member, editorial board, "Haaretz" (daily); contributed to "Davar" (daily); editor, 'Hadashot Haerev"; News Editor, "Letzte Neiss", Yiddish daily, 1961-; author of "History of Jewish Labor in Russia"; "Da Et Shekhenenu", "Mi'Gibraltar ad Suez"; "Hamizrach Hatikhoni; "Egypt"; "Syria", etc.; repr. Jewish Agency Department of Org. & Inform. din Switz. & Austria, 70-73.

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PORATH, Joseph; civ. eng.; B.Sc. (C.E.); Assist. Gen. Mng., Israel Land Development Co. Ltd.; b. in Lodz, Poland, 19.8.18; m. Zippora-Sylvia; 2 sons; grad. Hebrew sec. school, 36; to Israel, 1937; att. Technion, Haifa, 37; British Army serv. in M.E. & Europe, 40-46; disch. as captain; C.E. degree, 47; serv. in IDF, 48-; disch. from IDF as Lieut. Col. (res.), chief eng. & mng. of build. dpt of Africa-Israel Investments Ltd., Assn of Architects & Engineers in Israel; has been in charge of planning, development & building of Savyon & Rimon; initiator, promoter of "Rimon Industrialized Building System".

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PORATH (Foerder), Joseph; mbr., Israel Chess Team at 11 Olympiades; p. 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 (ret.); p. Chmn, Control C'tee, Isr. Chess Assn.

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5.2.1918; ed.: Yeshiva Coll. of Yeshiva U. (ordained by Rabbi I. Elchanan Theol. Smnry); City Coll. of N.Y.; Columbia U.; U. of Pitt., Ph.D.; m. Gilda Twersky-Novosellor, 1945; 2 s.; 2 d.; frequent lctr in the USA & abr., on the U. campus & the "Y", on Soviet Jewry, Jewish All-Day School, Chassidism, Mussar, the State of Israel, traditional judaism, etc.; exec. off. of RCA & mbr of editorial board of its quarterly "Tradition"; co-founder & mbr 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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RACINE, Emmanuel; past Gen. Mng., „Delek" — The Israel Fuel Corp. Ltd., 51-76 (now mbr Brd of Dirs); Pres. Amisragas, Tel- Aviv, 77-; 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.; recip.: Croix de Guerre, Legion d'Honneur; Medaille de Resistance; decorated: Haganah & 6 Day War.
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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.
323 Cours Emile Zola, Lyon-Villeurbanne, France.

REICH, Karl; born 28.11.1919, Vienna; Managing Director, The Israel Development & Mortgage Bank Ltd.; education: Vienna U., Hebrew U., London; to Israel, 1938; married; 2 children.
25, Josef Zvi St., Tel-Ganim, Ramat Gan.

REICH, Shymon; Snr Sci., Polymer Dpt., Weizmann Inst.; b. Poland, 16.3.1938; to Israel, 1950; ed.: Heb. U., Physics, B.Sc., 62; Weizman Inst. — M.Sc., 64; Ph.D., 69; Mc Gill U., Montreal, post-dr. fllw, 69-70; pupil of prof. A. Katzir; m. Klara Kersh; 2 d.: Ilan, Dalit; mbr: Isr. Phys. Scty, Isr. Chem. Scty; main interest: solid state physics of polymers; publ. (together with other scientists) a series of sci. papers on polymers & related disciplines.
32, Eisenberg St., Rehovot.

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. Un.; depty-assist., assist. snr assist. & adjunct, Politech. 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.
32 Sderoth Hazvi, Haifa.

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. Hon. V. Pres., Yeshiva U. Women's Org.; Hon. Natl V. Pres., Women's Branch, UOJCA; Life Mbr, Hebron Yeshiva; League f. Exceptional Child., Jer.; b. Colchester, Conn. USA; to Isr., 1971; ed.: Bacon Acad.: Conn. 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.
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REICHMAN, Solomon; Rabbi; hon. pres., 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, 24-71; 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. Institts; publ. Chiddushe Ha'Ramban 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.
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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; divorced; 1 daughter: Atara; also 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: Ling. Scty of Am., Isr. Assn f. Appl. Ling; U. Teach. of English; publ.: Heb. Basic Course (w. H. Levinson) US Gvt. Print. Off.; articles on linguist. & Semitics; recip. Jerusalem Certif., 50.
Barl-Ilan University Ramat-Gan.

REINER, Ephraim; Joint Mng. Dir. & Chmn Brd of Dirs & Brd of Mngmnt. Bank Hapoalim B.M. 77-; Secr Gen. Hevrat Ha'Ovdim, 74-77; p. Gen. Mng., "Teus": 69-74; Lt. Colonel (Res.); b. Jerusalem, 16.1. 1924; ed.: Heb. Univ. 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.

REIS, Max Walter; Ph.D., Chem. Eng.; Dep. Mng. Dir., Israel Chemicals Ltd; 75-; p. Mng. Dir., Fertilizers & Chemicals Ltd.; b. Berlin, 19.10.1927; 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.
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REISFELD (Sobel), Renata; Chem., Ph.D.; Assoc. Prof. (chem.), H.U. Jer.; b. Poland; to Israel, 1950; ed.: High School, Poland; H.U. Jer.; Ph.D.; m. Eliezer; 2 s.; Dani, Gideon; over 150 sci. articles in field of solid state, glass lasers, solar energy,

energy transfer, etc.; p. counsel, science-based industries; edit. mbr. "The Diffusion Data"; res. contracts w. USA Army & sci. oriented industry; co-auth. of the book: Lasers and Excited States of Rase Easths.

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REISS, Rafael; M.D., surg.; Assoc. Prof., 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, Alexander; journalist; edit. monthly "France Israel Inf."; b. Karlsruhe, 16.11.1904; ed.: Math., Phys., U. Berlin; Philos., Sociol., Sorbonne Paris; m. Mine Skudskis; 1 d.; exec. mbr, Zion. Org., France; V. Pres. Assn France-Isr.; cofound. Revis. Pty Germany, chief Betar, -32; vol. Fr. Army, 39; Fr. Resist. Mvmnt; dir. extern. dept. WZO, France, 58-73; deleg., sev. Zion. Cngr.; corresp., sev. Jew. newspapers.

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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 Myasthenia Gravis.

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REMEZ, Aharon; Chmn, Isr. Ports Authority, 70-77; then Chairman Israel Airports Authority; past Ambassador to the Court of St. James, England; b. TA., 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. Painters & Sculpt. Assn; partic. in 50 collective exhibitions; 17 one-man exhibs.

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RESHEF, Yaakov; producer, Jewish educ. media materials; Assoc., Curriculum Materials Devel. — Board of Jew. Educ. of Greater New York; b. Petah-Tikvah, 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), 65-70; Dir. Gen., "Neot Kedumim", N.Y., 71-76; Educ. Dir. Salute to Israel Parade, N.Y., 70-76; cnslt to Comm. on Educ., Am. Zion. Fed., 73-74; Dir. & Prod. appoint. by Brd of Jew. Educ. of a new multimedia pilot project in Jew. educ., 74-76; stud. in mngmnt. econ. & educ. at Bernard Baruch Coll., N.Y.C., 74-76; develops & produces multi-media educ. materials on Bible, Israel, Jew. histry etc. for Jew. schs & institutes; recent productions: "David's City," "Who Could Forget" — Sound Filmstrips; "We Who Survive", "My Life or Yours" — Audio Dramas.

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RESHEF, Yehouda; Colonel (res.): Dir. Gen., Israeli Railways, 72-74; 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.

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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.

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REZNIK, David; Architect; private office; Brd Mbr: Bezalel Acad. of Arts & Design; Isr. Museum, Jer.; b. 5.8.1923, Rio-de-Janeiro, Brasil; to Israel, 1949; ed.: Fcty of Archit., Rio-de-Janeiro; m. Raquel Burstein; 2 s.: Yehoshua, Baruch; 1 d., Leah; p. Assoc. Prof., Fcty of Archit., Technion Haifa; p. Chmn, A.E.A.I. Jer. Branch; mbr of UNESCO Advis. C'tee f. an experimental University in Caracas, Venezuela, 69; works publ.: The Dr. Israel Goldstein Synag. (w. Arch. H. Rau) — Architecture d'Aujourd'hui; Progressive Architecture, 65; Isr. Pavilion in New York, Progressive Architecture, 64; Isr. Pavilion f. the Montreal World's Fair (w. Arch. A. & A. Sharon), 67; Kennedy Mem., Progressive Archit., 66; Baumeister, 67; recip.: Progress. Archit. Design Aw., 64; Zeev Rechter Aw. f. Archit., 65.

4 Narkiss St., Jerusalem, P.O.B. 346; Tel. 225548.

REUVENY, Jacob; Ph.D., Snr Lctr (Pol. Sci.), Bar-Ilan U.; mbr, Israel Association 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; The Israeli Civil Service (Heb.), Massada, 74.

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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.; m. Shoshana Shuck; ch.: Reena Ben-Ephraim; Meir Zvi; publ. dir., Great New York Comittee for State of Israel Bonds; fiction judge for Jewish Book Cl.; edit. Independent Jewish Press Service, 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. Midstream, Congress Weekly, The Reconstructionist, Saturday Review.

108 E. 86th St., New York 10028, USA.

RICHMOND, Amos E.; biologist; Chmn, Inst. f. Desert Res., Sede Boker, U. of Negev; 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; current interest algal growth in desert conditions f. indust. purposes.

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RICHTER, Glenn; Natl Coordinator, Stud. Struggle f. Soviet Jewry; mbr: Brd, Natl Assn of Traditional Jew. Comm. Workers; Brd of Trustees, Lincoln Square Syng., N.Y.C.; b. Flushing, N.Y., 3.4.1945; educ.: B.A., Queens Coll., N.Y.C.; m. Lenore Wolfson; worked f. Soviet Jews, 64-; met Soviet Jew. activist leaders in USSR & w. emigrants in Isr. & U.S.A. to help ease their absorption; edit.: many pamphlets & booklets on Soviet Jews; "S.O.S. Soviet Jewry" & "Soviet Jewry Action Newsletter"; recip.: Dr. Abraham Stern Aw. from Youth Bureau, Yeshiva U., 74.

Student Struggle for Soviet Jewry, 200 West 72nd St., Suites 30-31, New York, N.Y. 10023, 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. (Cantab.); 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; books: 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; rec. S.B. Cohen Res. Studentship, King's Coll., 58-61; Stevenson Prize, Cambridge U., 58.

17, The Cottages, Katamon 9, Jerusalem.

RIESMAN, Shlomo; Director General of the Israel Farmer's Federation; b. Tel-Aviv, 26 December 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.

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23a, Shoshanat Hacarmel, Haifa.

RIMALT, Elimelech S.; Ph.D.; M.K. 51-77; p. Chmn, Liberal Pty of Isr., p.co-Chmn, Natl Exec. of Likud Block; in the past bin. 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; mbr, Israeli delegation to General Ass. of the UNO, 56, 58, 67; 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.

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RINOTT, Moshe; M.A.; Ph. D.; Assoc. Prof., Dep. Rector, U. of Haifa, Dean, Sch. off Educ., 69-74; Snr Lctr, U. of Haifa; b. 1917, Vienna;to Isr.,1'935; ed.: Hebr. U.; m. R.C. 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; Social History of Heb., Educ., articles in educ.

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RIVLIN, Abraham B.; econ. Director, Dan District of 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.

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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. (History and History of Arts); past teacher (Jer., Nathania); co-founder, Youth Org. Ben-Al (IZL), 41-43; on mission to Zion. youth in Britain (50); p. Gen. Mng., Britain-Israel Invest., London; service with Isr. Air Force; owner, PR Office, 54-67; mbr, C.C. of Liberal Pty (p. Chmn of Propaganda dept. & mbr, Exec. C'tee), Chmn, direction of Isr. Un. of Editors of Periodicals; p. 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; Chmn, Brd of Dirs, Keren Kayemeth Le'Israel, 77-; Wld Chmn, KKL; Dir. Gen., Jew. Agcy, 66-67; elect. Dir. Gen. of Reconstitued J.A., 71; assoc. mbr Exec. of WZO, Natl Chmn Haganah Vet. Assn in Isr.; mbr Brd of Gov.: Ben-Gurion U. of the Negev.; Coll. f. Pub. Adm. p. Dir., J.A. Inform. Dept.,58-60; in ad. Jew. 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 Zion & Jew. topics; also mbr of: Exec. C'tee, Yad Ben-Zvi; Cl., Yad Ben-Gurion; Brd of Dirs: "El-Al", Jerusalem Post"; Brd of Govnrs, J.T.A.

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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, (also Gen. Chmn 1973), Lowell, Mass.; mbr of Lowell Mass. Bicentennial-Sesquicentennial Commission; founder & past Director, 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.

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ROBINSON, Eliezer; M.D.; Assoc. Prof., Haifa Technion Med. Sch., 72-; Head, Dpt. of Oncology, Rambam Hosp. Haifa, 68-; Dir., North- Israel Cancer Center, 75-; 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.

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RODAN, Mendi; conductor; Prof. of Music, Rubin Acad. of Music, Jer., Music Cnslt Jer. Music Center; Music Dir., Beer-Sheva Orch.; found. & perm. conduc. Jer. Chamb. Orch.; perm. guest conductor: Isr. Philharm. Orch., Isr. Chamber Ensemble; Chief Conductor & Musical Dir., Jer. Symphony Orch. (I.B.A.), 63-72; b. 17.4.1929, Rumania; ed.: Acad. & Art Inst., Bucharest; m Judith Calmanovici; s. Aviad; d. Orly; p. perm. conductor, Radio & T.V. Orch., Bucharest; Guest Prof., Indiana University, USA; concert tours as guest conductor in Europe, USA, Australia, Far East, South Africa; mbr of Juries at Intl Competitions in Perform. & Musical Composition; mbr of var. music. societies; Hon. Citizen of Tucson Arizona, USA.

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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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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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ROGOW, Yitzhak; econ. & public relations; Dir., Information Dpt., Keren Hayesod, 63-74; Mng. Dir., Rogow Ltd - Communications Programming & Public Relations, 74-; born 9.10.1936; to Israel, 1960; ed.: U. of Cape Town, B.A. (Econ.); m. 1961; ch.: Michal, Noam, Lee; p. Public Relations Dpt., Min of Tourism; p. Ba-Koach Habonim Youth Movt.; p. Chmn, Zion. Youth Exec., Western Province; mbr: Intl Advertising Assn, Isr. Public Relations Assn; Spokesman Assn, Jerusalem; Rotary.

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Years; Can. Jews in Brit. Columbia; A Bibliography of Jewish Canadiana; Jews in Can. Lit. (2 eds.); The H.M. Caiserman Book (w. B. Figler); Our Library 1914-57 (w. J. Grossman); contrib. to Universal Jew. Encycl., etc.
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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: Israel Tax Reform Commission, 75-; Isr. Auditors' Board, 69-74; 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"; "Oth Yom Hakipurim".
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RONLY-RIKLIS, Shalom; conductor; Dir., Kol Israel Symphony Orchestra; Dep. Dir., Kol Israel Music Dpt.; guest conductor, Israel Philharmonic Orch.; founder, conductor, Gadna Youth Orchestra; founder, I.D.F. Orch.; b. Tel-Aviv, Jan. 24, 1922; m.: Sarah Ehrlich; 1 d.; educ.: Israel Academy of Music; summer courses in Salzburg, under Igor Markewitz, 4 years; conducted Gadna Youth Orch. in 40 concert tour of U.S.A. & Canada, 1964, 1967; toured Europe, Canada, South America, with Gadna Orchestra (accomp. by Danny Kaye).
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ROSEN, Abraham; metallurgist; Assoc. Prof.; Dean of students, Technion Haifa; sci. coordinator, Inst. of Metals; mbr, brd of governors Isr. Metallurg. Scty; b. 26.5. 1930, Budapest; to Israel, 1949; ed.: Technion Haifa — B.Sc. (Mech. Eng.), 56; M.Sc. (Metallurgy), 58; D.Sc., 61; m.: Ilana; 2 ch.; publ.: over 40 sci. papers; co-author of Introduction to Materials (Heb.); co-edit. of Quantitative Relation between Properties and Microstructure; recip.: Arnan Award, 62.
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thods" (Tel Aviv. 65); "Good Hebrew — Studies in Syntax" (Jerus. 58, 66); also, 77; Eine Laut md Formenlehre der herodotischen Sprachform, Heidelberg, 62; A textbook of Isr. Heb., Chicago 62,66; Struktural-grammatische Beitraege zum Verstaendnis Homers, Amsterdam, 67; Contemp. Heb., Haag, 77; Textbook of Latin; transl. from Greek jointly with Mrs. Rosen Ling. art. in Encyl. Heb., ab 100 articles in Indo-European, Hebrew & Gen. Ling. subjects in Franch, Dutch, American, Swiss & Israeli scholarly Journals; Prize Israel,78

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ROSEN. Joseph; physicist; Snr Lctr, Tel-Aviv U., 69-; b. USSR, 1937; to Israel, 1953 (from USA); ed.: Technion, B.S., M.S.; Heb. U. Jer., Ph.D.; m. Dalia Musarov, 1960; d. Laliv; Snr Res. Assoc. Boston U., Mass.; Assist.-Prof., Brown U., Providence, R.I., USA; Visit. Prof., U. of N.C., Chapel Hill N.C., USA; mbr, Isr. Physical Scty; publ. in the field of theor. phys. (mostly on symmetry aspects of physics & math. aspects of symmetry) in various physics & math. phys. journals; auth. of book: Symmetry Discovered: Concepts and Applications in Nature and Science; edit. (w. G. Shaviv): Proc. 7th Intl Confer. on Gen. Relativity & Gravitation (GR7).

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ROSEN, Maurice M.: Exec., Lighting Industry; Pres., Sarama Industries, Inc.; p. Pres & Chmn of Brd, Am. Technion Scty; b. 28.8.1920; educ.: grad. Wharton Sch., 41; U. of Pennsylvania, B.S.; m. S. Ebersole; ch.: Stewart, Sharon, Jordana; Cynthia, Frank, Robin, Maurisa, Rachel; p. Pres., LCA Corp., Walter Kidde & Co. Inc., Lighting Corp. of America; mbr. Brd: Albert Einstein Med. Centre; Fed. of Jew. Agencies; Wharton Sch. Alumni Scty; Natl Planning Cl., U. of Pennsylvania; FPA Corp.; Agmet, Inc.; visit. Isr., 75.

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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; 3 ch.: Irith, Oriela, Doron; scientific publ. in theor. & atomic physics.

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ROSENFELD, Hirsh; physician; owner, Pres. & Dir., Drs Hosp., Montreal, 47-73; Pres. & owner of MD. Med. Clin.; V. Pres., Am. Phys. Fllwship; corr.mbr,Isr.Med.Assn; mbr & patron, Jer. Acad. of Med.;b. Naumestis, Lithuania, 10.12.1907;ed.:Hebr.Gymn., Lithuania, 24; Mc Gill U., B.A. 28; Strassbourg U., M.D., 36; m. Dvora Kofsky; mbr; Montreal Med. Clinic; Fellow Amer. Geriat. Scty; Can. Med. Assn; Coll. of Phys. & Surg.; Assn des Medecins de langue franc. du Can.; Yiddish Natl Arbeter-Farband & Histadrut; patron: I.L. Peretz Schs, Jew. Pub. Libr., Leivik Foundation, Talmud Torah Schs, etc.; Recip.: "Man of the Year Award", A.P.J., 51; Acad. Cl. & Senate Amer. Intl. Acad. Aw., 55; Negev Guardian Aw., 62; Builder of Isr. Aw., 63; Fllw of Am. Intl. Acad., 65; visit. Isr. several times.

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ROSENHEAD, Louis; Prof. of Applied Math. (Emer.); D.Sc. (Leeds); Ph.D. (Cantab.); F.R.S.; C.B.E.; Head, Dpt. of Appl. Math., University of Liverpool, 33-73; Overseas Academic Member of Board of Governors, Technion Haifa, 69-; past 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., 46-75; publ. on educ. matters, concerned w. training of engs., techns. & scientists; Fllw, Royal Scty of London.

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of them let to immigrate to Eretz Israel; 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"; mbr, Exec. C'tee of B'nai B'rith in Israel & Chmn, coord. c'tee, B'nei B'rith Lodges of Rumanian Jews in Israel.

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ROSEN-ZVI (ROSENZWEIG), David; Dr Jur.; mbr: Tel-Aviv-Yafo City Cl. (Head, Water Dpt.); Natl & Tel-Aviv Exec., Relig. Natl Pty; b. Czechoslov., 1911; to Isr., 1940; ed.: Talmud-Thora & Yesh.; Bratislava U., grad. Law, Pol. Econ. — Dr., 35; m. Tova Antman; s. Ariel; d. Rivka (Keidar); J.A. — Snr Off., Absorp. Dpt., 48-; Aliyah Dpt., 51; Dir. Cent. Off. f. Europe & N. Africa, at Geneva, 63-65; Aliyah & Absorp., A.J. Israel, 65-72; treas. "Ami-Goor" real est. co., 72-74; Chmn, City C'tee f. Relig. Affairs, T.A. Yafo City Cl.; deleg.: W.Z.C., Zuerich, 29; JWC, Geneva, 35; 21st Zion. Cong, Geneva, 39; 23, 24, 25, 26 & 27 WZC, Jerusalem; active, Europ. Liaison Off. Tora V'avoda, Geneva, 39-40; articles in Zion. probl. esp. aliyah & absorp., econ., wages, trade-unions, etc.; mbr, Natl Exec., Chzechosl. Immigr. Orgns.; co-found. regional Synag. "Megurim", T.-A. Dir. of its exec.

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ROSOLIO, Shaul; Isr. Ambassador to Mexico; p. Inspector General of Police; born in T.A., 8.1.2.1923; 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.

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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; divorced two sons; Ilan, Daniel; naturalized USA citizen, 58; author of: The Music of the Jews, 67; Pronunciation of German and German Diction for Singers, 74; various chamber works, ballet music, etc.; concertt and 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'Hhomme Scty, Paris; Elect. Mayor, Reux, Normandy, 52-; Natl Deleg., Sch. of Canton de Pont-L'Évêque; mbr, Commission of Cultural Affs, Normandy; hons: Chevalier de la Légion d'Honneur; Officier des Palmes Académiques; Chevalier des Arts et Lettres; Chevalier du Mérite Social.

Chateau de Reux, Reux -14130 Pont-L'Eveque, France.

De ROTHSCHILD, Bethsabee (Batsheva) de (1914); sponsor & promoter of dance; Producer, Bat-Dor Dance Company; born in 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), 1958; B. de Rothschild Foundation f. the Advancement of Science in Israel, USA; Batsheva de Rothschild Fund f. Sci. & Techn., Isr.; auth. la Danse Artistique aux USA, 49; sponsored a study f. improved immigrant housing plans; establ. Chamber Music Ass. (dir., Gary Bertini), 58; Batsheva Dance Co., in Tel-Aviv, 64; Bat-Dor Studios of Dance, T.A., 67; Bat-Dor Dance Co., T.A. (Dir. Studios & Co., Jeanette Ordman), 68.

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ROTHSCHILD, Menahem; Mayor of Bat-Yam, 64-75; b. Strasbourg, France, Apr. 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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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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8 Balfour St., Hadassah Hospital, Tel-Aviv.

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, co-found, Gibor Ramir, Ramat-Siv, Sabrina; p. 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.
28 Sd. Neve Oved, Herzliya; tel. 930651.

RUBENSTEIN, Cecil; Prof., Mech. Eng. Dpt., U. of the Negev; B.Sc., Ph.D., D.Sc.; b. Manchester, England, 1927; to Israel, 1972; educ.: Manchester Jews' Sch., 32-38; Manchester Centr. High Sch., 38-45; Manchester U., 48-51; m. Mina Baker; ch.: Martin, Evette, Paul, Ruth, Lesley, Roy; in the past: Res. Officer, Ferodo Ltd.; Sen. Res. Officer, British Cotton Industry, R.A.; Res. Mng., Jackson Bros., Lect., Manchester U.; publ. over 40 papers in learned journals in fields of friction, lubrication, wear, metal cutting, grinding.
11 Brosh St., Omer, Beer-Sheva.

RUBEN, Sol H.; merchant, retired; b. Columbus, Ohio, 4.1.1915; Israel Bonds honoré f. ZOA, 1977 (sold over 450,000 bonds); mbr, Natl ZOA Brd; V. Pres., local ZOA; mbr, Amer. Technion Scty; V. Pres., Jew. Home & Hosp. f. the Aged.
540 N. Neville St., Pittsburgh, Pa. 15213, USA.

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, Ronald; Exec. C'tee, UJA; Chmn, Israel Emergency Fund Campaign, Fed. of Jew. Agencies of Greater Phila.; V. Pres., FAJA; Brd mbr, Amer. Friends of HU; Brd of Govs, Israel Bonds; p. Pres. & p. Brd Chmn, Golden Slipper Club; pres., Pan American Development. Corp.
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RUBINSTEIN, Aharon; Mng. Companies; Dir. Gen., Rubinstein & Co. Building Cor-

poration Ltd.; Co-Chmn, Brd of Dirs, International Development Corp. in Israel; mbr: Brd Dirs — Amidar; Z.O.A. House; C'tee f. Econ. & Taxes, Coord. Bureau of the Econ. Orgs.; p. Mbr Econ. C'tee of Prime Minister's Office & C'tee to Help Underprivileged Children & Youth; b. 1905, Warsaw, Poland; to Israel, 1921; 3 sons: Amnon, Mordechai, Giora; p. Chmn, Builders Association in Tel-Aviv (for 10 years); p. Dep. Chmn, Builders C.C. (for 8 years).
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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, Hyman Solomon; M.D., psychoanal., neuro-psychiatrist; Pres., Histadrut Cl. of Gt. Baltimore, 75- (V. Pres. 73-74); mbr: Natl Brd Am. Jew. Congs. & Brd Elec. Baltimore Hebr. Congr.; Balt. Jew Cl., Zion Org. of Am., Civil Libert., UN assn, Peabody Alumni Assn, brd mbr HIAS (Pres., 68-70); b. Leeds, England, 16.3.1904; ed.: Sch. Med., Maryland U. — grad., 28; B.S., 32; Ph. D., 34; interned Sinai Hosp. Baltimore, 27-29; post grad. Wash. — Balt. Psychoan. Inst.; Psychiat., Wash. Sch. Psy., 52; Psychoanal., W. Alanson White Inst., 58; served Fcty Sch. Med. U. Maryland, Psy. Neurol.; Assoc. Exam., Am. Brd Psy. & Neurol., 38-48; Conslt. Psy. U.S. Publ. Health Serv., 38-42; Dir. neuroendoc. res., 35-45, neuropsy, res., 45-51, Sinai Hosp.; publ. over 70 sci. papers, tech. books-brain & cent. nerv. system; edit. Phi Lambda Kappa Quart.; contrib. World Book Encyc.; mbr, Scty Sigma XI; active in civic, cult., philant. orgs; recip.: Weaver Fllwship aw., Neuroanatomy, Maryl. U., 31-35; Ciba Fllwsh. res. Sinai Hosp., 38-42; corresp. mbr (h.c.) Israel Med. Assn, 64; Sidney Hollander aw. of distinc., Am. Jew. Congs., 72, & citation of Merit, Am. Phys. Fllwosh., 74.
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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 (directs treatment & supervises work of 40 psychoterapists); b. 4.8.1917, Moscow; to Israel, 1938; ed.: H.U. Jer., 39-42; Bologna U., Italy, 49-51, Ph.D.; m. Vardina Kisch; 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; Psychotherapy in Flagranti, 75; Tennis and Psychology, 76.
3 Haruv St., Ramat Hasharon; tel.470231.
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RUDY, Richard Alan; Chmn, Natl UJA Young Leadership Cabinet; led historic "Koach" Mission to Isr. 75; Campaign Chmn, Houston, 75; mbr Exec. C'tee, Jewish Community Cl. of Houston; p. mbr, Houston Mayor's Commission f. Better Housing & House County Flood Control Task Force; Pres., Columbia Communities; Real estate devel.; part., Columbia Prop., real est. brokerage comp.; b. Houston, Texas, 30.4.1936; ed.: Texas U., 54-56; m. Janice Abramson; 4 ch.: Keith, Kenneth, Kirk, Kerry; dir. Fidelity Life Insur. Co. of Houston; Pres. Congr. Emanu El Brotherthood, 70-71; Life Mbr, Jew. Chautauqua scty; Presid., Jew. Fed., Great. Houston, 77-78; recip. Ben Susholtz Young leadership aw. of outst. serv., 70.
6009 Richmond Houston, Texas 77057, USA.

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, 63-66; mbr.: Hebrew Writers' Association, World Poetry Society, Hugo von Hofmannsthal Gesellschaft; publ. 6 books of poetry: Ha'esh Ba'even, 57; Shirim Limtso Et, 61; Kol Od, 67; Mishirei T. Ruebner, 70; Ein Lehashiv, 71; Shemesh Khatzot, 77; many essays; also 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; 3 ch.; Assist.-Prof. New York U., 65-67; Visit.-Assoc.-Prof. at Renselaer Polytechnic Inst., N.Y., 71-73; publ.: numerous research papers in professional periodicals.

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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; in charge of fishers train., Fishing Dpt. of F.A.O., Rome, 75-.

Mikmoret.

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.

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64, Aluf David St., Ramat-Chen.

RUTTENBERG, Harold J.; econ., industrialist; Chmn, Pres. & Chief Exec. Off., AVM Corp.; Pres., Kaydee Land Comp.; Mng. Dir., Human Assoc.; 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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SABAH, Alfonso; admin. of companies; mbr of brd: Isr. Gen. Bank, Isr. Am. Leasing Co., Home Loan Bank of Unico Ltd.; born 14 December 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.; brd Heichal Shlomo; p. act. in relig. zion., educ. life in Casablanca (Morocco), 40-55.

9 Diskin St., Kiryat Wolfson, Jerusalem.

SABEL, Harold (Harry); administrator; co-ord. of found matters, Econ. Div., KKL (JNF) Head Office, Jer.; b. London, 1.1. 1909; to Israel, 1949; ed.: grad. East Ham Techn. Coll., London; Oxford U. (Oriel Coll.); London U. (extra-mural); m. Gladys Shapiro; s. Robert Anthony; d. Pamela Loval; p. Chmn: Manhattan Trad. Co. Ltd.. Lloyds over all serv.; mbr: Hagana Lodge, B.B.; Rotary, Jer.; Command Mil. Counter-Intel., Jer. area (IDF), 48-49; Dir., Govt. Press Inform. Off., Jer., 50-51; p. Dir., JNF South. Afr., Engl. & Ireland; p. Chmn, Hitachdut Olei Brit., Jer.; p. Exec. Mbr Jer. YM & WHA; p. Dir., Budget. Div., JA, Jer.; publ. num. articles & leaflets on Zion. subjects; Captain in Brit. Army & IDF.

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SABEL, Robbie; advocate; Dep. Leg. Advis. & Dir. Intl Law Div., M.F.A.; ed.: Carmel Coll., 7ngland; H.U. Jer.- LL.B., LL.M. (w. distinction); Intl Law, Hague Acad. (U.N.fllw); m. Ruth Levin; s. Dan; d. Michal; mbr, Intl Law Assn (Isr. branch); mbr. of its Isr. Brd.; p. res. assist., H.U. p. lctr. Bar-Ilan U.; p. leg. advis., Isr. deleg. to U.N. gen. Assemb., mbr, Isr. deleg.: Geneva conf. on human. law; Geneva, Montreal & Rome Confer. on hum. law; Red Cross Confers. Teheran, Bucharest; Cairo Peace Conf., Dec. 77; author of var. articles on Human. Law & aspects of Intl Law; contrib. to Heb. Encycl. on Intl Law.

Ministry f. Foreign Affairs, International Law Division, Jerusalem.

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; Exec. Mbr: I.U.A., United Communal Fund; Rotarian; co-chmn, Grand Bazaars Ltd; dir., Peltours International; Chmn, Friends of H.U., Cape S.A. Branch; 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.

SACHER, Michael Moses; mbr, J.A. Exec. & Govnr of J.A.; Hon. V. Pres., Zion. Fed. of Gt. Brit.; Jt. Pres & p. Chmn, JIA (U.K.); V. Pres., Jew. Colon. Assn; Govnr: H.U. Jer., Weizmann Inst. Reali Sch.Haifa; mbr.: Exec. C'tee, Weizmann Inst. Fndn; Admn. C'tee JNF, for Gt.Britain & Ireland; p.Press., 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.
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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, 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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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.
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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 71; "A Journey in the land of Israel and meditations on God's disappointment in Love", 74; "To two honorable young Ladies", poems, 77; all edit. by Schocken; works transl. into many frgn. languages; "Life As a Parable", dramatized & perfrm. in Israel.
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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.

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SAFRO, Paul; Cert. Publ. Acc.; snr partner of Elmer Fox, Westheimer & Co., CPA's; brd mbr, UJA; trust.: B'nai Zion, U.I.A.; dep. mbr, ZAC; Pres., Kfar Massada Youth Camp; mbr of many UJA & Bonds missions to Israel (13 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; Vice-pres.: 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.
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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; p. mbr, Town-Council, T.A.; pres., Israel-Ceylon League of Friendship; Pres., United Hungarian Jews; patron of sev. children's institutions; articles, in periodicals, Israel, Hungary, Czecnoslovakia, 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.

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SAMUEL, Edwin Herbert; Viscount; C.M.G.; Dir. "Jewish Chronicle" London, -51; Dir., Ellern's Invest. Co., -64; Vallentine Mitchell, Publishers (London); senior Lecturer, Hebrew U., 54-69; b. London, 11.9.1898; m. Hadassah Goor, 2 s.; ed.: Westminster Sch., Balliol Coll., Oxford; Commonwealth Fund Fellowship, Columbia U., 31-32; Visit. Prof., Dropsie Coll., Phila., 48-49; Visit. Lctr. U. of Witwatersrand, Johannesburg, 55; Visit. Prof., State U. of N.Y., Albany, 63; senior Mellon Fellow, U. of Pittsburgh, 70; Visit. Prof., U. of Miami, 71; author of "The Theory of Administration"; "The Structure of Society in Israel"; "A Lifetime in Jerusalem" (autobiography); "See How They Run" (The administration of venerable institutions); 6 collections of short stories: 'A Cottage in Galilee"; "A Coat of Many Colours"; 'My Friend Musa"; "The Cucumber King"; "His Celestial Highness"; "The Man Who Liked Cats".

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SAMUEL, Jochanan; Assist. Mng. Dir. f. spec. activities, Dagon-Batei Mamguroth Le-Israel Ltd., Haifa; p. Assoc. Dir. (71-75), Bezalel Acad. of Art & Design; b. Berlin, Feb.28,1914; m.: Irm Shulamith Seligmann; 2 s.; Univ. & Teachers' Inst., Berlin; IDF., Com. & Staff College (Lt.Co.); 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-; Coord. of Inform. f. Weizmann I. & Spec. Assist. to Pres., 75-; b. London, 6.9.1921; m. David Samuel; 1 s.; 2 d.; ed.: N.Y. U.; w. Time Mag., 43-48; edit. Isr. 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" (also French, German, Spanish editions); "Israel - Promised Land to Modern State"; edited four-'volume "Weidenfeld Colour Guides to Israel" f. which wrote "The Negev and Sinai".

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& Kaplan Hospitals; publ.: New methods in anaesthetic f. ceaserian sections, 61; Cardiac & respiratory resuscitation, 62; Induced controlled hypotention with sodium nitroprousside (discovery of a new hypotensive agent), 66; Controlled evaluation of epontol disadvantages of the drug, 68; Visual endoctracheal intubation without laryngoscope, 69; Direct laryngoscopy without laryngoscope, 70; successive Treatment in Fat emboli, 73; The Jerusalem (Shiffman) Visual introducer, 73; Advantages of Ketamine anaesthesia in Plastic & Maxillofacial Surg., 73.

31, Hekhalutz St., Beit Hakerem, Jerusalem; Tel. 523526.

SCHIFRIN, Isidor; Advertising Ag.; Chmn. Bonds f. Isr., exec. brd. Natl. Brd. Chmn. Pub. Relat., Natl Brd of Dirs: USO; Boy Scouts of Am.; found. mbr, Natl Jew. Comm. on Scout.; Secr., Jew. Tel. Agcy Brd.; Lay Chaplain: Wld War 1, 2; Fed. Prisons; b. 5.4.1889, Rochester, New York; att. U. of Rochester, Hebrew Union Coll.; m.: Esther Richmond, 29.4.64; ch.: Stuart Godfrey, Elaine; mbr. brd., Am. Assn. f. Jewish Education; Council of Jewish Federations & Wlf. Funds; p. pres., Jew. Comm. Center; p. chmn., JNF; chmn. pbl. relations Brandeis U.; p. pres. Bureau of Jew. Educ. & n. v.p. Cincinnati Hebrew Schools; recipient Silver Beaver & Schofar Award Boy Scouts of Am.; hon. V. Pres., Natl Jew. Wlfr Brd; P.R. for State of Isr. Natl Brd Bonds f. Isr.

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SCHINDLER, Alexander M.; Rabbi; M.H.L.; B.S.S.; b. in Munich, 4.10.1925; educ.: NYC Coll., Hebrew U. Coll. Cincinnati, O.; m.: Rhea Rosenblum, 29.9.1957; V.P., U. of Am. Hebrew Cngrgns.; p. Natl. Dir. of Educ., resp. f. development of Reform Judaism's relig. instruction (63-67); p. Regl. Dir., Federation of Ref. Temples, NE area, 59-63; mbr, Exec. C'tee, W.Z.O. Am. Section; Pres., UAHC, 73-; Dir., UN Assn of USA; mbr: Alliance f. Energy; Exec. of Inst. of Jewish Affairs; past Director, Joint Comm. on Jewish Education of U.A.H.C. & the Central Conf. of Am. Rabbis; currently, mbr. Presidium Wld. Council on Jewish Educ.; ordained Rabbi, 1953; acted as Jew. Chaplainat Longview Hosp. & Asst. Rabbi, Temple Emanuel of Worcester Polyt. I.; f. 5 yrs., Dean natl. Leadership I.; serv. w. US Army, awarded Bronze Star Medal & Purple Heart; publ.: "From Discrimination to Extermination"; p. Literary Ed. CCAR Journal & founding editor of DIMENSIONS; p. Head, UAHC's Publications Program; contrib. to scholarly & prof. Journals; ch.: Elisa Ruth, Debora Lee, Joshua Michel, Jonathan David, Judith Rachel.

6, River Lane, Westport, Conn., USA.

SCHLANG, Joseph; business exec. (investments & cult. admin.); pres., Schlang Manuscript Co., 65-; assoc. publisher: Graphic History of Jew. Heritage, 63; The Bible & Modern Medicine, 63; b. 24.2.1911, NYC; ed.: New York U., BCS, 30; m.: Bernice Breitbart; secr. dir. Kehillah, NYC; mbr, exec. c'tee dir. Syn. Cl. of Am., 47-; dir. Congn Kehilath Yeshurun N.Y., 57-; co-found.: A. Einstein Coll. Med.; Technion, Isr.; mbr, exec. com. Union Orthod. Jew. Cong. Am.; mbr, various clubs; advis., Libr. of Presidential Papers, 66-; natl cl., NY Met. Opera, 60- (1st patron 62-); sponsor, NYC Opera, 62-; brd of dirs, Brooklyn Lyric Opera Co., 72-; cnslt to Mayor's Cult. C'tee of Yonkers; Cult. C'tee of Mamaroneck, 72-; recip. of Proclamations in 1971-72 issued by Gov. N. Rockefeller, N.Y.; author (booklets): Survey of the Financial District of NYC, 40; Financial District of NYC, 56; articles in newspapers & mags.; recip.: Amer. Jew. Lit. Found Award, 60; Syn. Cl. of Am., 64; life mbr: Jew. Chetauqua Scty, 72-; Concert Artist's Guild.

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SCHLESINGER, Michael; Professor of Experim. Medicine & Cancer Res., H.U. Hadassah Med., Sch., Jer., 69-; V. Pres.; H.U. Jer.; Chmn, Auth. f. Res. & Devel. of H.U.; b. 1.12.1932; to Israel, 1933; ed.: H.U., Jer., M.D.; m. Ora Krolik, 1952; 2 d.: 1 s.: mbr. editorial board, Isr. Journal of Med. Sciences; Intl Transplantation Scty; New York Acad. of Sci., Isr. Immunological Scty.

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SCHMIDT (Dresdner), Esther; microbiol.; Corp. Secr. & Dep. Mng, Yeda Res. & Development Co.; b.Poland; to Israel, 1933; ed.: Reali School, Haifa; H.U., Jer.; U. of California, Berkeley, M.Sc. (Summa Cum Laude); widow, late Prof. G.M.J. Schmidt of the Weizmann Inst.; s.: Dan, Yoav; p. Lab. sctn leader in Berkeley; w. Plant Physiology Lab., Bar-Ilan U.; mbr. Sigma XI; papers in Am. Journal of Botany.

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SCHMIDT, Simon; Chairman of CBS Records Ltd.; m. Shirley Gross; 1 s.; 1 d.; to Israel, 1936.

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SCHMIDT, William M.; M.D.; Prof. Maternal & Child Health, Harvard Sch. of P.H., 60-74 (retired); Chmn, Mass. C'tee on Child. & Youth; Med. Advis., JDC, 45-49, 53-57; b. 20.10.1907, Cincinnati, Ohio; ed.: Cincinnati U. — B..Sc., 28; M.B., 30; M.D., 31; Harvard U., M.A. (hon.), 60; alternate mbr. Med. Projects, Subc'tee, UNICEF, 48-49; mbr, WHO, Panel, Maternity Care, 52-57 & Expert C'tee, 52; Advis. C'tee, Exployment of Young Workers, U.S. Labor Dpt, 59-61; Dipl.: Am. Brd. Pediatrics, 44; Preventive Med., 49; fllw: Am. P.H. Assn, Maternal & Child Health Sct; Am. Acad. of Pediatrics; mbr, Am. Pediat. Scty; hons: Alpha Omega Alpha, Delta Omega, M.A. (Hon.) Harvard.

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SCHNEIDER, Tobias; Hon. Cnslt Physician, Johannesburg Hosp. & U. of Witwatersrand; V. Pres., S.A. Diabetic Assn; p. Chmn, Metab., Endocrin. & Diabets Assn of S.A.; p. Pres., Med. Grad. Assn, U. of Witwatersrand; past Pres. (past Chmn), S. African Jew. Brd of Deps; Vice Pres., YMHA; lctr, Jew. Ethics & Med., Moshal Memorial, 70-; born 1.5.1905, London; ed.: Jew. Gvt. Sch. & Jeppe HS, Johann.; U. of Witwatersrand, M.B., B.Ch.; M.D. (Rand); F.R.C.P., Edinburgh; m.: Hilda Lavin; 2 ch.: Caron, Alan; p. Pres.: Assn of Physicians of S. Africa; S. Transvaal branch, Med. Assn of S.A.; Un. Heb. Cngrn of Johann.; p. Chmn, Ethic. C'tee, Fed. Cl. of Med. Assn, S.A.; p. Vice Chmn, Magen David Adom of S.A.; p. mbr, Med. C'tee S.A. Zion. Fed.; pub.: chptr on Diabetic Neuropathy in Handbook of Diabets Mellitus, 71; recip. bronze medal f. disting. serv., Med. Assn of S.A.; Pro Mundi Beneficio Medal Braz. Acad. of Human Sci. f. serv. to humanity.

11 Fifth Ave, Lower Houghton, Johannesburg, South Africa.

SCHNITZER, Moshe; M.A.; President, Israel Diamond Exchange & of Diamond Burses all over the World; diamond exporter; b. 21.1.1921, in Cernautzi; m.: Varda; ch.: Hannah, Shmuel, Ety; att. Hebrew U. (Hist., Phyilos.); to Israel, 1934; First Israeli to become President of an Intl. organization. Was instrumental in erecting the new Diamond Exchange building in Ramat Gan, and generally in the development of Israel's trade in this line; personal adviser to the Min of Comm. & Ind.

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SCHNITZER, Naftali; Dr., physician; p. Chief of Gastro-Enterolog. Clin. Hadassah Hosp., Tel-Aviv; b. 25.4.1916, Vienna; to Israel, 1933; m. Lily Amarant; 2 s.: Menachem, Iair; p. Chief Phys. of Immigr. Dept., Jew. Agcy & Isr. Health Dept. in France & North Africa; p. chief med. column, "Yedioth Achronot" daily; med. publ. in Isr., France & USA; recip. Tel-Aviv Municip. Prize in Med. Res., 48.

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SCHOCKEN, Gidon; Major Gen. (res.); Assist. Gen. Mng., Bank Leumi le-Israel B.M., 60-65, 68-; b. Zwickau, Germany, 28.12.1919; m. Dvora Cohen; 2 d.; 1 s.; ed.: H.U., Jer., 39-41; w. British Army, 41-46; commissioned, 43; w. Jewish Brigade, 44-46; dir., Schocken Books Inc., 47-48; w. IDF, 49-59; Adviser to the State Comptroller, Inspection of Defence and Security Serv., 66-67; Representative of the public, The National Labour Court, 69-77; mbr Exec. C'tee & Chmn Finance C'tee (70-74), Ben-Gurion U. of the Negev, Beer-Sheva.

49, Hachoresh St., Kfar Shmaryahu.

SCHOCKEN, Gershom Gustav; publisher, Editor-in-chief of "Haaretz" (daily); Dir., owner, Schocken Publishing Houses; b. Zwickau, Germany, Sept. 1912; 2 s.; 1 d.; educ.: Heidelberg U., London U.; p. M.K. (Progres. Party); p. Pres. Jaffa-Tel Aviv Rotary Club; to Israel, 1933.

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SCHOENFELD, Yehuda; Physician, Dept. Iner. Med. & Clin. Immunol., Tel-Aviv U., b. Czechoslovakia, 14.2.1948; to Israel, 1949; ed.: Hadassah Med., Sch., H.U.; guest lctr, Jer. & Haifa U.; author of many instruct. med.-books f. stud.; books: Physical Activity & Well-Being; The Skin and the Body; about 100 sci. papers publ. in Isr. & abroad; p. phys. in paratroop. regim., IDF, p. snr investig., Heller Inst. of Med. Res., Tel-Hashomer Hosp.; recip: Heller prize for excel. sci. work, 72; citat. f. publ. on Sauna, heat & cold injur, surveys on physic. fitness & clin. immunol.

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SCHOENHEIM, Johanan; Ph.D.; math.; Snr Dpt. of Math. Sci., Tel-Aviv U.; b. Timisoara, Rumania, 28.7.1920; to Israel, 1960; ed.: U. Montpellier, France, etudes physiques chimiques et biologiques; U. of Cluj, Rumania, M.Sc. Math.; Technion Haifa, Ph.D.; m. Leah Naftali, 1946; 2 s.; p. lctr, U. of Cluj, res., Acad. of Sci., Cluj; Assoc. Prof., U. of Calgary, Canada; mbr: Isr. Math. Assn, Am. Math. Scty, Canadian Math. Congress; over 20 sci. res. works on math.; lctrs at sci. congresses; co-editor: "Combinatorial Structures and their Applications", Proceedings of the Calgary Intl Conference at the U. of Calgary, Canada, 69; recip.: "Nordau" Prize f. Sci.; Award of Canadian Math. Congress.

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SCHOLEM, Gershom; Ph.D.; Prof. (Emeritus) Hebrew U.; Pres., Israel Academy of Sciences and Humanities; b. Berlin, Dec. 5, 1897; m. Fania Freud; educ.: Berlin, Jena, Bern, Munich U.; to Israel, 1923; Prof. of Jewish Mysticism, Hebrew U., 25-65; Dean, 41-43; assigned to salvaging Jewish cultural treasures, 46-52; Visit Prof., Brown U., 56-57; author of "Bibliographica Kabbalistica" (1927, German); "Major Trends in Jewish Mysticism" (1946, English); "The Beginnings of Kabbalism" (49, 73); Sabbetai Zvi and the Sabbatain Movement", 2 vols. (1957, Hebrew); "Jewish Gnosticism and Talmudic Tradition" (1960, English); "Zur Kabbala und Ihrer Symbolik" (1960, German); "Von der Mystischen Gestalt der Gottheit", 62; "Judaica" I-III (63, 70, 73, German); "Ursprung und Anfange der Kabbala" (63); "Einige Grundbegriffe der Kabbala (70); "The Messianic Idea in Judaism" (71, English).

28, Abarbanel St., Jerusalem.

SCHOR, Stanley; Ph.D.; Exec. Dir., Clin. Biostatistics & Res. Data Systems, Merck, Sharp & Dohme Res. Lab.; Adj. Prof. of Biometrics, Temple U. Med. Sch. & Clin. Prof. of Biostatistics, Hahneman Med. Coll. & Hosp., 75-; b. 3.3.1922, Philadelphia; educ.: U. of Pennsylvania, A.B. (Chem.), 43; A.M., 50; Ph.D., 52 (Statistics); m. Irene Sternberg; 1 s. Mark; 2 d.: Robin, Randi; p. Prof. and Chmn(Biometrics Dept., Temple U., Med. Sch.; Vis. Prof., T.A.U. Med. Sch.; Dir., Biostatistics, A.M.A., 64-66; Prof. of Biostatistics, Chicago Med. Sch., 64-66; Res. Assoc., Wharton Sch., U. of Pennsylvania, 49-55; Dir., Periodic Health Exam. Res. Program, 61-64; Dir., Training Program f. Biostatistics in Health Care Evaluation, 70-75; publ. in surg. & med. journals; Chmn, C'tee f. Effecting Optimization of Med. Statist., Am. Statistic. Assn, 70-; V. Pres., Am. Scty f. Clin. Pharm. & Therapeutics, 71-; Fllw.: Am. Statist. Assn, Am. Publ. Health Assn, Philadelphia Coll. of Physicians; Edit Brd, Diseases of the Chest; mbr of var. advis. c'tees; visit. Isr., 74.

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SCHORR, Samuel; Prof. of Radiology; Head, Diagnostic X-Ray Dpts., T.A.-Jaffo Med. Center; Dean, Fcty of Cont. Med. Educ., Tel-Aviv U.; b. Poland, 1915; to Israel, 1926; ed.: H.U. Jer., Dpt. of Biology; R.U., Bologna, Italy, M.D.; m.; 3 ch.; p. Chief Phys., Roentgenology Dpt., Hadassa U. Hosp., Jer.; p. Clin. Assoc.-Prof., H.U.; Fllw, Sci. Cl. of the Intl Coll. of Angiology; Hon.-Fllw, Am. Coll. of Radiology; Pres., 17th Radiological Congress, Isr. Radiol. Scty; 75 contrib. to Radiological Literature.

40, Sderoth Chen, Tel-Aviv; Tel. 265659.

SCHOSSBERGER, Janos A.; psychiatrist, psychoanalist: Dir., Kfar Shaul Work Village; teaching Staff, Jer. Psychoanalitic Inst.: b. Budapest, 4.10.1914; to Israel, 1914; ed.: Vienna U. Med. Sch., 32-38, M.D.; m. Stela Kalmar, 1936; s.: Michael. Eli; d.: Eve, Ruth; med. serv. in the Brit. Army, during 2nd wld war; in public psych. serv., 47-; during & after the war of indep., active in establishing & organizing various psych. unit & services; p. cnslt: Probation Serv., B'nei B'rith Home, Jer.; Youth Aliya; School f. Social Work, School f. Ocupat. Therapy; cnslt, W.F.O. T.; mbr, Intl Psychoanal. Assn; Visit. Prof. of Psychiatry, Pittsburgh U., Western Psych. Inst., by invitation of the Pittsburgh Psychoan. I., Maurice Falk Visit.-Prof., WPIC, 67-68; Visit Prof., Johns Hopkins U. Med. Sch., Dpt of Behavioral Sci., 68; publ.: papers on group therapy, art ther., occupational ther., soc. psychoanalysis, philosophy, etc.; "Deanimation", a major psychoan. study of communication; hon. mention: Controlled Time Flow Sound Film Micro Sequence Viewer, San Francisco, 68.

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SCHRAMEK, Alfred; M.D.; Surgeon; Assoc. Prof.; mbr, Isr. Surg. Scty F.A.C.S.; Head, Dpt. of Gen. & Vascular Surg.; Rambam Hosp.; b. Poland, 10.7.1917; to Israel, 1950; ed.: Vienna U., Diploma; postgrad. sch., Rambam Hosp.; m. 1945; d. Nomi; mbr, Intl Cardiovascular Scty, Europ. Chptr; Intl Surg. Scty; publ. on gen. surg. & vascular topics.

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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 64-65); p. 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 & Friends Org.; Chmn, Brd 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.

175 West Jackson Blvd., Chicago, Ill. 60604, USA.

SCHREIBER, Haim; films & T.V. producer; Dir., MFA; b. Poland, 7.8.1926; to Israel, 1950; ed.: State Acad. Fine Arts, Wroclaw; State H. Sch., Theatre & Film, Ltdz; m. Mina; 2 ch.: Ilan, Amir; consult. in spec. animation; prod., dir., Instruct. T.V. Center; lctr in Film & T.V. dept., Fcty Fine Arts, T-A.U.; p. active in Film & T.V. Union, Histad.; mbr secr., Film Union, 52-66; chief cameraman, Geva, 54-62; Head, Milit. Film Unit (IDF), 52-54; Isr. Police H. Q. Off., investig. div., sci. dept., 64-66; dir. of photo of 5 lang. feat. films & over 100 instruct. & document. films; res. in photo. by invisible light, U.V. & I.R. luminiscence; recip.: prize f. document. "Tent City", Boston film fest., 51; 1st prize Zabar f. "Towards the Sky", Isr. 1st film fest., Haifa; prize of film critics f. doc. 'Hey Daroma l'Eilat"; 55; 2nd prize f. "Arad", Intl Fest. Work F., Tel-Aviv,61.

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SCHULMAN, Lawrence S.; Assoc. Prof. of Physics, Technion H.; Prof., 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.

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SCHULZINGER, Morris Simcho; Physician; Conslt, Natl Inst. Occupat. Safety & Health; b. Serei Lithuania, 19.12.1900; ed.: sev. Yeshivot, 10-14; Heb. Gym., Mariampol, 19-20; Cincinnati U. — B.A. 25; M.A., 27; B.M., 28; M.D., 29; Res. Fllw Biochem., Coll. of Med., 26-28; Intern Hosp., 28-29; res. fllw, exper. med., 29-30; m. Rachel Gurwitz; ch.: Penina Frankel, Judy Lucas, Chana Slavita Rosen; Pres., Joseph N. Schulzinger Memorial Fndn,67-; found. & Pres.: Cincinn. Jew. Bible Scty, 76-; Am. Friends of Wld Bible Center, Jer., 77-; mbr. Adath Isr. Cngn, Histadruth, Farband and num. cultu., educ., relig and charit. inst. in U.S.A. and Isr.: prof. mbr: AMA, OSMA, CAM, FAAFP, APHA, AOMA, FIMA, Phys. fllwsh. for Isr. Med. Assn; lifetime stud. of accidents led to publ. many sci. papers & auth. of book: The Accident Syndrome, 56; guest lctr on accid. causation and prevent. at many U-ies in USA, ISRAEL, WHO; sci. exhibits at 1954 annual meeting of AMA; p. found. & Pres., Cincinn. Cl., Am. Jew. Congs, 34-41; initiat. & co-found, Cincinn. Jew. Vocational Serv., 35; Chmn, J.V.S. C'tee on discrim. against Jews in employm., 35-41; publ. : Likutei Chaim by Horav Chaim Schulzinger, 58-; co-publ. : The Kuzari by Reb Yudah Halevi, by Dr. Yehuda Eben Shmuel; 73; Res. in Ecclesiastes & Proverbs by Meir Eiliueini — a Siberian Scholar, 77; recip: Charter Fllw AAFP; Fllw AIMA.

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SCHVARTZER, Ernesto; Civ. Eng.; head of var. eng. projects in Jerusalem Reg.; b. 15.1.1951, Buenos-Aires, Argentina; to Israel 1971; ed.: Colegio Nacional & U. of Buenos Aires, B. Sc.; **grad. Technion Haifa, 73;** M.A. stud. (urbanization), Tel-Aviv U.; served IDF (rank of lieut.); p. act. in Jew. Community & Conservative Mov. in Argentina (Kehilat Beth-El); deleg. to 29th W.Z.C., Jer. (on behalf Dem. Mov. f. Change).

4 Ben Jehuda St., Herzliyah.

SCHWARTZ, Chaya; art. painter; b. Poland; to Israel, 1930; ed.: Bezalel Sch. of Arts, Jer.; w. the painters Paldi & Zaritsky; w. Marcel Gromaire & Othon Friesz, Paris, 36; part. show Gall. Niveau, 38; one-man shows in Israel: T-A Mus., 49; Mus. Jer., 61; Yad Lebanim, P. Tikva, 65; Negev Mus., Beer-Sheva, 66; Haifa Mus., 69; abroad: Paris, 50; London, 53; Rome, 62; Paris, London, 64; main group shows: Jew. Paint. Paris Sch., Paris, 59; Marseille, 64; Jer. 67; Venice Biennale, 58; recip.: Dizengoff Prize, 44, 49,60; setlled in Safed, 53; her works, in many publ. & private colls & Museums in Isr. & abroad.

Artists' Colony, Safed; tel. 067-30226;
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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-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; French Society of Immunology; Society of General Microbiology, 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.

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SCHWARZ, Avi; diamond dealer; painter; b. 1938, Rumania; to Israel, 1948; paint. studies, Avni Inst. Tel-Aviv, w. Marcel Janco, Streichman, Steimatzky & w. Zvi Shorr and Prof. Schwartzman; m.: Nurit Rosen-

boim; 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.
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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.
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SCHWARZ, Gideon E.; Assoc.Prof. 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 department), 70-72; three daughters: Sharon, Orit, Yael; one son: Amnon; 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; 10 times spkr on "Epilogue" & lctr on Tibetan Buddhism; invited 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., flwshp by the Miller Inst. f. Basic Res. in Sci., 64-66; fllwshp, Inst. Adv. Stud. Mt. Scopus, 75-76; Visit. Assoc. Prof. Maths, U. Cal. Berkeley 73-74.
Statistics Dept., Hebrew University, 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; Judaism and the Lonely Jew, 74; The Faith of Israel and its Culture, 77; Between Orthodoxy and Religious Humanism, 77.
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.; Disting. by Gov. of Germ. Fed. Republic, 73.
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; one-man shows; Tel-Aviv; 65, 67, 70, 73, 78; abroad : Bielsko Museum, 50; Culture House, Cracov, 55; Intl Paint. Exhibition of Women, Paris, 67, 68; Intl Bienale, Vichy (France), 70; Intl Exhib. of Art, Biarritz (France), 75; 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; tel.067-32132.

SCHWIMMER, Al. W.; p. President,Israel Aircraft Industries Ltd., 52-78;born inUSA, 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-; Koor Trade, London, 75-78; Koor Glass Div. (Phoenicia), 78-.
44a, Vitkin St., Haifa, Ahuza; Tel. 242481.

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., 63-68; Chmn, Task Force on Advanced Jud. & Legal Ed., 74-76; Natl Coord., Coalition on Adequate Jud. Compensation, 75-76; Pres., Am-Bar Fndn, 76-; Life Fllw, ibid.; Life Mbr & Pres. f. Amer., Wld Assn of Lawyers, 76- 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; Am. Bar Assn Gold Medal, 76.

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SEGAL, Iancu; surg.; Dep. Dir., X-Rays Dept. Rothschild U. Hosp., Haifa; lect. f. stud., Med. Sch., Haifa; lect. for physic., H.U. Jer.; b. Rumania, 22.2.1924; to Israel, 1963; ed.: Fcty of Med., Yassy U., Dr. Med. & Surg. 50; spec. diagn. radiol. & therap. radiol.; m. Clara Suchar; p. spec. & snr phys. Dept. Radiol. U. Hosp. Yassy; snr lectr, Facty Med., & post-grad. courses, ibid.; articles in var. med. journals in Isr. & abroad.

5 Haprahim St., Romema, Haifa; tel. 252671.

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., Center f. Advancement of Family Life; mbr, Am. Assn of Sex Educators & Counselors; Isr. Assn f. Sex Ed., Isr. Assn of Family; 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.; Assoc. Prof., Dept. Aeoro, 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 (Snr Res. Assoc., 75-77), publ. on Fluid Dynamics.

13a Lionel Watson St.,Haifa; tel.04-251980

SEGRE, Emilio; Prof. of Physics — U. of Palermo, Italy; San Marcos U., Lima; Prof. of Nuclear Physics, U. of Rome, 74-; 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 Walsby; Ass. Prof., U. Rome, 28-36; Prof. of Phys., 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; American Philosophical Scty. Phila.; American Academy of Arts and Sciences, etc.; co-discover: Slow Neutrons, Elements At.Tc Pu Antiproton; author:Nuclei & Particles, Benjamin 63,77; E. Fermi, Physicist, U. of Chicago Press, 1970; about 120 papers in sci. journals; awards: Hoffman Medal, German Chem. Scty; Medaglia Cannizzaro, Accad. Lincei, Roma.

3802 Quail Ridge Road, Lafayette, Ca. 94549, USA.

SEIDEL, Hillel; M.K. (Likud), 77-; p. member of the Knesseth (Ind. L.), 74-; mbr., Independent Liberals, Chmn., Central C'tee, Liberal Labour Mov.; 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-.

31, Brandeis St., Tel-Aviv; Tel. 442544.

SEIDEN, Norman Jack; Exec., Mech. Eng.; Chmn, Brd, Melnor Industries; Natl Exec. C'tee, UJA; deleg., JA; Brd. Gvnrs, Technion; Natl Exec. C'tee, State of Isr. Bonds; Chmn Brd. Bergen County UJA; Chmn. Brd of Dirs., Am. Technion Scty; Chmn Brd of Trustees, Englewood Jew. Comm.Center; b.Worcester, Mass. 24.2.1925; educ.: Purdue U., B.S. Mech. Eng.; Columbia U., grad. stud., 45-46; m. Barbara Cohen; 3 ch.: Stephen, Pearl, Mark; Brd of Trustees, Englewood Hosp.; Pres. & Dir.: Carol Park Development; Herrod Constr. Co., Inc.; Aw.: Anti-Defamation League Torch of Liberty; State of Isr. Aw. as outstanding. Trade Promoter; UJA Testimonial Dinner, 74; vis. Isr. approx. 50 occasions.

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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, 71-76; 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.

5, Hehadar St., Neve-Magen, Ramat-Hasharon; Tel. (03)774309.

SELA (Salomonowicz), Michael; M.Sc., Ph.D.; Prof., Chem.; Pres., Weizmann Inst. of Sci., 75- (p. Head, Dpt. Chem. Immunnology; Dean of Faculty of Biology); member of Board of Governors & Exec. Cl., Weizmann Instit.; Isr. Acad. of Sci. & Human.; Cl. of: Intl Un. of Pure & Appl. Biophys.; Intl Un. of Immun. Scties; Chmn, Cl. Europ. Molec. Biol. Org.; V. Pres., Intl Union of Immun. Scties; Chmn, Advis. Brd Basel Inst. of Immun.; mbr, Intl. Cell. Res. Org.; WHO Expert Advis. Panel of Immun.; Intl Medical Advis. Brd of Intal Fed. Multiple Sclerosis Societies; b. 6.3.1924, Tomaszow, Poland; married; 2 d.; ed.: H.U. Jer.; Geneva U.; Israel Prize in Natural Sciences, 59; Rothschild Prize in Chem., 68; Otto Warburg Medal of Germ. Scty of Biol. Chem., 68; Emil von Behring Prize of Phillips U., 73; Mbr, Pontifical Acad. of Sci., Hon. Mbr: Am. Assn Immunol.; Am. Scty of Biol. Chemists; Frgn Hon. Mbr, Am. Acad. of Arts & Sc.; Frgn Mbr, Max Planck Scty; Hon. Mbr: Harvey Scty; Scandinavian Scty f. Immunology.

Weizmann Institute of Science, Rehovot.

SELIGMAN, Ruth; journalist b. Boston, 5.11.1926; to Israel, 51; ed.: Radcliffe Coll., Harvad U., B.A. magna cum laude, Phi Beta Kappa; at. Harvard Grad. Sch. of Bus. Admin; widow (husb. Harold L. Seligman, dec. 1973); 1 d.; 2 s.; assoc. mbr, Forgn. Press Assn.; Life in Israel corresp. f. Hadassah Magaz.; contrib. to: Amer. Zionist, Pioneer Women, Natl Jew. Monthly, Reconstructionist, etc.; Israeli publ., i.a.: Isr. Digest, Shalom (Min. Frgn Affs), Rehovot (Weizmann Inst.), Technion, Press Ser. WIZO; prepares booklets, promotional & publ. relat. & feature materials. f.: Isr. WIZO, Brit. Zion. Fed., Ass. of Amer. & Canad., JDC/Malben, Cl. f. a more beautiful. Isr., Min. Immigr. and Absorp., Jew. Agency.

55 Joseph Zvi St., Ramat-Gan.

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; also wrote music for: T.V. series Moses the lawgiver" (starr. Burt Lancaster); „Entebe Operation Thunderbolt"; Three Hotsmachs", Chamber Theatre; etc.
19, Netiv Hamazalot, Jaffa.

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.
6, Uri St., Tel-Aviv.

SENDER, Henry Herman; Arch. Eng.; bldg. corp. exec.; p. Pres., ZOA; Pres., ZOA Nashville Dist., 65-68; Pres. Un. Synag. of Am., S.E. Reg., 76-; Pres. (70-72); Weit End 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. 21.7.1923, 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) "Earth 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 - Killed in action); mbr, edit. brd of the Publishing House; also publ. „Tandu", 73.
Revivim, Negev.

SENED, Yonat; writer; b. in Czenstochova, Poland; 11.8.26; m. to Alexander Sened, writer; s.: Ytai Daniel (1 s., Yoav-Killed in act.); 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, "Earth without Shadow", "Between The Living and The Dead"; "Another Attempt"; "Tandu"; Lctr, Heb. Lit., Ben-Gurion U. of the Negev, Beer-Sheva.
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; Royal Society of Medicine, London; Med. Cl., Sick Fund; Israel Assn for Internal 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.

SERUYA, Solomon A.; dir., S.M. 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 (Staro minsky), 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.; 4 String Quartets; Variations f. Orch. ("Judith", "Fantasia", "Meditation", Rounds") award. : 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.

SETLEIS, Lloyd; Dr.; Dean, Wurzweiler Sch. of Soc. Work, Yeshiva U., 75-; b. Philadelphia, Pa., 1925; educ.: Long Island U., B.A., 48; U. of Pennsylvania Sch.

of Soc. Wk., M. Soc. Wk., 50; Dr. Soc. Wk., 59; married; 2 ch.; cnslt. f. many leading serv. orgs.; teached 13 years at U. of Pennsylvania's Sch. of Soc. Wk.; mbr, Wurzweiler Facty, 68-; Chmn, Sch. Doctoral Program & developing Center f. Jew. Continuity; case worker w. Children's Serv. Bureau, N.Y. & Vet. Admin. Hosp., Lyons, N.J.; Lenox Hill Neighborhood Assn, Wel-Met Camps, N.Y.C.; YMHA, Irvington, N.J.; publ. articles in profess. journals.
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SHAARI, Yehuda; lawyer; Chmn of Executive, Independent Liberal Party; past mbr of 5, 6, 7, 8th's Knesseth; mbr of Comm. f. Frgn Affs & Cecurity; Chmn, Indep. Liberal faction in the Knesseth, 74-; Chmn, Direct. of Isr. Govt. Tourist Corp., 74-; Dep. Min. of Tourism, 69-74; 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.
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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.
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ters w. students; conducted workshops; trained many Isr. name-players: Ili Gorlitzki, Avraham Mor, Ester Greenberg, Shoshana Shani, Yosef Karmon, Zipporah Peled, Tom Levi & others; adjudicated and lectured at kibbutzim drama groups; Conslt. f. Min. of Education's cult-recreational program; contrib. chapter on Isr. theatre to Encyl. of Israel-Zionism; also Encyl. of World Drama; article Drama Activities in Isr. Agric. Settlements to Educational Theatre Journal; articles to Back Stage; books publ. : The Theare in Israel, Curtain Time for Jewish Youth; lctr. on Isr. theatre: Herzl Inst., B'nai Brith, Hadassah, redio-TV; Drama Dir. youth & adult groups — YM-YWHA-s U.S.A.; Guest Prof., Theatre Dept. East Carolina U.; Dir.: Manitoba Theatre Center, Winnipeg; Ontario Council of the Arts, Cornwall, Can.; Shaw Society of America, Equity Library Theatre, stock companies; among 100 plays staged: The Sea Gull, Liliom, Idiot's Delight, Born Yesterday, The Diary of Anne Frank, The Miracle Worker, The Heiress, Summertree, originals; born New York City, U.S.A.; ed.: Hunter Coll., New School, Amer. Theatre Wing, Lessac Inst. Voice & Speech; awarded shcolarships to: Neighborhood Playhouse N.Y.; Vakhtangov Theatre, Moscow; Mbr.: Soc. of Stage Dir. & Choreographers, Actors' Equity, ZOA, Hadassah.

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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); "Stray Birds" Tales of "Women", "Wings of Death", „Fireflies' "The Herald of Spring", "Read Oleandres" etc.; "Miss Jerusalem" 54; Klausner Prize, 57.

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SHAMGAR, Meir; Justice of Supreme Court of Israel, 75-; Attorney Gen., 68-75; 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 Brig. Gen.); Chmn, Advis. Cl., Inst. of Criminol. Tel-Aviv; mbr Cl. of Intl Scty on Law of War, Strassbourg.
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SHAMIR, Maxim; graphic artist; p. part. 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 with his brother Gabriel a studio for graphic art; designer of postage stamps for Israel, Nigeria, Ghana, Dahomey, Suriname, Republic of Maldives, Togo, Bahamas, Grenada, Trinidad-Tobago, Dominica, Antigua, St. Helena, Solomon Islands & Falkland Islands; free lance work in London, 58-60; posters f. the British General Post Office; First Prize, U.N.O. Air Mail Stamp, 74; UNO (Genève) emblem f. Labour & Development; Israel Coat of Arms, Israel Post emblem, etc.
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SHAMIR, Meir; Isr. Consul Gen., Strasbourg, 77; Dep. Dir. Div. of Europe, M.F.A., 73-77; Isr. Ambass., Libreville-Gabon, 71-73; Israel Ambass., Rep. of Mali, 67-71; b. Arad, Rumania, 5 December 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 Acad., Mbr of Knesseth (Likud), 77-; 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"; "Bavit b'Matzav Tov"; "Ha-Yoresh"; "Ha-Gvul"; "Hayai im Ishmael"; "Israel-Am Veeretz" (4 vols); plays performed by Habimah, Ohel, Chamber, Zavit, Haifa Municipal Theatre, etc.
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SHAMIR (Steinberg), Moshe; Civ. Eng., Chmn, Brd of Dirs & Pres., Vishay Isr. Ltd. (electronics); V. Preis., Vishay Intertechnol. Inc (USA); Chmn Brd of Dirs & mbr Exec. C'tee of Teva Pharm. Indust. Ltd., Dir. & mbr, Exec. C'tee of Sugat Food Indust. Ltd.; b. 7.12.1923, Vilna, Poland; educ.: Technion (1946); m.: Lea Elstein, M.Sc. (Hebrew U.); 4 ch.: Reuvat, Yael, David, Tamar; to Israel,1926; mbr, Haganah, 37-; rank of Major (res.) in IDF, War of Indep.; now Judge Reg. Labor Court; mbr, Exec. C'tee of Isr. Export Inst. Chairman, Electrical Division of the Israel Export Inst.; Exec. C'tee., Manufacturers Assn of Israel; Assn of Eng. & Arch. of Isr.; Israel Mngmnt Center;recip: Industr. Award Isr., 75.
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SHAMIR (WACHSMAN), Nachum; p. Pres., "Beth Berl" Labour Ctr. f. Study, Educ. & Res., 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.
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SHAMIR, Shimon; Assoc. Prof. of Middle East Hist. in Modern Times; Dir., Shiloah Center, 66-73; Head, Dept. of M.E. Hist., (66-71; Visit. Prof. U. of Pennsylva-

nia , 76-77; Snr. Res. Fllw, Shiloah Center f. M.E. and 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., 71-76; articles on Syria & Palestine under Ottoman Rule; books on Contemp. Egipt; book on Modern History of the Arabs in the Middle East (Hebr.);works on Arab intellectuals & political trends; interdisciplinary field-research on Palestinian Society.

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SHAMIR, Yitzhak; Speaker of the Knesset; 77-; b. Poland, 1915; to Israel, 1935; ed.: grad. Heb. Scndry Sch., Bialystock; Law, Warsaw U. (part.) & H.U. Jer.: married; 1 s. 1 d.; jointed Beitar at early age; w. Irgun Zvai Leumi (Ntl Milit Org.), 37; after split within IZL, joined Lohamei Herut Yisrael. (Isr. Freedom Fighters), 40-41 and cont. until establ. of the State; after murder LHY command. Yair Stern, re-org. LHY Cent. C'tee w. Dr. I. Scheib-Eldad & N. Yellin-Mor, & coordin. its organ. & operat. activ.; twice arrested by the Brit. Mandat. Auth. (in 41 & 46) & twice escaped; after 2nd esc. from Eritrea, arriv. Djibouti through Ethiopia, & was given polit. asylum in France; return. to Israel, May 48; until 55 kept out of publ. limelight; join. Civil Ser., snr post, 55-65; bus. mng var. concerns; 65-; during this time, active f. Soviet Jewry; join. Herut Mvmt, 70, elect. to its Exec. Direct. Immigr. & Org. Dept., elect. chm of Mvmt's Exec. C'tee, 75; & re-elect. unanim. 77; elect. to 8th Knesset by Herut, 73 (mbr, Defense & Frgn. Affs & State Comptroll C'tee).

Knesset, Jerusalem.

SHANAN, Joel; clinical psychologist; M.A., Ph.D.; Chief Psychologist, Hebrew U.-Hadassah & Assn. Prof., Psych. & Psychol. Dpts, 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 for Aliat Hanoar, 45-50, & Min. of Culture & Educ., 45-42; partic. war of indep., Jerusalem Brigade & Golani Brigade, 47-49; Prof.: New York U., 67; Bonn U., 71; Govt. Cnslt, on Staff Selection, 60-; publ.: Adult Coping Behavior, Middle Age & Aging, Stud. Selection & Devel.; mbr: Israel Gerontol. Assn, Israel Psych. Assn, Am. Psych. Assn, Intl Org. f. Applied Psychology, etc.

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SHANE, Joseph D.: US investment banker; Hon. Natl Chmn, UJA; p. Chmn, Isr. Bonds Drive; mbr., Illinois bar, since 1928; b. 1907, Chicago; educ.: Northwestern U. School of Law; m. Jean Levy, 1938; ch.: John, Joan; 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.

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SHANI, Aron; Spokesman, Mng Publ. Relat. DAN-Coop.; b. Rumania, 11.3.1922; to Israel, 1934; ed.: grad. Journal. Sch.; serv. Brit. Army & Jew. Brigade, 5 years; distinct by Brit. Auth.; Hagana, arms cache; etc.

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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 Isr. Pharm. Journ.; Visit. Prof., U. of Nogoya, Japan, 74; Visit. Assoc. Prof., U. of S. Cal., Los Angeles, 74-76; over 60 sci. papers in gen. pharmacology, endocrinology & radiobiology.

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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).

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SHANOON, Elhanan; C.P.A. (Isr.); Assist. Gen. Mng. 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.

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SHAPIRA, Amos; Assoc. Prof., 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; 3 d.: Limor, Seagal, Efrat; p. private law practice; mbr, Israel Bar; mbr, Tel-Aviv University, Faculty of Law, Senate and Brd of Trustees C'tees f. the Redrafting of the Statutes; Visit. Prof., Yale U. Law Sch., USA, 74-75; mbr: Isr. C'tee of Amnesty Intl; Isr. U-ies Study Group f. M.E. Affs; Isr. Press Cl.; book: "The interest Approach to Choice of Law", The Hague, 70; articles (Heb. and 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; award by Pinhas Rosen Fund.

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SHAPIRA, Isaac; teach.; M.A.; Princ., Reali Sch. Haifa; b. Poland, 1907; m. Betty Rosenberg; 1 d.; educ.: Teachers' College, Jerusalem; London U.; p. Principal, Kiryat Motzkin Sch., 33-44; Vice Princ., 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.; Brd of Govs. Haifa U.; Trust., Fund f. Cult. & Art, Haifa Munic.; Hon. Freeman, City of Haifa; publ.: History of the Nations in Modern Times; Pages from the Life Book of an Educator; From the Point of View of an Educator; articles in educ. journals & other periodicals.

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SHAPIRA, Rina; Ph.D.; Prof. of Sociol.; Dean, Sch. of Educ., Tel-Aviv U., 78-; Dean of Students, Tel-Aviv University, 75-; 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., "Hand Across the Sea" (on youth movt. in underdeveloped countries), 72; "Professional Elite in the West Banc" (w. S. Shamir), 75; "Youth Movement in Israel" (w. H. Adler); "Who is the Israeli Student", 73, & "Political Culture in Israel", 77 (w. D.E. Etzioni-Halevi); also publ. sci. profess. reports; lctrs on var. intl cngress.

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SHAPIRA, Sergiu; composer, conductor; lctr, Jer. Academy of Music, 62-; 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 Compos.; mbr Isr. League Compos.;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).

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SHAPIRO, Abraham; S.A. Businessman; communal worker; mbr, Israel-So Africa Trade Assn; particip. to Prime Minister's Economic Conference, Jerusalem, 69, 73; Chmn & Mng. Dir., Sea Products (S.W.A.) Ltd; Dir.: S.A. Fish Oil Producers Assn; Lamberts Bay Holdings Ltd; United Oceana Holdings Ltd., South West African Fishing Ind.; Chmn. S.A.Rock Lobster Assc. Chairman Federal Marine Ltd; S.A. Fish Meal Producers Assn; b. 1905 & educ. in Russia; m. Ida Propis; 3 s.: Dr. Gerald, Asher, Barnet.

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SHAPIRO, Ascher Herman; Mech. Eng. & Educator (D.Sc.); Ford Prof. of Eng., MIT, 62-75; Inst. Prof., 75-; p. Head M.E., 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.; Natl Academy of Sciences; Natl Academy of Eng.; Am. Academy of Arts & Sciences; 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; Lamme Award of Am. Scty f. Eng. Educ., 77; publ. : ab. 70 techn. 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; contribution to: 4 books; 6 patents; 3 motion pictures; many unpublished reports, classified & unclassified, on research projects, etc.

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SHAPIRO, Shimon Y.; Snr 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., Oil Exploration (Investments) 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.

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SHAPIRO, Sylvia; communal worker; Chmn, Publ. Rel. C'tee Hadassah Cl., Isr.; b. New York, 10.3.1910; ed.: B.A.; Hunter Coll., N.Y., 31; to Israel, 1971; widow of Ezra Z. Shapiro, the late Wrld Chmn of Keren Hayessod, Jer.; 2 ch.: Rena, Daniel; mbr: Isr. Assn, Univ. Women; Brd Ezrath Nashim & Mental Health Center; Women's League, Agron Syn. Jer.; life assoc. mbr, Hadassah Natl Brd. 47- (Natl Cent. States Reg. Pres., 28-50; V. Pres., 50-53); Brd. Trust., Bur. Jew. Educ., Cleveland, 58-70; Coll. Jew. Stud., 62-70; Bonds Natl Wmn's Div., 62-65; UJA, Wmn's Div. 60-64; speaker, Clevel. C'tee Civ. Rights; recip.: Alpha Epsilon Phi.; Myrtle wreath aw., Hadassah.

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Medical School, Kharkov U.; Law School, Jerusalem; to Israel, 1924; co-founder, Kibbutz Givat Hashlosha; first Attorney General, mbr, Labor Pty; resigned mid term 3rd Knesset; private lawyer until app. to the cabinet.
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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.
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SHARF, Andrew; B.A., Ph.D.; Historian Prof., Head of Gen. History Dept., 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. The Universe of Shabbetai Donnolo", 76; "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); also contrib. to Heb. Encycl.
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SHARKANSKY, Ira; Prof. of Pol. Sci. & Pub. Admin., H.U. Jer.; b. 25.11.1938, USA; to Israel, 1975; ed.: Wesleyan U., B.A. 60; U. of Wisconsin, Ph. D. 64; m. Ina Goldberg; s. Stefan; d. Erica; books: Public Administration: Policy-Making in Government Agencies; The Routines of Politics; The United States: A Study of a Developing Country; The Maligned States; co-Auhor: Urban Politics & Public Policy; The Policy Predicament.
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SHARON, Ariel; Minister of Agriculture, 77-; Special Advisor to Prime Minister I. Rabin, 75-76; p. 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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SHILOAH (Langsam), Zvi; head, Information Dpt., Israel Institute of Productivity, 54-76;p.edit."Hamifal"; Chmn of Mvt f.Er. Israel Integrity mbr C.C. of Likud; editor, "Zot Ha'aretz"; born, Borislav (Ga-Likud; ed. "Zot Ha'aretz"; 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.

SHILO, Efraim; agric. planner; mbr of Kibbutz; b. Poland, 5.3.1916; to Israel 1936, ed.: High Sch. & U., Frankfurt, 30-34; U. Paris, Belgrade, 46-49; agric. & econ. train., Isr., 51-56; Bar-Ilan U., 74-77; m. Jedida Ert; 4 ch.: Nurit, Ada, Erela, Chaia, mbr C.C. Brith Hatenua Hakibutzith; brd dir.: Mekoroth; Intl Org. f. Rural Devel.; Econ. Res., H.U.; Tahal, p. w. Prime Min.

Off.; Jew. Ag.; Min. of Agric.; mbr. Tirath Zvi-; 37-; mbr.Mossad,42-49 (repr.Mossad in: Iran; 42-45; Egypt, 45; Balkans, 46-49); act. f. immigr. of North Africa, 49-51,56-58;head agr. plan. Beith Shean reg., 51-56, 58-62; head agric. devel. miss., Casvin area; Iran, 62-63; Jew. Ag., 64-66; dir. plan. cent., Agric Min., 66-76; p. chmn brd. Binui Upituah; agr. dev. plan f. Trinidad & Tobog., 70; idem f. Ivory Coast, 73; publ. in Isr. & for. press on agric. planning.

Tirath Zsvi, M.P. Beith Shean.

SHILOH, Michael; publ. relations off.; Assist. Director General, U. of Haifa, 69-72; Counselor, Embassy of Israel, Japan, 72-; 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 daughters: Avigail, Tamar; 1 son: Yehonathan; with IDF, 52-55; p. mbr of Kibbutz Yiftach, 53-57; p. dir. Research & Sci. Instit. "Beth Berl", 61-65; Israel Consul in N. Y. City, M.F.A., 65-69.

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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.

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SHIMONI, Yaacov; Isr. Ambas. to Switzerland, 76-; Assit. Dir. Gen., Frgn Min., 68-76; Visiting Professor, Hebrew U. Jerusalem, 73-75; born 1915, Berlin; 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", 65,-77; 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.

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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., Dir., Soc. Policy Group, Office of Dep.P.M.;p.Prof.Pub.Admin. Tel-Aviv U.; Dir., Isr. Inst. Strategic Studies (Stratis.); p.Fellow,Cent.f.Adv.chmn of Brd Advanced Technol. Ltd.; Isr.Found Trust.; p. Dir. Gen., Natl Council f. Res. & Development; b. Pittsburgh, U.S.A., 1919; m.: Rose née Freeman; 3.s. sons; Jonathan, Isaac, Gideon; 3 s. & 2 d. Michal ed.:Avigail, B.A. (Princeton); M.Sc. (Cal. Tech.); Ph.D. (economic and government) Harvard U.; in aerodynamic research, aeropl. design (USA); Colonel, Dir. of Operations, Israel Air Force, -56; p. Tutor in soc. Stud. (Harvard); publ. classified research, aeronautical science; on science policy & Govt.; econ applic. of nuclear science; on regl. econom development; on computer applications, pub. admin., govt.; econ. & eng.

Hanassi St., Herzliya-Pituah.

SHINAR, Zvi; painter; found. Art Institute "Shinar", Tel-Aviv; b. 16.1.1936, Rumania; to Israel, 1950; stud. paint. in Isr. by famous artists such as Marcel Janco, Jean David, Haim Nahor, Gershon Davidovitz, Yehoshua Grossbard; stud. at Art Students League, New York (under the famous colorist Ben Cunningham), 68; lived f. a while in Ein Hod Artists Colony; m. Shoshana Rottenberg; 3 ch.: Avigail, Nimrod, Nitzan; mbr. Isr. Paint. & Sculpt. Assn.; one-man shows: Israels Gall., Tel-Aviv, 74; perm. exihb. at Klayim Gall., Rishon Lezion; part. in num. gen. exhibs, incl. Helena Rubinstein Pavilion, Tel-Aviv, 67.

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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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of Mngrs, Simon Marks Jew. Primary Sch.; 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"; "The Structure & Org. of Zion. Movement"; book reviews f. "World Jewry", "Jewish Observer & M.E. Review", "Gates of Zion", etc.; lctr on zionist, Israel & M.E. topics; lctr on criminology.

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SHOMRON, Gideon; Dir., President's Office, 65-71, 74-; born 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, 71-74.

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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.

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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.

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SHOSTAK, Eliezer; Minister of Health, 78-; Mbr of the 9th Knesseth (Likud) past Secretary Gen., Histadrut Ovdim Leumit, Israel; b. Poland, Dec.16, 1911; m.: M. 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.

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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.

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SHREM, Yerachmiel; Senior Vice Presid., Commercial, El-Al Israel Airlines; b. 1920, Jerusalem; ed.: Publ. Admin.; married; s. David; d. Rachel; p. Secr. Aviation Club, Jer., 37; p. glider pilot; w. BOAC, later El-Al — as head of Isr. branch; repr. to Italy, France, etc.

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tomological Scty; Zool. Scty of London; intl 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.: 134 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; biol. control of field mice.

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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; Musical Adviser, Jerusalem Music Center.
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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. Dist. Serv. Award Am. Scty Clin. Pathol. 77
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STERN, Max; V. Chmn, Brd of Trustees, Yeshiva U.; b. Fulda, Germany, 22.10.1898; educ. in Germany; to U.S.A. 1926, establ. Hartz Mountain Products Corp.; married; 7 ch.; Pres., Sternco Industries; Dir., Brd of The Trade Bank & Trust Co.; benefactor to Yeshiva U. & other educ. inst. in U.S.A. & abroad; mbr, Brd of Trustees 41-, clearing up 800,000 mortgage indebtedness of Yeshiva U.; sparked campaign to establ. Med. Sch. & Stern Coll. f. Women; mbr Brd Gvnrs, Albert Einstein Coll. of Med.; Pres., Jew. Center of N.Y.; active in UJA, Fed. of

Jew. Philantr.; Am. Friends of Isr. Insts, B.B.; Yeshiva U. awarded him hon. degr. Dr. Humane L., 55; Syng. Statesman Aw. from Syng. Cl. of Am., 60.

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STERNLICHT, Beno; Ph.D. Eng.; Techn. Director and Board Chairman, MTI;member Natl Acad. of Sci.; b. 1928, Poland; ed.: Union Coll., BSEE, 50; Columbia U. - M.S., 51, Ph. D., 54; married Lisa; three children: Mark David, Eric Alan & Ioshua Hugh; G.E.Co. Staff Eng., 51-54; Spec. Appl. Mech., 54-58; Cnslt Eng., 58-61; co-found., MTI, 61; Pres., 97 Fort Wash. Corp. NYC, 61-; Huben Assoc. Corp. NYC, 59; Ameast Distributors Corporation NYC, 49-; Starlight Holding Corp. NYC, 49- 172 E. 4th St. Corp. NYC, 49-; Dir. Small Diesels Ltd. India; New East. India Ltd.; Chmn, NASA C'tee on Power & El. Propulsion, 69-72; mbr: Brd VITA - Volunt. in 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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STERNSTEIN, Joseph Philip; Rabbi, Temple Beth Sholom, Roslyn Heights, N.Y.; Natl Pres., ZOA Mbr: Presid of Wld Zion Cl., Exec. of Wold Un. of Gen. Zion; Secr., N.Y. Brd of Rabbis; Dr. Hebr. L.;Dr Jur.;b.USA, 20.8.1925;educ.: Brooklyn Coll., B.A.; St. John's U. Sch. of Law, J.D., LLB; J.Th. Sem. — D.H.L., M.H.L.; m. Geraldine Cohen; 4 ch.: Judith, Rachel, Gerson, Hillel; p. V. Pres, Comm. on Syng. Relat., Fed. of Jew. Philanthr.; Chmn, UN Deleg. of Syng. Cl.; mbr Rabbin. Assbly of Am.; auth.: Comparative Analysis of Jewish & Anglo-Saxon Law; Zionism — Diagnosis & Prognosis; Theology of the Sfat Emet; Charter Fllw., Herbert Lehman Inst. of Ethics.

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STILLMAN, Morris; diamond importer & wholesaler; Sales Mng., Wld Wide Diamond Corp.; Co-Chmn of Bergen Cty. Confer. on Sov. Jewry; V. Pres. Congn Shomrei Emunah, Englewood N.J., b. 12.1. 1935, Brooklyn N.Y.; ed.: Yeshiva Coll. N.Y.C. class, 56; Yeshiva U. HS, New Utrecht HS & Yeshivat Etz Chaim, Brooklyn N.Y.; m. Pearl Mohl; 1 s. Isaac Ely; 1 d. Rebecca Amy; p. Exec. of Jew. Commty Relat. Cl., Bergen Cty; p. State of N.J. Coord. f. Jew. Defense League; act. in Betar USA,, B'nai Zion, Z.O.A., U.J.A., Congn Ahavat Torah; deleg. to: 2nd Brussels Wld Confer. on Sov. Jewry, 76; 29th Zion. Cong. (on behalf Heruth), 78; p. columnist f. Amer. Jew. Examiner; articles in Jew. Standard.

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STITSKIN, Leon D.; Prof. of Jewish Phil.; DD, 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; Jewish Philosophy: A Study in Personalism; Letter of Maimonides; Eight Jewish Philosophers; co-edit., Tradition; edit., Studies in Torah Judaism.

Yeshiva University Press — 500 West 185th St., N.Y. 10033, USA.

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., 67, 71; 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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Dir., Bur. of Budget, 58-62 (Chief Assist. 53-57); Chief Assit. to Controll. of Frgn Exchange, 53-57 (Assist. Frgn Exch. Control, 49-51); Chmn, Brd of Dirs: Tourist Indust. Devel. Corp., 68-73; Bank LeMelacha, 67-72; Brd of Dirs, Indust. Devel. Bank, 68-77; mbr, Brd of Govnrs: H.U.Jer. & Ben-Gurion U. of the Negev, 77-; Brd of Dirs; El-Al Isr. Airlines, 71-; Rubin Acad. of Music, Jer., 74-; articles in prof. journals.

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STOLLMAN, Philip; Exec. C'tee, UJA; Dir., United Israel Appeal; Found & Chmn, Intl Brd of Trustees, Bar-Ilan U.; Founder, Albert Einstein Coll. of Med; Master Builder, Yeshiva U., p. Governor, Jew. Welfare Fed; Vice Chmn and mbr, Exec. C'tee. Allied Jew. Campaign of Detroit; Governor, Jew. Community Council; p. Chmn, Israel Bonds C'tee Natl V. Pres., Religious Zionists of Amer.; Pres., Detroit Mizrachi; Pres., Young Israel of Oak Woods; Brd mbr, Sinai Hosp., United Hebrew Schools & Hillel Day Sch.; Hon. Pres., Akiva Day Sch.; ptnr., Biltmore Devlopmt. Co. (Troy, Mich.).

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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; Assoc. Prof., Jewish Hellenism & 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.; married, Nira née Veintraub; daughter Aurit; son Dan Joshua; Assistent Profes. of 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: Pseudepigrapha 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; The Testament of Joseph, 75; ed. Armenian & Bibl. Stud., 75; Visit. Scott. Fllw, Ormond Coll., U. of Melbourne, 74; Visit Mbr, Theol. Fcty, Leiden U., 75; Visit.Prof. Jew Stud., U. of Pennsylavnia, 77-78.

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STRAUSS, Israel; Certif. Publ. Account; b. Haifa, 7.4.1930; educ.: Inst. of Accountancy, Sch. of Law Econ.; Pres., Inst of Certif. Publ. Accountants in Isr. (mbr C.C., 64-67; Hon. Secretary, 70-76; Vice President, 76-); married Amalia Ben Yaaqov; 2 s.; p. Chief Inspector, Assessing Officer f. big enterprises, 54-57; Investm. Mng., Migdal Ins. Co, 58-62; auth., lect. & examiner in taxes & ins.; articles, booklets, manuals on income tax, estate duty, Provident funds, insur. schemes, etc.

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STRAUSS, W.H.; advis. Shor factories; Pres.. Technion Scty in Holland; b. 28.6.1904, Darmstadt. Germ.; lived in Frankfurt/Main, 1912-31; in Amsterdam, Holland, 31-; m. Hanna Ricardo; in underground movt., 1942 — to the end of the War; mbr, Brd of Shor factory, Chemical factory, Shor Retail Shops, etc.; every year in Isr.

Résidence de Grasseuil, St. Jean-Cap Ferrat (AM.), France.

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.

53, David Hamelekh Blvd., Tel-Aviv 61237.

STREIFLER-SHAVIT, Isaac Edward; Civ. Eng., Mng. Dir., Research Products Rehovot Ltd; Mng. Dir. & Pres., Eljim Ltd (a subsid. of KMS Ind., USA), 70-73; b. Vienna, 1 July 1921; to Israel, 1939; m. Cipora Eisenfeld; ch. : Yoseph,

Raphael; grad., Technion Haifa, 43; in priv. employment, -48; joined, 48, IDF, Eng. Corp & Israeli Air Force, rank of Lt/Col., 58; head, Constr. Dpt., Min. of Def., 58-60; Mng., "Solcoor" New-York (repres. "Koor" & "Solel Boneh" USA), 60-63; mbr of "Koor Industries" Management, 63-67; assigned by P.M. Eshkol to the Joint US-ISRAEL Sea Water Desalination Project, as Project Coordinator; 66-70 — Head of R & D, Planning & Development Division, Koor Industries; articles on nuclear desalination in "Euratom".

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STRELITZ, Joseph H.; member of the Key Executive C'tee U.J.A.; p. Chairman of campaign, Norfolk Jew. Community; p. Pres. of Norfolk Jew. Community; p. Pres. of Ohel Sholom Temple, Norfolk Virginia; Dir., Cl. of Natl Jew. Federation & Welfare Funds; Vice Pres., Norfolk Virginia Board of Educ.; Director of WHRO Television station; Exec. Vice-Pres. & co-owner of Haynes Furniture Co.; presently serving as Natl Co-Chairman of Missions to Israel for the U.J.A.

Norfolk, Va., USA.

STRELITZ, Leonard R.; leader of Norfolk Va., a Natl Chairman and member of the Exec. Committee of the UJA & member of the UJA Natl Campaign Cabinet; mbr of the Exec. Committee of the Jewish Community Council and was 1964 Chairman of its United Jewish Fund Campaign; dir. of De Paul Hospital in Norfolk; member of the Natl Conference of Christians and Jews, and of Shriners; Pres. of the Haynes Furniture Company of Norfolk; p. Board member of the Southern Retail Furniture Association.

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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 f. major US firms, such as Dpt. Stores, Disneyland, etc.; publ.: "Motion Pictures in Science and Industry" (booklet); articles on techn. films & documentation in Inst. of Radio Engs Journal.

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SURKKIS, Mordechai; M.K., -69 (Labour Pty); chairman, C'tee for Internal Affairs; p. Mayor, Kfar Saba; dep. mbr., Histadrut Exec.; mbr., Zion. Gen. Council; b. Poland, 21.1.08; m.: Lola Regenbogen; 1 s.; to Israel, 1933; mission to USA on behalf of Histadrut; delegate to Intl. Mayors' congresses, Rome, 1955, The Hague, 1957.
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SUSAYEFF, Zalman; manufacturer; Pres., Publ. C'tee for "Security Loan", 1969; p. Pres. of the Manufacturers' Assn, 65-69; b. Riga, Feb. 14, 1911; m.: Rulija Feldhuhn; 2 d.; 1 s.; educ.: Riga U.; to Israel, 1935; President, Importers and Wholesalers Assn. in Israel, 49-50; President, Chamber of Commerce, Tel Aviv-Jaffa, 50-52; Deputy Minister of Commerce and Industry, 1953-55; M.K., 51-59.
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SUSSKIND, Leonard; Prof. of Physics, Tel-Aviv U. & Bel. Grad. Sch. of Sci.; b. New York, USA; to Israel, 1971; m.: Maxine Weinberg; 3 ch.; ed.: Cornell U., Ph.D., 65; 36 sci. publ. in his field of res.
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SUSSMAN, Joel; Dr. Jur. H.C.; LLB; Pres., Supreme Court, 76- (Dep. Pres. 70-76; Judge, 53-70); Chmn, Central Electoral Committee for Fourth Knesset; 1959; b. 24 October 1910, Poland; w.; 3 ch.; ed.: Frankfurt, Heidelberg, Berlin, Cambridge U-ies; **private legal practice,** 38-49; military prosecutor, IDF, 49; author of "Wechsel und Scheckrecht Palaestinas"; "Bills of Exchange"; "Dine'i Shtarot"; "Dine'i Borerut"; "Sidrei Hadin Haezrahi". rec. Israel Prize, 75.
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SUSSMAN, Sydney; Exec. C'tee, UJA; Brd of Dir., Jew. Fed. of Camden County (N.J.); p. Vice Chmn, Allied Jew. Appeal of the Fed; p. Chmn, Young People's Div., Jew. Community Ctr. Bldg. Fund; Pres., Certified Steel Distributors.
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SVERDLIK, Oded; author, poet, journalist; edit. of publications in Spanish, Inform. & Publ. Div., Youth & Hechalutz, WZO; b. 3.9.1938, Buenos Aires; to Israel, 1965; ed.: Fcty of Journalism; m.: Rachel Sznajdleder; d.: Noga; worked in journalism & p. mbr of edit. brd of a popular Zion. newspaper in Argentina; member of Kibbutz Lehavot Habashan, -69; p. corr. in Isr. f. newspapers in Latin America; publ.: "Las Hambres Consumadas", "Las Tremendas Decisiones", "Memoria del Transeunte" in Buenos Aires; "La Semana", Madrid; his work has appeared in „Begvulam" - an anthology of works of new immigrant authors, 71; "Voces de Jerusalem (Voices of Jerusalem) and "La Guerra y La Paz" (War and Peace), two anthol. of Israeli poetry, publ. by the Youth and Hechalutz, 72-73; "Eretz lo Nodaat" (Secret Territory), first collection of short stories in Heb., Sifriat Poalim, 73; recip.: Literary Prize of the Argentinian Authors Ass., 62; special commendation in Madrid, 68; last poetry book: "Hombre a la Intemperie", Venezuela, 75.
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SWERSKY, Barry; lawyer; Gen. Mng., Bat-Dor Theatre, Bat-Dor Studios of Dance & Bat-Dor Dance Company, 1970-; Chmn, Batsheva Bat-Dor Dance Scty: b. Witbank, S.A., 20.2.1939; to Israel, 1965; ed.: U. of Witwatersrand, Johannesburg (B.A. & LL.B.); m. Ann Kirson, 1963; ch.: Nava, Guy, Micah, Hadar; att., not. in Johannesburg, 62-65; admitted to the Isr. Bar, 67; priv. practice, Tel-Aviv, 67-70.
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SWICHKOW, Louis J.; Ph. D. Rabbi, Beth El Ner Tamid Syn., Milwaukee; b. 13.7.1922, Chicago, Ill.; ed.: De Paul U., B.S., 34; Marquette U., M.A., 43; J.Th.S., D.H.L., 56; Hebr. Theol. Coll., Chicago, Rabbi, 35; m.: Gertrude Astrachan; ch.: Rashalee, Morton, Daniel, Deborah; Pres.: AJC, Milwaukee Chptr, 39-42; Milwaukee Zion. Cl., 40-59; Wisconsin Cl. of Rabbis, 61-63, 66-68; mbr: Wisconsin Legislative Cl's Family Law C'tee, 58-59; Milwaukee Comm., Community Relat., 61-65; V. Chmn, Milwaukee Family Court Advis. C'tee, 67-72; Author: The History of Milwaukee Jews; Invocations; contrib. to: The Jew. Experience in Am.; Encycl. Judaica; recip., Milwaukee Co. Hist. Scty Award.
3323 N. Sherman Blvd., Milwaukee, Wisconsin, USA.

SWIG, Benjamin H.; b. 1893, Taunton Mass.; Hon. Natl Chmn of UJA; Pres. of Jew. Wlfr Fed. of San Francisco, Marin County and the Peninsula; In 50-51 he had been chairman of the Federation's campaign's; member of the Appeal's Natl Exec. Committee; as Big Gifts Chmn of UJA, 54-60; owner of San Francisco's Fairmont Hotel; member of the natl committee of the Brandeis Centennial Fund and a reg. Vice-Chairman of Brandeis U. Associates; co-founder of Einstein School of Med. at Yeshiva U., is also an active member of the Einstein national development fund; org. of Careers Unlimited f. Women, an organization which attempts to secure jobs for women over 40 years of age; mbr of many other C'tees & Directorships civic & charitable orgs, bus, and relig. affiliations; recip many awards and citations.
Fairmont Hotel, San Francisco, USA.

SWIG, Melvin M.; b. 31.7.1917, Massachusetts; resid. San Francisco; ed.: college, Brown U.; retail business; Chamber of Commerce, Downtown Planning C'tee — Chairman; Jewish Family Service Agency — p. Vice-Pres., Board of Dirs.; State of Israel Bonds — p. Gen. Chairman; Jew. Welfare Fed., B. & P. Division — p. Co-Chairman; Jewish Fed. of San Francisco — p. Gen. Chairman; AJC — p. Natl Vice-Pres. & Reg. Chairman; Anti-Defamation League — p. Natl Commissioner; Jewish Welfare Fed. — Board of Dir. & Vice-Pres. Exec. C'tee UJA; Lake Merced Golf & Country Club — p. Pres.; Brown University Club of Alta, California — p. Pres.; State Savings and Loan Association, Stockton — Board of Dirs; San Francisco Life Insur. Company — p. Board of Dirs & Treasurer; South Pacific Mines, Ltd. — Board of Dirs; San Francisco Ice Hockey, Inc. — p. Pres. & Board of Dirs; San Francisco Housing Auth. — p. Commissioner; Fairmont Hotel, San Francisco — Dir.; San Francisco Intl Film Festival — Chairman, 65; Chairman Easter Seals Campaign, 63; South Seas Mining Ltd. — Board of Dirs. & Treas.; San Francisco Chamber of Commerce — p. Vice Pres. & Board member; California Theatre Fndn — p. Pres.; Council for Civil Unity — p. Dir.; Board of Dirs Mount Zion Hospital, 66-71; San Francisco City and County Grand Jury — Foreman, 69; Am. Conservatory Theatre — Exec. Committee; Brandeis U. — President's Council and Fellow; The Civic League of Improvement Clubs and Association of San Francisco; Constellation Growth Fund — Board of Dirs; United Bay Area Crusade — Board of Dirs; Masonic Lodge (Lincoln Chapter) — Shrine — Islam Temple; Concordia-Argonaut Club — La Quinta Country Club; Commonwealth Club of California.

San Francisco, USA.

SWISSLOCKEY-KOHEN Siona; paintress; ceramist; b. Brodina, Bucovina, 13.11.1904; to Israel, 1951; ed.: Indust. H.S.; Belle Arte, Bucharest, (2 years), Frauen-Akademie „Fine Arts", Vienna (2 y.); owner of Art-Studio, Old City of Jaffa; mbr. Old Jaffa Artists Gallery, where her works were exhibit. sev. times; perman. exhib. of paintings, ceramoplastic, mosaics & Stained glass-windows at Jaffa studio; worked as paint., Czernowitz Museum; nature of paint.: semi-abstract & neoimpression.; recip. Golden Medal, at a collect. exhib. in Rumania; at another — 1st prize; in Israel, one man-show, 53; mbr of WIZO.

22 Kikar Kedumim, Old City of Jaffa.

SYLK, William H.; attorney, J.D.; Exec. Pres., Sun Ray Drug Co., 55-; Chmn, U.I.A.; Vice-Pres.: Z.O.A.; Ampal; Pres.: Isr. Histadrut Fndn; J.N.F.; Palestine Scty; mbr, Brd: Natl C'tee f. Labor Isr.; Am. Friends of Technion; Allied Jew. Appeal; b. Phila., Penna., 7.7.1907; ed.: Temple U., B.S., 29; Temple Law School, LL.B. 33; m. Claire Brickman, 1934; s.: Kenneth, Thomas, Richard; Pres.: General Alumni, Temple U.; Golden Slipper Square Club; mbr, Brd of Trustees: Temple U., Industrial Valley Bank, St. Lukes Hosp.; mbr, Brd of Har Zion Synagogue; awards, by Isr. Bonds & J.N.F., U.S.A.

400, Bryn Mawr Ave., Bryn Mawr. Pa. 19010.

SYRKIN, Isaac; Chmn of Brd: Naphta Petroleum Corp. Ltd.; Lapidoth Israel Oil Prospectors Corp. Ltd.; Netivei Nepht Ltd.; Israel Natl. Oil Comp. Ltd.; b. 20.4.12, Kiev, USSR; m. Rita Persitz; 1 d.; educ.: Berlin U.; to Israel, 1933; founder, I. Syrkin & Y. Alroi, 1938; joined British Army, commissioned Royal Engineers, 42; Sgan-Aluf (Lt. Col.), I.D.F., Engineering Corps.

5 Hatam Sofer St., Tel-Aviv; Tel. 242027.

SZEKELY, Eugen; pharmacist; snr res. sci., 72-; b. Hungary, 8.5.1908; to Israel, 1961; ed.: Cluj U.- B. Pharm. 28; Dir. Pharm., passed U. Prof. c'tee exam.; m. Roza Aron; d. Elria; mbr Isr. Chem. Scty; Chief, Centr. Analyt. Lab., Bucharest, 50-58; cnslt. qualit. contr. chem lab., 52-55; pharm. chem., 58-61; analyt. chem, Makhteshim, Beer Sheva & Phosphatim Oron, 62-63; Ben Gurion U., Res. & Devel. Author., 63-; analyt. chem. Negev Inst., Arid Zones Res., 63-; res. sci., 65.-; publ. var. sci. papers in Isr. & frgn profess. press; recip: Zhelinsky prize f. devel. in field of indust. organ chem., 76.

8 Hogla St., Beer Sheva, Israel.

SZLEP-FESSEL, Raya; zoologist; snr lctr, H.U. Jer.; b. 13.3.1913, Vilna; to Israel, 1958; ed.: Vilna, M. Phil., 35; Lodz, Ph.D., 51; married; sci. worker, Nencki Inst. of Experim. Biol., 48-58; Docent, 54-58; publ. many sci. & popular articles in the field of res.; articles in 'Mada", etc.

27 Uruguay St., Jerusalem.

T

TABACZNIK, David; mbr., Exec. C'tee, Histadrut; mbr., Exec. Council, W.Z.O.; mbr., Secr. Hevrat Haovdim, & secr. of Arab Div., Histadrut; b. Warsaw, 12.8.1908; m.: Riva Pfeffer; 1 d.; educ.: Technion; to Israel, 1929; p. mbr., Keren Hayessod, Main Office (U.S.A. div.): on various Hagana missions abroad, 45-47; Dep. Mayor, Petah Tikva, 1950-; various municipal & natl. missions to South-America, North-America, Northern & West Europe; articles on politics, municipal affairs, Zionist & labor problems; also on Arab minority issues; awarded "Ot Haganna", "Notrut", citations f. war of independence.

86, Herzl St., Petah Tikva; Tel. 911506.

TABIB, Mordechai; author; b. Israel, 1910; author of "Ke-Essev Hassadeh" (Ruppin Prize, 1950); "Derekh shel Afar" (Ussishkin Prize, 1954); "Ke-Arar Be-Arava" (Aharonowitz Prize, 1956); "Kinoro shel Yossi" (play); publ. also selected poems; mbr., brd., Broadcasting Authority.

8 Shivat Zion St., Rishon-Le-Zion.

TABOR, Harry Zwi; B.Sc. (Hons.); F. Inst. P.; Director, Ntl. Physical Lab., Isr., 50-74; Chmn of Brd & Sci. Dir., Sci. Res. Fndn, Jer.; p. leader, English "Habonim" movt.; b. London, 7.3.1917; to Israel, 1949; educ.: London & Hebrew Universities; m. Vivienne Landau; 2 d.; author of numerous works in appl. sci., especially energy; adviser to several intl agencies, on exploitation of solar energy; recip., Weizmann Prize, 56; Royal Scty of G.B. Energy Prize, 75, Gold Diesel-medaille, 77; initiated electr. vehicle R & D Israel.

13, Rehov Hameyassdim, Jerusalem.

TADMOR, Dov; advocate; Mng. Dir., Property & Building Corp. Ltd.; Dir.: IDBH Bankholding Corp.; Discount Bank Inv. Corp.; Cargo Ships Elyam Ltd.; Isr. repres., PEC Israel Economic Corp.; Vice-Chmn, Friends of Tel-Aviv U.; b. 1929, Poland; to Israel, 1948; ed.: Tel-Aviv U.; p. lctr, Tel-Aviv U.

18 Pumbedita St., Tel-Aviv; tel. 229692.

TADMOR, Hayim; Assyriologist & Historian of the Ancient Near East; Assoc. Prof., head, Dpt of Assyriology, H.U. Jer., 66- (Prof., 71-); Visit. Prof., Yale U. & City U. of N.Y., 71; b. November 18, 1923, Harbin (China); to Israel, 1935; educ.: Hebrew, London & Chicago Universities (M.A., 49; Ph.D., 54); m.: Miriam Skura (Curator of Early Periods, Israel Museum, Jerusalem); ch.: Naomi, David-Eli; Warburg Fellow, 53-57; Visiting Lecturer, College of Jew. Studies, Chicago, 55-57; Lecturer in Ancient Near Eastern Studies, Hebrew U., 58-65; publ.: "The Campaigns of Sargon II", 58; "Azriyau of Yaudi", 61; "Biblical Chronology", 62; "Mesopotomian History & Institution"; "The Annals of Tiglat Pileser III", 67; & other papers in scholarly periodicals.

19, Balfour St., Jerusalem; Tel. 31577.

TADMOR, Zehev; Professor, Chem. Eng. Dpt., Technion Haifa, 67-; Chmn, Israeli Plastics Society, 71-73; born in Rumania, 6.2.1937; to Israel, 1950; ed.: Chem. Eng. - Technion, B.S., 59; M.S., 63; Stevens Inst. of Techn. Hoboken, D.Sc., 66; m. Ciporah Spitzer; 2 s.: Elad, Arbel; d. Carmit; Res. Eng. Sci. Res. Dpt., min. of Def., 60-63; Snr Res. Eng., Western Electric Co., Eng. Res. Center, Princeton, N.J., 64-67; mbr: Isr. Scty of Chem. Engineers; Scty of Plastic Engs. (USA); Scty of Rheology (USA); books: "Engineering Principles of Plasticating Extrusion" (jointly w. I. Klein), Van Nostrand Reinhold Book Co., N.Y., 70; several chapters in other books & over 35 papers in intl journals.

53 Tishby St., Haifa.

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; 45 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.

32 Shimon Hatarsi St., Tel-Aviv; tel. 452563. Artists Colony, Safed.

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; Mng. Dir., 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; Chairman of companies; Dir., Zion Insurance Co. Ltd, Judea Ins. Co. Ltd.; b. Russia, Oct. 3,1897; w.; 1 s.; 1 d.; educ.: Technical College, Odessa; to Israel, 1920.

76, M. Sharet St., Tel-Aviv.

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, 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, Hamevassdim 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 (Ret.); Asst. to Min. of Defence, 75-; at Tel-Aviv U. Strategic Research Cent.; p. 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, 61, 73; 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, Miriam; art critic, writer, translator; art critic, "Yedioh Aharonoth" daily & many magazines & reviews in Isr. & abroad; b. 29.6.1910, Smolensk, Russia (maiden name: Rosenthal); to Israel, 1930; ed.: elem. & second. sch in Poland, Germany, Belgium (Belg. Matric.); Berlin U. & Jer. U. (not complet.); Cert. of Proficiency in Engl., Cambridge (w. distinct.), 37; stud. in Art Hist., Belgium, 53-55; divorced (Malchin); 1 grandson: Alexander Omri Roeytenberg, 63; mbr, Intl. Assn of Art critics, 69-; on many juries & select. c'tees, also Advis. C'tee of Min. of Educ. on Plastic Arts, 71-; over 100 prefaces to exhibits, 61-; p. art critic: „Haboker", 49-65; "Hayom", 66-69; "Lamerhav", 69-71; contrib. to frgn press in Germ., French, English; recip.: French decoration, Jerus. Municip. distinct. f. hon. work.
5 Hazanovitz St., Jerusalem, tel. 02-227956

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); U. of Penna, 75/76 76-77; mbr Intl C'tee f. Elie Wiesel aw f. study of Holocaust, 76-; nomin.: Schreiber Chair of Contemp. Jew. Hist, T-A U., 77-; Acting Chmn, Dpt. of Hist. of Jew. Thought H.U., 69; partic. and lctrs: Wld Congr. of Jew. Studies, Jerusalem, 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; "Theolg. & Earthliness", Nijmegen, Holl., 74 (appeard in Engl., French Dutch, Germ. Span., Ital. & Hebr.) 75; "Christians & Jews in Germany-Religion, Politics & Ideology in the "Second Reich",; Cornell U.Press. NY.75;art. & essays mainly on Mod. 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.

TALBAR, Michael Adin; intl. econ.; Intl Trade Consult. & Mng. Export Comp.; b. Berlin, 18.10.1921; to Israel, 1935; ed.: Agr. Sch. Mishmar Haemek, 35-38; Politechn., London, 38-39; Lond. Sch. Econ., 47-48; H.U. Jer., 50-53; m. Ziva Chizik; s. Asa; d. Elisa; found. Isr. Acad. Sport assn A.S.A., 53 (1st chmn, 53-57); repres. FISU-Intl Fed. Univ. Sports; Dep. Dir. Gen. Foreign Trade, Min. Comm. & Ind., 66-75; chief regist., GATT-Kennedy Round, (66-67; mbr., C'tee Frgn. Trade Insur. Zimshipp. Co.
5 B'nai B'rit St., Jerusalem.

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 Israel, 1925; p. mil. corr., "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., Weizmann Inst. of Sci., 54-; Head, Dpt. of Nuclear Physics, 67-76; Dean. Fcty of Phys., 70-; b. 31.1.1925, Kiev; m. Chana Kivelewitz; 1 s.; 1 d.; ed.: H.U. Jer.; 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" (w. Prof. A. de Shalit); mbr, Israel Academy of Sciences & Humanities; Weizmann Prize 63; 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.

TALMON, Moshe; Dep. Mng., "Mifal Hapayis" Lottery; b. Romania, 1924; to Israel, 1956; m. Rachel Herzl; 1 s. Gad Shmuel; 1 d. Leah; p. mbr, Exec. C'tee, Zion. Org. Romania; p. leadership 'Hanoar Hazioni" & "Hechalutz", Romania; Zion. prisoner ("Assir Zion") in Romania, 51-56; mission on behalf of Dpt. f. Intl Cooperation of Isr. Foreign Min. to several African countries; res. work & recommendations to establ. 7 state lotteries; p. Mng., Youth Center Beit Dagon.
13 Patai St., Tel-Aviv; Tel. 417712.

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, loval c'tee, Tel-Aviv Painters & Sculptors Assn.
8 Zidon St., Tel-Aviv; Tel. 447896.

TAMARI (Teitelman), Moshe; writer, editor; worked Histadruth Inst., 35-75 (ret.); 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, 72; "The Queen of Sheba" (Engl.), 75; 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, Bendery-Bessarabia (Heb. part); on cultural mission to Jewish communities, Brazil, 63-65 Repr. in Isr. of Australia-Isr. Scty cult. exchange Sydney, 75-77; found., Act. Chmn, Isr. Austral cultural exch. and friendship scty, 77-.
4 Pineles St., Tel-Aviv; Tel. 442505.

TAMIR, Joseph; M.K. Likud, 73- (Gahal, 65-69); Chmn, Knesseth C'tee f. Intern. Affs & Environment; found., Isr. Beautification Natl Cl.; journalist; mbr, Central C'tee & past Secretar General, Liberal Party; 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 congss; Knesseth deleg. to: U.N. Confer. on Environ., Stockholm, 72; Inter-Parlam. Confer. on Environ. - Vienna, 72; Nairobi, 74; U.N. on Population, Bucharest, 74; Knesseth mission to U.S. Cong., 75.
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; Chmn, Brd of Dirs, Isr. Comp. f. Fairs & Exhibitions.
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TAMIR, Pinchas; Senior Lctr, Sci. Ed.; 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); Visit. Prof., 77; Weizmann Inst., Rehovot; Michigan State U., East Lansing USA; U. of Hawai; U. of New South Wales, Australia; mbr: AERA, NARST, AETS, IREA; publ. 100 res. pap.: contrib. to Journ. of Research, Scient. Teach.; 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; Palmer O. Johnson av., AERA, Patron's aw., NARST.
22 Hagdood Ha'ivri St., Jerusalem; tel. 61774.

TAMIR (Katzenelson), Shmuel Moshe; Minister of Justice, 77-;M.K. (Dem.Mov. f. Change); p.M.K.(Free Centre, 65 69); adv. in private practice; b. Jer., 10.3.1923; m. Ruth Gurevitch; 1 s.; 1d; ed. Law Classes, Jerusalem; p.acting Commander of IZL Jer., deported to Kenya; founder & exec. chmn., Free Centre Movement; articles, lectures; re-elected, M.K. 73; The Free Center merged w. "Dash", 75.
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.

TAMMUZ, Benjamin; author, novelist; Cult. Attaché, Isr. Embassy, London, 71-75; 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"; "Requiem for Na'aman"; "Bottle Parables"; "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; recip. Prime Minister's prize f. literat.
13 Levi Itzhak St., Tel Aviv; Tel. 221594.

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.

TANNENBAUM SALPETER, Bernice; Natl Pres., Hadassah, 76. (Pres Long Island Reg., 54-57; Natl Chmn of Junior Hadassah, 57-60; Chmn, Press-Radio-TV. Dept., 61-64; Natl Secr., 64-68; Natl V. Pres., 68-72; Pres. & Mbr of Exec. Brd, 71-); b. New York; ed.,: B.A., Brooklyn Coll.; teacher; mbr: Natl Conf. on Sov. Jewry, Am.-Isr. Pub. Affs C'tee; Am. SectionWJC; Zion. Gen. Cl., WZO; J.A. Assbly; Presid. Brd. UJA; Brd, JNF; Exec. C'tee, Am. Zion. Fed., Gvng Brd: WJC 76; H.U. Jer., 76; Confer. of Presids, Major Jew. Orgs, 76-; approx. 50 times in Isr.; edit.: The Hadassah Idea, Analysis & Action; Edit. Brd., Hadassah Magazine.
Hadassah, 50 West 58th Street, N.Y.C. 10019 USA.

TANNY (Tanai), Shlomo; poet; journalist; Chmn, ACUM - Scty of Authors, Composers & Publishers; Head, Histadruth Educ. Inform. Dpt.; p. Advis. Israel Foundation for Cultural Relations with World Jewry; born in Poland, November 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 "Yom Kippur War Diary", 74; also publ. "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, etc.; recip., P.M.'s Prize f. Literature.
9 Diskin 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.
3172 N. Sheridan Rd, Chicago Ill. 60657, 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 la Couronne and 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.

TARSKI, Alexander; M.A.; conductor, composer, pianist; conduc., Isr. Nat. Opera, Kol Israel Orchestra & Hed Arzi; b. Lodz,11 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, Tel-Aviv; tel. 33801.

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; p. Chmn, Cult. Dpt., WJC; Hon. V. Pres., WJC; b. Brody, Poland 24.9.1897; ed.: Vienna U.; Chmn. of Hitah., Zion.Lab. Part. Pol.,, 22-39; lecturer, Instit. of Jew. 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"; "History of Colonization"; "The Tribes of Israel" & numerous articles in Hebrew, Yiddish, English, German, Polish, French and Spanish periodicals.

1 Ben Yehuda Rd., Jerusalem.

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.

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, Dr. Rer. Nat., patent-lawyer; corr. of war. Jew. journals in the world; p. Pres., Jew. Commty Munich & p. V. Pres., Jew. Comm. in Bavaria; now Chmn, Z.O. in Germany; V. Pres., KKL in Germ.; Dep. Mbr, Zion. A.C.; Chmn, Europ. Exec., 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.

6 Possartstrasse, Muenchen 80, West-Germany.

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 & Vice Chmn, World Exec. Herut Hazohar; mbr, Brd of Gvnrs, Isr. Brdcst Auth.: V. Chmn, Shazar Centre; mbr, Act. C'tee, Historical Scty, Isr.; mbr Exec., Jabotinsky Inst.; chmn, Board Tel-Aviv Development Comp.; lctr & writer; p. teach., bus. manag. builder; p. mbr, High Command of IZL (Chief of its Intelligence Serv. & Chief of its Diaspora HQ); p. mbr Shilton Betar; detained by Brit. police & imprisoned in Jerusalem, Sarafand, Mezra, 39-40; Kidnapped by Hagana & imprisoned in Ein Harod, 45; detained by the Italian police & imprisoned in Rome, 46, expelled, 47; Herut repres. in Europe, 49; expelled from France, 52; res. papers: "The self Defence of the Jews in Russia (1880-1906)", H.U. Jer.; "The Politic. and Milit. Struggle of the Irgun Tzwai Leumi in Europe (Jan. 1946 — Jan. 1949), H.U. Jer.; presentation — "How to organize an Untergrround and run it", Center f. Intl Affairs, Harward U.; publ.: The Second Front, Ron, 73; recip. Jabotinsky Prize f. Res. & Lit., 74.

12 Openheimer St., Tel-Aviv; Tel. 415950.

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.

P.O.B. 408, Jerusalem; tel. 33655; Telex 389.

TAVORY, Maya: advocate; Dir. Gen. Isr. Consumer Council; b. Israel, 1932; ed.: Reali School; Law School; married Oded Tavory; two children p. adv. lawyers off.; p. leg. advis., Consumer Council.

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TAVORY, Oded; chem. eng.; Mng. Dir., Gadot Petrochemical Ind. Ltd, 75-; Dep. Mng. Dir., Israel Chemicals Ltd, 71-75; 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, Fllw, Inst. of Chem. Eng., London; Am. Chem. Scty;

Am. Inst. of Chem. Eng.; Inst. of Chem. Eng., Israel.
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TEICHMAN, Henia; artist painter; b. 1919, Radom, Poland; to Israel, 1950; ed.: grad. HS in Radom; art courses train. in Ein-Hod (w. J. Wexler & G. Dawidowich), 52-60; m.: Kalman Teichman, lawyer; mbr: Isr. Paint. & Sculpt. Assn, 63-; c'tee of Milo Club, Artists Colony, Safed; active in helping blind people, Hadera; one-man shows: Gall. Katz, Tel-Aviv, 64; Yad Le'banim, Hadera, 65; Ohel Shem, Natanya, 66; Cult. Hall, Pardess Chana, 67; Histadruth House, Hadera, 68; Tchemerinsky Gall., Tel-Aviv, 69.

100 Rothschild St., Hadera; Artists Col., Safed.

TEITELBAUM, Raul; journalist; econ. corresp., "Yedioth Aharonot" daily; b. 13.12.1931, Yugoslavia; to Israel, 1949; ed. : Gen. History & Econ. H.U. Jer.; married; 2 d.; p. act. in youth underground mov. in Yugoslavia, dur. 2nd Wld war; was detained in Bergen-Belsen concent. camp; one of leaders of Maki Pty in Isr. & Chmn of the C.C. after the death of the late Dr. Moshe Sneh; co-found. of "Moked" mov., 73; p. mbr Exec. of Hisadruth; act. in anti-Nazi combatt. orgs in Isr.; mbr, edit. brd of "Emda" periodical; publ. res. on the Jewish problem in USSR; articles on econ. & social problems of Isr., policy & ideology, etc.
8 Hirshenberg St, Jerusalem;
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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.
Beer-Sheva.

TEKOAH, Yosef; Pres., Ben-Gurion U. of the Negev, 75-; p. Ambass., Isr. Perm. Repres. to the UN, 68-75; 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.

Ben-Gurion University of the Negev, Beer-Sheva.;

TELEM, Binyamin; Rear Admiral (Res.); Commander of Israeli Navy, 72-; b. Dassau, Germany, 1928; m. Ruth; 2 d.: Tilia, Roni; 1 s. Ofer; ed.: Staff & Command Course, England, 61; serv. on passenger ship "Kedma", which aided in smuggling weapons to Israel, 47; Communic. Off. of corvette "Wedgewood" & Command. vessel "Palmach", at Indep. War, 48; in amphib. & torp. boat units, -54; Command. of destr. "Yaffo"; Sec. in Command., and navy branch, Is. Command & Staff Coll.; p. Command, destr. squadron; head, Is. Navy Miss., France, to oversee bldg Cherbourg missile boats; command. Isr. Navy Task Force oper. Port Said area, Six Day War, 67; retur. to Cherbourg, recalled, 1968; and app. Chief of Naval Operations, at Navy HQ; commanded Navy dur. Yom Kippur War, in which the serv. partic. in num. combat actions.
Haifa.

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. U., 54-60; Caltex Central Labs (presently Chevron Central Labs), Rotterdam-Pernis, 60-69; chmn, Delft Branch of Dutch Zion. Students Org., 50-52; pres., Dutch Zion. Fed., 69-71.

182, Wasseaarseweg, The Hague. Netherlands.

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.

8 Karni St., Ramat-Aviv, Tel-Aviv.

TENZER, Herbert; attorney; elct. chmn, brd trust., Yeshiva U., 77-; brd. Dir. C'tee, Indep. Higher educ., 76-; served two terms in the House of Representatives, as a member of the Judiciary Committee; member of Executive Committee U.J.A.; 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; m. Florence Novor; 2 chs.; 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.

Lawrence, 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 Munic ip. Theatre; awarded Milo Prize, as best actor, 1966; "Kinor David" award., best actor, 1968, 1969; in several Israeli movies.

18 Burla St., Tel-Aviv; tel. 413445.

TERADYON, Nakhman; Heb. writer, editor; b. 1901, Ukraine; ed.: Rabbin. train.; Russian Gymn.; studied biol. & philos. at U.; m.: Deborah Marcus; found., dir., district Heb. sch., 20; devel. Zeirei Zion movt.; secr., Bessarabian Centre of Hechalutz, 21-23; agric. worker in Galilee, Shomron, Judaea (Kibbush Haavodah), 24-26; porter at Tel-Aviv railway station, 27-28; mbr, Kibbutz Hasharon-Yifaat, 29-; activ. in "Hever Hakvutzot" and "Ihud"; published essays & tales in Hapoel Hatzair, Davar, Niv Hakvutza, Igeret, Moznaim, Gilyonot, Carmelit, etc.; edit. selected writings of A.D. Gordon & of I. Lufban; books: "Negohot Hozrim" (Reflecting Ligths); "Bintivei Hakvutza" (On Paths of the Kvutza); assoc., publishing house Hassadeh, 44-69; f. 10 years edited magazines "Hassadeh Lanoar" & "Hassadeh Lagan Velanof"; agric. manuals & almanachs; bookelts "Layogev", "Yearbook Hassadeh"; edit. periodical "Teva Vaaretz", 59-69; recip. lit. prize of the Council Kiwork on Valley of Jezreel, "MeEretz Kishon", 67.

Kibbutz Yifaat, P.O. Yifaat.

TERLO, Zvi; M. Jur.; p. 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.

14, Balfour St., Jerusalem.

THAU, Avshalom; architect (in priv. practice); Assoc. Prof., Fcty of Arch. & Town Planning, Technion, Haifa; b. Kosice, CSR, 18.6.1916; m. Lily Chuvis; 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".

35 Shoham St., Haifa; tel. 247765.

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, Haiman; p. Chmn, Miami Bds; 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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TIKOFSKY, Ronald S.; Prof.; Chmn, Psychology Dpt & Dir., Soc. Sci. Div., Florida Intl U.; b. 21.5.1930, Brooklyn, N.Y.; ed.: Brooklyn Coll., B.A., 52, M.A., 53; Utah U., Ph.D., 57; Pittsburgh & Michigan U-ies; m.: Rita Plesset; ch.: Melissa Jo, Andrew Michael; mbr, Planning C'tee, Jew. Educ., Gr. Miami Jew. Fed.; Brd of Trust. & Chmn, Sch. Brd, Temple Beth Am, Miami; Chmn, 60-62 & Brd Mbr, 60, UJA, Ann Arbor, Mich.; Record. Secr., 67-68 & Pres., 68-69, Metrop. Detroit Feder., Ref. Syngs; mbr: Fcty Advis. C'tee, B.B. Hillel Found., Mich. U., 68-71; Aging & Aged C'tee, Un. of Am. Heb. Cngrn, 68; Am. Assn f. Adv. of Sci.; Am. Assn, U. Profs; Am. Psychol. Assn; Am. Acoustical Scty; Am. Speech & Hearing Assn; Am. Linguistic Scty; Midwestern & Dade Co., Psychol. Assns; Psychonomic Scty; Sigma Xi & many prof.

c'tees; Cnslt Edit., Intl Journal, Communication Disorders; numerous sci. works; Fllw, Am. Speech & Hearing Assn (Recognition Certificate); Am. Psychol. Assn; Scholar in Res., U.S. Comm., Civil Rights, 72-73.

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TOPOL, Chaim; film star; actor; b. Israel, 9.9.1935; ed.: B.Sc.; m. Galia Finkelshtin, 56; d.: Anat; s.: Omer, Adi; p appear. with "Batzal Yarok", Haifa Municipal Theatre; films: "I Like Mike", "Sallah Shabbati", "Eldorado", "Erwinka", "Before The Winter Comes", "Cast A Giant Shadow", "The Gift of Love", etc.; starring in London, in "Fiddler on The Roof" & 1971, leading part in same motion picture; "Ha'aiyn Hatziburit", 71; "Romanov & Juliette", Chichester, 73; "Galileo Galilei", 74; "Othello", Chichester, 75.
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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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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; Ashalim Baruach; Ruth the Moabite; Bat Abichail (Esther); Bein Har Venachal; Literature Prize, by Givatayim Munic.: mbr, Teachers' Un., Histadrut.

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Sdeh Nahum, Mobile Post Gilboa.

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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., Tel-Aviv, 60; Kaplan Prize, 75 (as mbr of plan. team of Eisenberg Hosp., Yaffo).

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TURNER, Gabriel; Dir. of Companies; 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, 68-76; 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.

11 Slade Ave., Baltimore, Maryland 21208, USA.

TWENA, Abraham Hayim; ret. head master; b. Baghdad, 31.3.1906; to Israel, 1951; ed.: scnd sch.; m. Habiba Hakham Rephael; 2 s.: Hayim, Joseph; d. Aliza; hon. head. master, Midrasha f. pupils w. limit. means; p. active in publ. c'tees, Baghdad; p. treas., Orphans Scty; hon. dir. philanth. sch. f. needy girls; publ. 6 books on Iraqi Jews; aw.: inscript, KKL Golden book.

P.O.B. 107, Ramle.

TYANO, Avraham; Commercial Manager, Air France, Israel; b. Haifa, 9.8.1916; ed.: Alliance Isr. Univ., Jer.; m. Nina Mandil; s. Shmuel; d. Shoshana; recip.: "Ordre National du Merite", by pres. of French Rep., 74.

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TZALMONA, Aharon; snr lctr, Experimental Physics, H.U. Jer., 69-; b. 3.3.1934, Sofia; to Israel, 1952; ed.: HS, Sofia, -51; 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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TZROR, Yaacov; naturist, N.D.; Gen. Mng., Kem Manufacturing (Israel) Chemicals Ltd.; b. 8.8.1926, Zefat; ed.: naturopathy (Dipl.) & med. masseur (Dipl.); Cert. Guide; courses of mng dirs & dir. of export, Isr. Inst. of Productivity; m.: Miriam Eisdorfer; d.: Leah; mbr, Club of Five Orders (Haganah, Brit. Army, Police of Jew. Settlements, Indep. War & Sinay Campaign).

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ULLENDORFF, 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., 69-77); Pres., Scty. f. Old Testament Study, 71; Joint Edit.: Studies in hon. of G.R. Driver; Ethiopian Studies; Journal of Semitic Studies; Bulletin, Sch. of Orient & African Studies etc.; publ. : many books & articles on 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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UNGAR, Henry; M.D.: Prof. (Emeritus), 74-; Head, Dept. of Pathol., H.U. Hadassah Med. Sch., 54-74; b. 1906, Berlin; ed.: Berlin U.: m. Ruth Besterman; 2 d.; Assist. in Pathol., Berlin U., 31-33; Resid. Pathol., Montefiore Hosp., NYC, 34-35; Assist. Pathol., Rothschild Hosp., Jer., 36; Head Dept. of Pathol., 50; res. work in fields of pathol. anatomy, experim. pathol.

39 Nitudela St., Jerusalem.

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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UNGER, Abraham Alfred; metallurgist; Mng. Dir., 'Dental-Sahav Unger", Tel-Aviv; found., Pres., Dental Gold Manufacturers & Importers Assn.; b. 20.6.1906 Cracow; to Israel, 1934; m. Gisela (Ayala) Atterman; s. Raphael; d. Evelyne; p. act. mbr., Zion. Org. Austria; p. Dir., Palestine Office, Vienna; co-found., mbr of Exec. Hitachdut Olei Austria; mbr of var. Freemasson, B'nei B'rith & other societies.

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UNGERFELD, Moshe; author, journalland, 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", "Hasi-

fruit", "Maasef", "Genazim"; from early age active in zion. orgs & promoting Heb. language study; partic. at World Zion. Congresses.
22, Bialik St., "Bet Bialik", Tel-Aviv; Tel. 51530.

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; Dep. Min. of Educ., 56-58; chmn., Legal C'tee of the Knesset, 52-56, 61-69; Chmn, Cl. f. State Rel. Ed., 55-66, 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"; "Lemaan Haachdut Ve'aiyhud", Biography of Rabbi Itzhak Unna; found. (35) & mbr of lead. bodies, Hakibbutz Hadati, -74; co-found. of "Oz we-Shalom" ideol.- polit. cercle f. relig. Zion.
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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 (Pcland), 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.
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URIEL, Gila; Administrator; Dir., Org. and Training Divis., Tel Aviv Municipality 53-72; born 23 January 1913, in Cracov; to Isr. 1924;ed.; grad.,Herzlia Coll.; High School of Law & Econ., T.A.; Lond. School of Econ., Oriel Coll., Oxford Cambridge Swansea; fllw., UNPA, RIRA, Lond. mbr. Poetry Assn; p. Secr to the Mayor of T.A. (late .Dizengoff),32-36; Scry,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 transl.; The Father of the City (Hebr.) 72; Mother's Day, 73; poems: Yearning, 76; Life with Mother, 77; 40 years of Publ. Ser. 77; rec. Poetry Review Compet. Prize,London, 59;
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USSOSKIN, Moshe; p. Dir. Gen. & Treasurer, Keren Hayesod; 48-68; mbr, Brd of Dirs, Hevrat Hachsharat Hayishuv, Jer. Econ. Corp. 49-75; T.A. 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 foundation in the Balkans, Turkey, Hungary, & dir. of Cent. 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 gen. econ. & Jew. topics; author of: "Struggle for Survival" - a history of Jew. credit coop. in Bessarabia, Old Rumania, Bukovina & Transnistria.
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UZAN, Aharon; Minister of Agriculture, 75-77; past General Secreary, 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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V

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.

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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; 25 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.

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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.

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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 Hagannah Command, Milit. Gov., Jer., 48; Distr. Gov., Lions Intl, 64-65; Notary, mbr Middle Temple Inn of Court; mbr, Central Committee, Israel-America Scty; 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.

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VANDROFF, Arnold; President, Jewish Community Council, Jacksonville, since June 1, 1975 (President for 1975-76); the Jewish Community Council in Jacksonville was established in 1935.

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VARDI, Arie; LL.B.; pianist; Director and Professor of Piano by the 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.

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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.

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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.

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VENEZKY, Julian B.; Attorney; Natl Chairman for Regions, State of Israel Bonds; Secretary, Development Corp. of Israel; 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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VERHAGE, A.J.; Dr.; retired; p. Chmn, Gn.Mng.C'tee of Coopr. Centr.Raiffeisen-Boerenleenbank G.A. (top-org. of about 1200 local coop.mbr banks),70-76; 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.

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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.
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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.
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DDS, P.A.; V. Pres., Handmaker Jew. Nursing Home; b. New York; educ.: Yale U., A.B. 56; Harvard Sch. of Dent. Med., D.M.D., 40; Intership St. Francis Hosp., Hartford, Conn., 40; m. Doris Estelle Goldman; ch.: Charles Lewis, Elizabeth; p. Pres.: Tucson Chptr ZOA, Western Scty of Periodontology, Fed. of Reg. Orgs.; p. V. Pres., Temple Emanu-el; mbr: Am. Dent. Assn; Fllw, Am. Coll. of Dent.; Dipl. Am. Brd. of Periodontology & of Endodontists; Vis. Lect.: U. of So. Cal. Dent. Sch.; Harvard Sch. of Dent. Med., 67; Boston U. Grad. Dent. Sch., 67; publ. in many natl dent. journals; lect. in U. S.A., Europe, Israel; recip.: Chai Award from Govt. of Isr.. 66; Hadassah Man of the Year 61; Chmn, Combined Jew. Appeal, 52; visit. to Isr., 60, 68.

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WEINERT, Bernard; Ph. D., ret., 76-; b. 20.5.1898; to Israel, 1936; ed.: Zuriech U.; married; 2 d.; journalist in Switzerland 24-36; W. Jew. Agcy, Jer., 36-38; Swiss Trade Commis., 38-48; Isr. Repr. of Swissair, 47-69; Swiss Consular Agent, Tel-Aviv, 48-51; Repr. of "Groupment Suisse pour le Commerce avec Israel", 50-; Repr., Swiss Natl Tourist Office, 63-76; found. & Natl Pres., "Scal" Isr.; mbr: Brd of Gvnrs, H.U. Jer.; Rotary Tel-Aviv; Ind. Comm. Club, Tel-Aviv; publ.: "Der Politische Zionismus 1896-1904" (doctor thesis); articles in Isr. & Swiss press.

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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 & p. 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"; D.D. from J.Th.S., 71.
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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.

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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 Scholarship, 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.

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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, Ted., attorney, LL.B.; U.S. Congressman, N.Y. 20th C.D., 77 b. Hungary, 17.9.1927; ed.: law, pol. sci.; 2 s.; Assist. District Attorney, 55-59.

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11 Beeri St., Rehovot.

WEISSBERG, J.; Dr. of Philology; Head of the German Dpt., H.U. Jer.,60-71; senior teach. Dept Germ. lang. and liter.; 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.; "The Phonology of Yiddish" (Germ.); Yiddish-Germ. dictionary; articles on the German & Yiddish literat.; received 3 Orders of the Red Army and 2 citations f. bravery; Medal of the Independence Fighters.

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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.

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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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WEIZMAN Ezer; Minister of Defence, 77-; Business, 71-76; 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.

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WELTSCH, Robert; Dr. jur.; journalist, D.H.L.L., hon. causa, (H.U.C. Cincinnati) 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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WERTHEIMER, Zeev (Stef); M.K. (Dash Mov. f. Dem. Change) 77-; Mng. Dir. of Iscar Ltd., Nahariya; Chmn of Board, Junior Technical Coll. at the Technion; mbr of brd, Technion; b. 1926, Germany; to Israel, 1935; ed. Junior Sch.; m.: Miriam Wallach; 4 ch.; p. co-chmn, Isr. Metal Industry C'tee of the Econ. Conference; recip. Kaplan Productivity Award, 64, 72; Outstanding Exporter, 67.

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Vice-Chmn; South. Reg., Bonds Org. (Chmn, Savannah Bonds C'tee, 57, 59, 63); Thirs Armed Forces Serv. Reg., Natl Jew. Wlfr Brd (Pres., South. Section, 51-52); Alderman, Savannah Jew. Community Cl., 61-63; South Reg., Cl. of Jew. Feds. & Wlfr Funds, 63-65; "Eleanor Roosevelt Humanities Award" by Isr. Bonds Org., 1969.

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WIENER, Aron Israel; eng.; Chmn, Brd. Dir, Tahal Conslt. Engin., Ltd., 77-; Pres. Water Planning for Israel Ltd. 56-77;b.Poland, Aug. 8, 1912; m.: Shifra Miller; 2 d.; Designer, "Mekorot", 42-44; Chief Designer, 44-49; Chief Eng., 49-60; responsible for elaboration natl. water plan, for development of irrigation and major municipal water supplies and for formulation of agric. & water resource develop. strategies f. devel. countries.

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4 Chen Blvd, Tel-Aviv; tel. 281491.

WOLKOW, Reuven; Dir. Inst. f. volunt. Arbitrat. Publ. Serv., 77-; Dep. Dir. Gen., National Insurance Institute, 54-73; Director General; 73-75; b.Warsaw, 7.12.1908; m.: Gutta Katzman; 2 d.; educ.: Warsaw U., mbr., cent. inst., Hashomer Hatzair, Hechalutz, Maccabi, in Poland; to Israel, 1933; with Palestine Electric Corp. Ltd., 34-48; General Secretary, Ministry of Labor, 48-54.

2 Bustenai St., Jerusalem; tel. 32846.

WOLKOWICZ, Jacobo; econ., D.E.D. (Oxon); econ. cnslt, LAFTA (Lat. Am. Free Trade Assn); staff financial advis., E.I. Dupont de Nemours Co. in Brasil, 73-; b. 1.4.1946, Poland; ed.: Texas U., 63; Sam Houston State U., B.A., 68; H.U. Jer., 69; U. of Oxford, Balliol Coll., 70; m.: Anna Kaplan; 2 d.: Sharona, Daniela Esther; p. econ. cnslt, Inter-Am. Devel. Bank - Joint Program BID/ALALC; p. teach. assist., El. Kaplan Sch. of Econ., H.U.; p. assist. edit., "Ma Pitom" weekly, H.U., 69; mbr: Uruguay Z.O.; Assn of Diplomatic & Consular personnel in Uruguay; Econ. Forum; Uruguay Lawn Tennis Assn; deleg. to simpos.: Uruguay & Lafta; E.E.C. & the system of the preferential tariffs f. underdevel. countries; publ.: "The influence of the margins of preferenece in Lafta's intra-regional trade pattern".
21 de Sept. 3065/502 Montevideo, Uruguay.

WOLLSTEIN, Shlomo; N.H.; specialist in psychiatry (priv. practice), 64; b. Berlin, 1929; to Israel, 1934; ed.: Zuerich U., M.D., 55; H.U. Jer., M.P.H., 66; spec. at Hadassa U. Hosp.; m. Malvine Trau, 1952; 3 ch.; p. w. Dpt. of Psychiatry, Hadassa U. Hosp. & Talbieh Mental Hosp., Jer.; p. Dir., Marriage Guidance Center, Acad. of Med., Jer; referee to the Natl Insurance Fund, Jer. & Min. of Defence, Min. of Health Min. of Soc. Wlf.; psych. cnslt, Bikur Holim Hosp., Jer,; mbr: Isr. Med. Assn, Psychiatric Assn; papers on clin.. & theor. topics in psychiatry.
3, Bartenura St., Jerusalem; Tel. 02-33511.

WOLMAN, Dan; film director; b. 28.10. 1941, Jerusalem; ed. New York C. Coll., Film Inst., 62-65; NY U. Sch. of Educ., Major in film, B.B., 65-68; short films (wrote & dir.): Milton, 65; The Rabbai of Nemirov, 65; Habit, 66; The Gospel, 67; etc.; recip.: Aw. of Merit, Kingsley Aw., Golden Eagle Aw., Silver Medal, Scissors Aw., Kinor David Aw.
2, Emile Zola St., Tel-Aviv.

WOLMAN, Moshe; M.D.; Pathologist; Prof. of Pathology, Tel Aviv University-Medical School; b. Warsaw, Oct. 19, 1914; married Brigitte Koebbel; 2 s.; 2 d.; educ.: Florence, Rome U.; Dpt. of Pathology, Hadassah U.-Hopital, 46-59; Head, Dpt of Pathology, Govt Hospital, Tel Hashomer; articles in scient. pbl., chapters in various books; book on the histochemistry of lipids in pathology; book on pigments in patho-

logy; book on peroxidation of lipids & membranes.
15, Ido St., Ramat Gan; Tel. 746833.

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, Ron; 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).
11 West 25th St., N.Y.C. 10010, USA.

WOLSTEIN, Bert L.; Attorney at Law; Mng. Partner, Developers Diversified; Pres., Prime Min.'s Club — Isr. Bonds; mbr Brd trust.: Jew Cmty Fed., Park Synagogue, Cuyahoga Cmty Coll., Exec. C'tee Rep. Prty; UJA Natl Campaign Cabinet; b. 23. 2.1927 Cleveland; ed.: Cleveland High Sch., -45; Clev. Coll., Western Res. U., 46-49; att. Clev. Marshall Law Sch., 49-53; Doctor of Law Degree, cum laude; m. Iris Shur; ch.: Cheryl Faigus, Scott; mbr Big Brothers; Masons.
32049 Fairmount Boulevard, Pepper Pike, Ohio 44124, USA.

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 of Governors, Hebrew U. Jer.; 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. N. Ireland; Chmn, B'nai B'rith Fndn of England; Dep. Chmn, B'nai B'rith Hillel Fndn; Treas., Anglo-Isr. Chamber of Comm.; Hon. Treas., Cent. Cl. f. Jew. Soc. Serv.; Chmn, B'nai B'rith Housing Scty; mbr of Exec.: Maccabi World Union; Hillel Foundation.
Esher House, The Bishops Ave., London N2, England.

WOSK, Morris J.; Pres., Blue Boy Motor Hotels Ltd.; Natl V. Pres., ZOC; Brd mbr, UIA of Canada; Brd Gvnrs, Vancouver Talmud Torah; mbr, Natl Brd, Yeshiva U., N.Y.; Co-Chmn, Pub. Relat., JNF Canada; Intl Brd of Gvnrs, H.U. Jer. (p. Pres. H.U. Pacific Reg.); Natl Exec. Brd, State of Isr. Bonds; Natl V. Pres., Canada-Isr. Securities Ltd. Intl Brd Mbr, Boys Town, Jerus.; mbr B.B.; Vancouver; Hon. Pres., Canadian Cl. of Christians & Jews; b. 4.7.1916, Russia; m. Denna Heckelman; 4 ch.: Miriam, Jerry Joseph, Marcus James, Kenneth Israel; p. Chmn: Isr. Bond Drive & U.J.A.; recip.: State of Isr. Bonds "Man of the Year" Award, 72.
Z.O.C., 788 Marlee Ave., Toronto 395, Ont. Canada.

WRONKOV, Wolfgang; manufacturer; Chmn, Swedish Zionist Federation; b. 4. 3.1928, Berlin; m. Gabriella; 1 s. Jan.; 1 d. Renee; served in the Israel Army (49-50); p. Chmn, Swedish Makkabi Feder., p. Chmn, Makkabi Stockholm; p. mbr, Community General Assembly of Stockholm.
Aspovagen 42, 12540 Aelussoe, Sweden

WURZBURGER, Uri S.; geologist; M. Sc., A.M.I.M.M., DIC.; snr exec. & mbr Isr. Chem. Ltd. (ICL) mngm.; Mng. Dir.Timna Copper Mines Ltd., 71-76; 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 Div. Geological Survey of Israel, 61-70; Pres. Geological Scty of Israel, 69-70; U.N. Expert on Phosphates in Turkey 68-70; chmn brd of dirs.:Timna Copper Mines Ltd. Cables of Zion Ltd., Negev Ceramic materials Ltd., mbr .brd Dir. Petroleum Serv. Ltd., publications in the filed of : mineral resources in Israel, phosphate deposits in Israel, mineralogy of Timna Copper Deposit, Minerals and Metals in the Bible.
Ben Zion St., Jerusalem; tel. 02-522671.

WURZBURGER, Walter S.; Rabbi, Cngn Shaaray Tefila, Far Rockaway; Visit. Assoc. Prof. (Phil.), Yeshiva U.; edit., Tradition; Pres. Rabb. Cl. of Am.; Pres., Synag. Cl of Amer.; act.: Rabb. Advis. Cl., UJA; Fed. of Jew. Philanthropies, N.Y.; b. 29 March, 1920, Munich; education; Yeshiva Coll.,, B.A.; Harvard U., M.A., Ph. D.; m.: Naomi Charlotte Rabinovitz; 3 s.: Benjamin, Myron, Joshua; p. rabbi of cngns: Shaarey Shomayim, Toronto; Chai Odom, Dorchester Mass.; p. pres.: Rabbin. Cl. of Canada; Orthod. Rabbin. Cl. of Gt. Boston; p. vice-pres., Rabbin. Cl. of Am.; co-edit. of Treasury of Tradition; articles in Encycl. Judaica, Tradition, Judaism; numerous Festschriften, phil. & theol. scholarly vols.
1152 Sage Street, Far Rockaway, N.Y. 11691, USA.

WYDRA, Naftali; Dr. Jur.; Managing Director, Isr. Shipping Research Institute; 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.: Jo-

cheved 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" - a non-conformist Zion. Monthly in Germ. & French, politic. critic. to every kind of chauvinism, fighting against ignorance in Jew. & Arabic cult.&hist., bringing Israel near to Jews and non-Jews; member, Executive Council & Board 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 dec. 77; ch.: Judith Siano; Lea.
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YAACOBI, Gad; M.K.; Chm., parliam. C'tee Econ. aff., p. Minister of Transp. B. Sc.; M. Sc.; economist; born 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"; 2 books: The power of quality, 72; The freedom to choose, 75.
13, Shivtei Israel St., Ramat Hasharon, Tel. 981802.

YAAKOV, Itzhak; Mec. Eng., M.Sc.; systems analysis of res. & dev.; Brigadier General (res.); chief, Def. Research & Development; b. 22 March 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. chief Sci., Min. of Indust., p. Chmn, Isr. Stand. Inst., Chmn, Isr. Ind. Center f. R & D; Chmn, U.S.- Isr. Ind. R & D Cl., Pres. Wrldtech Isr. Ltd., v. pres. Control Data Wrldtech. publ.: studies on systems analysis and mngmnt of technol. intensive orgs (some of them f. devel. countries).
40 Hashikmim St., Ramataim.

YAALON, Dan (Hardy); Professor of Pedology, Dpt of Geology, H.U. Jer.; chmn, Comm. on Paleopedology, INQUA (Intl Union Quater. Res.); assoc. edit.: Geoderma, soil sci., Catena; b. 11.5.1924, Czechoslovakia; to Israel 1948; m.Rita Singer,2 s; ed.: Copenhagen & Upsala Uies, B.Sc., 47; H.U. Jer., Ph. D., 54; visit. prof. U of Melbourne, 68; Johns Hopkins U., Baltimore, 68-69; U. of Arizona, 77; head, Isr. delegs to Intl Soil Sci. Congresses, 60, 64, 78; active mbr of several natl & intl sci. Soc.; book: Paleopedology-Origin, Nat. & Dating of Paleosols, Jer., 71; sci. contrib. to intl journals on weathering, mineralogy & geochem. of soils in Isr., on dust, loess, sand sedimentation, on airborne salts & salinization processes.
30 Sheshet Hayamim St., Jerusalem.

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.

YAARI, Ehud; journalist; Head, Arab Desk in Israel's Television; b. 1945, Israel; ed.: H.U.Jer., 62-65; Tel-Aviv U., 70-72; m. Hava Rosenberg; 2 ch.: Efrath, Itzhak; p. Arab Affairs commentator: "Davar" daily, Galei Zahal; p. w. Defence Min.; books: "Fath", 70; Strike Terror, 71; Egypt and the Fedayeen, 75.

88, Bene Dan St., Tel-Aviv; Tel. 444215.

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.; Dep. Prime-Minister, 77; 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; widower; 2 daughters; 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.

"Cameri" Theatre, Tel-Aviv.

YADLIN, Aharon; M.K., Chmn., educ. & cult. C'tee Knesset, 1977-; Minist.of Educ. & Culture, 74-77; M.K., 59-; p. Gen. Secrt. 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.

YAFEH, Ammikam; spec. plann. Advis., Min. of Interior, 75; 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 (Lazarus), Hava; B.A.; M.A.; Ph.D.; Assoc. Prof., p. Head, Department f. Muslim Civilization, I. f. Asian & African Studies, H.U.; mbr., edit. brd. "Petahim"; Inter.faith C'tee; brd. Isr. Oriental Scty; 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; fortheom. book-Religious Aspects of Islam; various translations from Arabic into Hebrew.

11 Ben Lavrat, Jerusalem; tel. 33653.

YAHALOM, Moshe; journalist; satirist & painter; secr. & spokesman Herut-mvmnt; b. Galatz, Rumania, 7.12.1945; to Israel, 1948; ed.: archaeol. & prae-hist., Tel-Aviv U.; m. Sara Bar-Levi; d. Revital; secr. "Fund f. promot. medicine"; mbr comm. reorg. Herut-mvmnt; pres. elect. comm. Givatayim (f. 9th Knesset); edit.: Dapei Herut; Yitush, std. journ., T-A.U.; "Mabat le-Bat-Yam"; Hadshot Ramat Gan; Hamachar-Likud-Youth journ.; articles: Haolam Haze, Hayom Haze, Beeretz-Israel; also caricaturist; perm. paint. exhib., Gall. Lim, T.A.; exhib., Gall. Dizengoff; mbr: Acad. Assn; Edit. Assn. etc.
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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; dir. Gen., Ben-Gurion Foundation, 77-; b. 19.6.1944; ed.: Fcty of Law, H.U. Jer.; U. of London, Diploma LL.B.; Pres., Natl. Un. of Isr. Students, 69 (Dep. Pres., 68; Chief Comptrol., 67); Secr. Gen., Wld Un. of Jew. Stud., 70-; Assit. to Mayor of Jer. & municip. spokesman, 74-75; Dir. Gen., Haifa Tourism Devel. Assn, 75-76; Advis. to the Min. of Transport, 76-77.
53, Hilel St., Haifa.

YAHINI, Joseph H.; M.D.; Prof. of Cardiology, Faculty of Medicine, Tel-Aviv U.; Asst. Head, Heart Inst., Tel-Hachomer Hospital; Fellow, American Coll. of Cardiology; b. Istanbul, 19.5.1919; to Israel, 1951; m. Daisy Behar; 2 s.: Dany, Igal; 1 d.: Raaya; worked: Guraba Hospital, Istanbul, 43-47; w. Turkish Army, Med. Corps, 47-49; Jeferson Hosp. Phila., 49-51; Asst. Head Cardio-Pulmonary Labor., Beilinson Hosp., 51-64; author of several med. & scientific articles here and abroad; hobby: painting (the incomes of many of his exhibs consacred to the Inst. f. Cardiol. Res., Tel Hachomer).

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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; in print: Collective Works: poetry, prose & transl. (not f. child.).

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.
6 Molcho St., Jerusalem; tel. 31197.

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. Israel Prize, 78.

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YANNAY (de Jong), Ya'acov; Mng Dir., BIRD Enterp. f. Intl Relat.; b. Amsterdam, Nov. 2, 1926; m.: Beba Gelbord; d. Daniella; s. Arnon; ed.: Jerusalem & Geneva U.; w. Min. f. 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.

YANOOV (CHETKOW), Binyamin H.; social work; Assoc. Prof., Bar-Ilan U., Sch. of soc. work; b. Canada; to Israel, 1971; ed.: U. of Brit. Columbia (Vancouver), B.A., 51; Toronto U., M.A., 54; M.S.W., 55; Brandeis U., D.S.W., 66; m. Bracha Willes; ch.: Miriam, Michael; mbr, Cl. Soc. Work ed., Brd Assn Soc. Work. (Israel); p. speaker, conslt; p. pres., Neighborhood Assn; p. vice pres., Indianapolis A.J.C., chptr; p. brd mbr, Indianap. Jew. Cmty Relat. Cl.: lctr to soldiers in Isr. army bases & other organis.; res. projects on Cmnty plann. on emerg serv. & on politics; publ.: papers in the field of his interest.

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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., Erel; 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); 13 Poems from the Hinterland, 74; "Neo-Judaism", 74; "Du-Shoresh", 76; "Hold of Sand" (novel), 77; also anthologies, translations of poetry & prose; awarded Talpir Prize for poetry, 67.

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YARIV, Aharon; Head, Center Strateg. Stud., T.A.U., 77-; Aluf (Brig. Gen. Res.); Member of the Knesseth (Maarach), 74-; p. Minister of Transport, p. Minister of Information, 75; Spec. Advis. to P.M., 73-; Spec. Assist. to Chief of Staff dur. October War; p. Director, Military Intelligence, Isr. Def. Forces; 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.

Tel-Aviv University.

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.
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YARON, Chaim; Mech. Eng., B.Sc.; General (Res.); Chmn of Brd & Chief Operat. Off., "Cyclon" Aviation Products; b. 17.6. 1929, Germany; to Israel, 1933; ed.: Technion Haifa, Fcty of Mech. Eng., B. Sc., 62; m. Erela Hochmann; 3 s.: Yoram, Ehud, Aviram; joined Palmach, 47; serv. IAF as Tech. & Chief Techn. Off. of IAF Base, 50-; Dep. Dir. of Eng. & Logistics, 67-70; Chief of Eng. & Logist. IDF/AF operat as Dep. Chief Command. of IAF f. techn, affs, 71-74; p. Gen. Mng., Milchan Bros. Ltd., Tel-Aviv.

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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.; Dep. Head, Dpt. of Phys. Med. & Rheumatol., Ichilov Mun.-Govt. Center, T.A.; Head, Arthritis Res. Unit; Head, Clin. f. Rehab. of child. suffering fr. arth. & connective tissue diseases; 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.; 20 sci. publications & 8 res. works in his field presented at meetings in Israel & abroad (Seatle Washington, Chicago Ill., Brighton — England).

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YARON (Rosenkranz), Reuven; M. Jur.; Dir., Israeli Broadcast. Auth., 77; Dir., Jewish Natl & Univ. Library Jer., 73-77; Ph.D.; Professor of Roman Law & Ancient Near Eastern Law, Hebrew U.; b. Vienna, 1924; m.: Shoshana Cohen; educ.: Hebrew U.; U. of Aberdeen & Oxford; lecturer in Jurisprudence, U. of Aberdeen, 56-57; lecturer, 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), 66-71.

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YASHPHE, Jacob; biochem.-microbiol.; snr lctr, H.U. Hadassah Med. Sch., Jer. (Dpt. of Microbiol. Chem.); b. 16.4.1929, Kamenitz-Podolsk, Russia; to Israel, 1933; ed.: Herzliya HS, Tel-Aviv, -47; H.U. Jer. - M.Sc. Biochem., 58; M.Sc. Bacteriol., 59; Ph.D., 61; res. fllw: Harvard Med. Sch., Dpt. of Microbiol., Boston Mass., 62-64; Brandeis U., Dpt. of Biochem., Waltham Mass., 64-66; publ. in intl. & local sci. journals on the regulation of synthesis & activity of enzymes in microorg. (espec., the regul. of enzymes: Tartrate Dehydratases, Carambyl-Phosphate Synthetase, Malate Dehydrogenase, Manitol-I-Phosphate Dehydrogenase & B-Galactosidase); analyt. methods f. the assay of Hydroxylamine & Hydroxamates, Tartaric Acids, Urea & Carambyl derivations and Carambyl Phosphate; snr frgn fllwship, USA Natl Sci. Fndn, U. of Calif. San-Diego, 71-72; fllw, Rosenstiel Basic Med. Sci. Res. Center, Brandeis U., Waltham Mass., 73.

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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; Inst. f. Advanced Stud., Princeton, 74; Dist. Visit. Prof., C.U.N.Y, 75; author of "Caesar and Caesarism", 71; also author of "Spartacus"; "Plebians in Rome", "Urban Crowds in Roman Politics" (Hebrew); "Plebs & Princeps" (English, Oxford University Press), 1969; also articles in scientific periodicals, in Israel and abroad.

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YEDIDIAH, Shalom; journ.; mbr, edit. staff, "Nowiny Kurier" (Polish Daily), editor, Ta'asiyah u-Mis'har (monthly) published in cooperation with Min. of Commerce & Industry; b. Poland, 1902; p. mbr, editorial staff, "Haaretz", 40-52.

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YEGAR, Moshe; Ph. D., serv. in Israeli Foreign Service; b. 30.10.1930, Argentine; to Israel, 1935; ed.: H.U. Jer.; 1 s. Ehud, 1 d. Ruth; p. 2nd Secr., Isr. Embassy Bucharest & Rangoon; p. Consul, Los Angeles; p. Gen. Consul, Philadelphia; p. Dir, Instruct. Div. & Inform. Div., Frgn Office; publ. (books & articles): Islam in South East Asia, Jewish Communities in the Far East, Zionism, child. lit., etc.

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YEHUDAI, Aryeh; dir., Etz Lavud Ltd. & affil. companies; born in Affula, 1932; dynamic businessman; married; 2 daughters; one of the builders and founders of Etz Lavud Ltd., P.T.

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YEHUDAI, Joseph; dir., Etz Lavud Ltd. & affil. companies; born in Affula; Grad. of Jerusalem U., Law School; mbr, Israel Bar Association; married; one son & one daugh.

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YEIVIN, Shemuel; M.A.; archaeologist; historian; epigrapher; mbr, Heb. Lang. Academy, 53-, & its Exec. C'tee 53-75; lecturer, Tel-Aviv U., 54- (Assoc. Prof. 62; Full Prof. 63-; founder & head, Dept. of Middle Eastern Stud., 59-69; Prof. Em., 69-; Secr. & then member of Ed. Board Bibl. Enc., 42-76; perm. comm., Wld Cngrs. Jew. Studies; b. 2 September 1896, Odessa, Russia m. Bathia Stern; 1 s., Yehuda, Prof.; 1 d. Ephrat-Tirza; education: ATC., Istanbul; U. Coll. and London School of Oriental Languages; Berlin University (post grad), various archeological exped. in Egypt, Israel & Iraq, 23-39; was Secr. of Elections C'tee f. Assephat Hanivcharim of the Jew Yishuv, 1918; Res. Secr. Heb. Language Comm., TA., 35-42; Chief Hebr. Translator, Pal. Govt., 44-48; Dir of Antiquities, Min. of Educ. & Culture, 48-59 (retired); awarded Bialik Prize, 55; Israel Prize, 1968; Author of "History of Jewish Writing" (Hebrew), 1939; The War of Bar-Kokhba (Hebrew) 1, 1946; 2, 1952; 3 1957; chapter for CHJ, 1977; The Antiquities of Israel, part 1, 1955; a collection of articles on "The History of Israel and its Land", 1960; A Decade of Archaeology in Israel, 1948-1958, 1960; The Israel Conquest of Canaan, 1971; and numerous papers on ancient history, archaeology, and linguistica.

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YEIVIN, Yehuda; physicist; M.Sc., Ph. D.; Assoc. Prof., Dpt. of Physics & Astronomy, Tel-Aviv U., 67-; b. London, 15.1. 1924; to Israel, 1925; ed.: H.U. Jer., 46-47, 49-52; Weizmann I., Rehovot, 54-56; m Rina Kushnir, 1949; w. Isr. Atomic Energy 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.

YEKUTIEL, Zvi; Dir., Zalman Shazar Center for Furtherance of Study of Jewish History, Jerusalem; b. 4.3.1945, Israel; ed.; H.U.Jer. — Pol. Sci. & Hist. of Jew. People, B.A. & M.A. stud., married; 3 ch.; p. Dep. Chmn, Un. of Isr. Students; p.Dep. Chmn. Brd of Dirs, ISTA.

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YEKUTIELI, Baruch; banker, lawyer; Joint General Manager, Bank Leumi Le'-Israel B.M.; Chmn, Am-Isr. Paper Mills; Migdal- Binyan Insur. Co. Ltd., Africa-Isr. Invest. Ltd.; b. 23 January 1926, Tel-Aviv; ed. : Reali Sch., Haifa; H.U.Jer., Fcty of Law, LL.M.; m. Naomi Toeroek; 2 ch.; p. Deputy Controller, Foreign Exchange Dpt., Min. of Finance.

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YELLIN, Itzhack; Dep. Mayor of Ramat-Gan; Chmn, Irgun Yotzei Grodno be' Israel; viril., Zion. Exec.; b. 26.3.1911, Grodno, Poland; to Israel, 1930; ed.: grad. Heb. Gymn. „Tarbut", Grodno; m. Miriam Waysman; 3 s.: Yehoshua, Aharon, Matania-Dov; 1 d., Zeeva; mbr: C.C .Heruth Mov., Zeev Jabotinsky Lodge, Etzel veterans; act. in Zion. org., 25- (as command. Ken Bethar, Grodno); org. Alliyah Beth (illeg. immigr. throu. Syria & Lebanon), 32-33; p. Secr. Gen., Merkaz Hatzohar in Eretz-Israel and p. mbr of Wld Exec. of Heruth-Hatzohar; p. Dir., Keren Tel-Hai; p. mbr of Presidium, "Le'assireinu"; p. Gen. Dir., Un. of Cinema in Isr. (edit. of Bulletin of the Un., 52-68), etc.

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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", Brd. mbr. Health Insurance Fund of Natl Workers; mbr, Avshalom Feinberg Memorial C'tee, etc.; articles in dailies & periodicals on workers problems, labour disputes, health insurances, mbr. brd. Otzar Amami, coop. cred. Scty; Trustee Jabotinsky Memorial, Har-Herzl, etc.

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YELLIN, Solomon; dir. of companies; chmn, Anchor Diamonds Corp. Ltd.; chmn, Zion. Luncheon Club; exec. mbr, S.A. Zion. Fed.; b. 22.10.1911, Vilna, Poland; ed.: Yeshiva & Heb. Gymn., Lithuania & Poland; widower; s.: David Isaac; p. chmn: S.A. Board of Jew. Ed., f. 5 years (treas., f. 6 years); Johannesburg Un. Communal Fund, 2 years; Zion. Luncheon, 25 years; Friends of Isr. Philarmonic Orch. & Habima, 10 years; Ex. Stockbroker's Assoc., v. Pres., Un. Zion Assn; Chmn. Johannesburg C'tee Jer. Coll. Technology.

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YERUSHALMI, Shmuel; M.Sc. (Applied Physics); res. in bio-med. eng., Dpt. of Electronics, Weizmann Inst. of Sci.; Secr., Isr. Scty f. Med. & Biol. Eng.; b. 10.9.1934, Rio de Janeiro, Brasil; to Israel, 1956; ed.: Technion Haifa, B.Sc.E.E., 69; Feinberg Grad. Sch., Weizmann Inst. of Sci., M.Sc., 72; m.: Sara Cohen; 2 s.: Yoav, Naor; mbr, Intl Fed. f. Med. & Biol. Eng.; papers on electric. pacing of the heart; telemetry of physiol. data; applic. of magnetism in bio-med. eng.; blood flow measurements; Secr. Gen., 12 Intl Conf. on Med. & Biol. Eng., Jerusalem.

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YESHAYAHU, Yisrael; Speaker of the Knesset, 72-77; 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, 70-72; Dep. Speaker of the Knesseth, 55-67; Chmn, Knesseth House C'tee, 70-72.

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YESHURUN, Shraga; Snr teacher in Math., Bar-Ilan U., 58-; b. Hungary, 27.3. 1914; to Israel, 1947; ed.: "Pazmany Peter", Royal Hungarian U., Budapest; m. Ayala Hadassa Reichfeld; s. Nakhshon; d. Shkediya; p. secondary school teacher; mbr: School Science & Math. Assn, USA; Information Processing Assn of Isr.; sci. papers, mostly in the field of math.; educ.; author of an Heb. textbook of statistics; editor of math., statistical & physical tables; originator of the cognitive method: a teaching method of transforming verbal problems into equations & of psycho-math. based teaching method; lectured on this & on the psychol. of teach. & learn. Math. at Intl Congresses of Math. Ed. (Lyon, 69; Exeter, 72; Karlsruhe, 76).

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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. Braha Uni; ch.: Moshe Yoav, Einat; Res. Eng., Soreq Nucl. Res. Cent., 60-65; Res. Assoc., Jet Propulsion Lab., Pasadena, Calif., 71-73; mbr: Am. Scty f. Mass Spectrometry; Electric & Electron. Eng. I.; Pres., Isr. Scty f. Vac. Technol.; 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; forensic analysis of explosives & drugs.

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YODFAT, Yair; Dr. physician; assoc.prof. family med., H.U. Hadassa Med. Sch.; Head, "Shimshon" Med. Center, Kupat Cholim, Beit Shemesh & Hadassa U. Hosp., 70; Head, fam. med. progr., H.U. Hadassah Med.Sch., b. Israel, 12.8.1930, ed.: elem.sch. Hadera, 36-44; "Herzlia" Gymn., T.A., 44-48; H.U. Jer., 50-57; m. Sarah Rabinovitz, 1953 ch.: Ofer, Nirit, Talila; mbr: edit. board, "The Family Physician"; Head, Family Med. Center, Beit Shemesh, 58-70; mbr, Cl. of Wld Org. of Natl Colls & Acad. of Fam. Med.; mbr. WONCA stand. C'tee on res. & stand C'tee on emerg. call; mbr. exec. Cl. Isr. Assn. of Fam. Med.; Curriculum C'tee H.U. Hadassah Med. Sch.: publications (in science journals): Outbreaks of var. viral diseases in a kibbutz; Mucosal resistance to respiratory viral infections; Prevalence of cardiovasc. disease & peptic ulcer among var. ethnic groups; Anemia and its relation to var. population; many publ. on working systems & teaching in Family Med.; The role of nurse practitioners in family practice; The incidence and prevalence of chronic disease in a rural poulation in Israel; Immunogenetic markers among various ethnic groups in a rural population; Prevalence of Hepatitis B antigen & subtypes among var. ethnic groups; Evaluation study of a preceptorship porgram in general practice for senior medical students; Iron deficiency anemia in a new immigrant town in Israel; Toxic effects of Chloramphenicol

- a survey of children treated in general practice; The postgraduate training of the general practicioner; "Zieman" Prize, by Min. of Health, 68; "Sulka" prize, H.U. Med. Sch., 74.

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YOFFE, Abraham; Member of the Knesseth (Licud), 74-77; Chmn., Nature Reserve Authority, Israel; p. Off. Commanding, Northern Command; b. Yavniel, 13; m.; 3 ch.; educ.: U. in Britain; served under Orde Wingate, 36-39; British Army, 40-46; var. commands, IDF, 48-56; commander, 9th Brigade, in historic march to Sharm-el-Sheikh, 1956; commander, Officers' Training School, 1957; head, Training Branch, H.Q., 57-58; officer commanding Southern Command, 58-62; Off. commanding Northern Command, 62-65; Commander Armoured Column at Sinai Front, six days' war.

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YOFFE, Abraham B.; journalist; Literary Editor, "Al Hamishmar" (daily); b. Rumania, 14.3.24; m. Judith Oberlaender; 1 d., Amital; s., Haggai; author: "Poetry and Reality", 51; "Charlie Chaplin", 58; "French Dialogue" 58; "Major Events in World Literature", 60; "Hemingway" (Critical Study), 66; "Abraham Shlonsky, His Life & Work", 66; edit. & introd. "Selected Works" of M.M. Feitelsohn, 70; "Molière and his Plays", 71; "Balzac and The Human Comedy", 71; co-edit., "Roots and Storm", anthol. of Jew. Writers in Rum. lit., 72; Parallel Features in Modern Short Story, 73; New Versus Old, 75; mbr C.C., P.E.N. Centre, Israel, mbr, C.C., Heb. Writer's Assn.

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YOFFE, Shlomo; composer; b. Warsaw, Poland, 1909; to Israel, 1930; ed.: Teachers' Smnry, Poland; Agric. High Sch., Czechoslovakia; Acad. of Music, Israel; m. Shulamit Dessau; 2 s.: Avner, Amir; compositions: Symphonies, Symph. poems, concertos f. violin, Oboe, cello; cantatas on bibl. themes; quart., music f. chamber, ensembl. mus. f. choirs; Dir. Stud. f. Music, Gilboa & Bet-Shean, 53-73; secr. Kibutz Beit Alfa, 63-65; mbr. League of Comp. Isr.; ACUM Ltd.; recip. awards: Min. of Educ. prize for cant. „Alilot Hagilboa", 55; Nissimov prize f. lo choir songs, 55; Engel pr., T.A. munic. f. viol. concerto, 56; loth anniv. pr. f. quartet, 58; Acum pr. f. str. quar., 62; HUC pr. f. relig. cantata, 70; Acum pr. f. miniatures, 75; Acum pr. f. Lamentation f. mixed chorus a capella, 76.

Kibutz Bet Alfa, M.P. Gilboa.

YONAI, Joseph; M.A.; Coord., Pedag. Secret., Min. of Educ.; b. 11.4.1926, Vilna, Poland; to Israel, 1936; ed.: Teach. Coll., Beth Ha'Kerem, Jer.; H.U. Jer.: Pol. Sci., Pub. Admin., Educ. Admin., m. Tova Blumenthal; 1 s. Eyal; 2 d.: Pazit, Doron; p. teach., princ., inspector, Natl Insp. and Distr. Insp.

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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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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; recently - patent f. a new construction which compete w. a propeller by using wind energy & another applic. of propellers.
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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; married; 1 s.; 1 d.; educ.: 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; "Contracts in the State of Israel", 75; numerous articles on law & political science; Tedeski-Zeltner, Law of Sale, 72; Prize of the State of Israel, 71; Dist. Gvrn, Rotary, 71-72; dec. 17.3. 1977.

39 Hashoftim St., Tel Aviv.

ZEMANEK, Arie (Erich); conductor (rank of Chief Superintendent of Police - Lt. Col.); Act. Dir. of Vocal Dpt., Rubin Academy, Jerusalem, 74-75; Director, 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.; M.H.L.; M.A.; Rabbi, Kedem Syn., Tel-Aviv; p. Chmn., C. of Progressive Rabbis in Israel; Representative of the World Union for Progressive Judaism in Israel; b. Kansas City, Mo. 1.1.32; m. Ilana Koren; 2 d., 1 s., ed.: 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 editor of Journal "Shalhevet".

4, Levitan St., Neve-Aviv, Tel-Aviv, Tel. 410985.

ZIDERMAN, Adrian; Prof. Dpt. of Econ. & Sch. of Educ., Bar-Ilan U.; b. London, 1937; to Israel, 1975; educ.: State Scholar, Exhibitioner & Prizeman, Downing Coll., Cambridge; B.A. Econ., M.A., Cambridge; A.M. Econ., Stanford, U.S.A.; Ph.D., London Sch. of Econ.; m. Miriam Wirzer; 2 don Sch. of Econ.; m. Miriam Wirzer; 3 s.: Shmuel Mordechai, Yair Chaim Assaf; mbr Acad. Advis. Cl., Jew. Coll., London; Chsit. Traing.Serv.Agcy, UK;p.cnslt UK Dpt of Educ. & Sci.; UK Dep. of Employment; U.N. Econ. Comm. f. Africa; mbr: Royal Econ. Scty; Am. Econ. Assn.; Acad. Advis. Brd, Intl Manpower Journal; expert in manpower econ., educ. policy & training; auth. (joint): "The Utilization of Educated Manpower in Industry", 67; "Manpower Training", 78, contrib. to numerous journals in econ.; Fulbright Scholar, 59-61.

Department of Economics, Bar-Ilan University, Ramat-Gan.

ZIEGLER Zvi; Prof. of Mathematics, Dpt. of Math., Technion, Haifa, 78-; 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; Assoc. Prof., Stanford U. 71, 74, 75, 76; Scty f. Industrial and Applied Maths.; invited to lecture at 7 intl conferences on Inequalities & Approximation Theory; publ. about 25 research works.

28, Einstein St., Haifa; Tel. 241043.

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.

ZIMERMAN, Avigdor; Gen. Mng., Matun-Chelit Ltd - Industrial Control Instruments & System Manuf.; b. 1923, Tomashov, Poland; to Israel, 1935; ed.: Gymn. Bialyk & Technion, Haifa; m. Rachel Singer; 3 ch.: Zvi, Jehudit, Daliah; active in spreading of consciousness of automatization in Isr. indust. & Isr. inst. of techn. train.

3 Kish Blvd, Haifa.

ZIMMERMAN, Rubin B.; industrialist; Pres.: Zimmcor Canada; Zimmcor Alubin, Israel; Modern Aluminium, England b. 8.12.1927, Belz, Bessarabia; ed.: interruped by war; m.: Faigie Yampolsky; ch.: John, Mark, Shirley, Stacy; Pres., Jew. Cultur. Assn, Montreal; Dir.: 1st Intl Bank of Isr., Canada-Isr. Chamb of Commerce; National Vice President Bar Ian U., Canada. Isr Secur. Chmn: Exec. C'tee State of Isr. Bonds, Canada; 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 4, 5, 6, 7th Knesseth; elected Dep. Speaker, 69.

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.

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 Corp., 69-74; Trust. & Pres., First Penn. Mortgage Trust, 70-74; Finan. Consult. 75; also: Chmn, Camden County State of Israel Bonds 52-54; State of Israel Bonds, 52; Philadelphia Committee 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, 71-75 (Chmn, 75-), Chmn. Exec.C'tee, 77.

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. 71-77; b.24.6.1936, Tel-Aviv; ed.: Technion, Haifa; m. Gabriela Morgenstern, 1960; 3 sons.

40 Habanai St., Jerusalem; tel. 521661.

ZIV, Avner; psychologist; Assoc. Prof., 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"; "Psychological Aspects of Education", 75; "Psychopedagogie Experimentale", 75; „The classroom a social group", 77; "Counselling the intellectually gifted child", 77; Act. Chmn. Isr. Exp. Inst.; 60 articles and res. reports in psychol. journals in English, French and

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., The First International Bank of Israel, Jer. 73-; acting chmn Israel Exportation Institution; Vice-Chmn, Anglo-Isr. Chamber of Comm.; mbr Brd of Dirs: Isr. Export Inst., Isr.-Am. Chmbr of Comm.; Bi-Natl Chmbrs of Commerce Association; past 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. 415024.

ZIV-AV, Izchak; journalist; exec.; Chmn, C.C. Farmers' Un. of Isr., 75 (Dir. Gen., 52-75) & edit. of "Farmers" monthly; b. 4.6.1907, Smolensk, Russia; to Israel, 1926; ed.: Fcty of Educ., Smolensk U., 23-26; m. Debora; 2 s.: Abraham, Aharon; settled in Magdiel, 26 (Mng. Magdiel Local Cl., 30-33); Mng. Edit., "Haboker" daily, 35-48; 1st Milit. Corresp. IDF, 48; Dir., 1st P.R. Dept. of Isr. Gov., 48-52; mbr Brd of Dirs: JNF, 60-; Land Auth., 65-; Chmn: Devel. Dpt. JNF, 65-; Land Devel. Auth., 77-; Exec. Brd Coord. Bur. Econ. Org. 67-; Isr. Repr. to IFAP, 67- (mbr of Wld Exec. Brd, 75-); mbr: C.C. Lib. Pty, 52-; Cls of Habimah & Ntl Opera; Chmn, Brd of Flora & Fauna Galilean Mus., etc.; books (in Heb.): Unknown Land, 43; I Seek My Brethern, 46; Good Morning, Unole Spring and Animal Holiday (f. child.) 47; The Price of Freedom, 50; Travels, 51; Forever Ours, 56; A World to live in, 62; Another World, 67; contrib. to local press and radio; recip. Lit. Prize (f. "Forever Ours" and f. parts of "Unknown Land").

3 Shmueli St., Ramat-Gan; tel. 790227.

Office: 8 Kaplan St., P.O.B. 209, Tel-Aviv, tel. 252227.

ZOHAR, Haim; M.A.; Advisor to Chmn of World Zion,Exec. & Jew Agcy Exec, p. Head,Students' Auth., Min. 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); mbr: Brd of Intl Confer. of Jew. Comty Serv.; Public Cl. f. Cult. & Art.

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, Long Day's Journey into the Night; 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.

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, Hanegev 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; 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).

3, 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 Happy Years (novel); The Roman Way (stories); essays on poetry included in anthologies; paint. exhibitions, 66, 71.

26 Ruppin St., Tel-Aviv; tel. 232579.

ZUCKER, Louis Clement; Prof. Em., English & ltr, Judaics, Utah U.; co-found., S.L. & Life-President,, ZOA, 46- (V. Pres., 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" (Mormon quart.); lit. journals; historian of Jews in Utah; lecturer, 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; Hon. Life Mbr, Utah Poetry Scty, 73.

1138 E 27 S., Salt Lake City, Utah; office: Utah U., Salt Lake City, Utah 84112, USA.

ZUCKERMAN, Louis A.; in construction bus., 1950-; b. Washington, D.C., 18.8.1914; educ.: publ. sch. Wash., G. Washington U. & Law Sch., grad. 37, bar exam.; practiced law in Wash., D.C.-42; m. Greta L. Zuckerman; 1 d. Carolyn Joan; with U.S. Army, 42-45; engaged in buildg. & dev. approx. 12,000 apartment units & 5,000 single fam. homes f. sale to gen. public; mbr: Wash. Hebr. Cngn; B.B.; UJA; UGF & Comm. Chest; Israel Bonds; Natl Confer. of Christians & Jews (serv. on various c'tees); V. Chmn, Annual Brotherhood Citation Dinner; Exec. Brd, JCC, 64, 65, 71-73; Adv. Brd, Madison Natl Bank, Wash., 65-; mbr: Natl Assn of Home Builders; Intl Brd Gvnrs, Technion; Brd Dirs, UJA; JCC Fndn; Lifelong resident of Washington, D.C. area.

B'nai B'rith, 1640 Rhode Island Ave., N.W. Washington D.C., 20036, USA.

ZUCKERMAN, Paul; Pres. & p. Gen. 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 Dr. Sh. (h.c.: Bar-Ilan U.; Sienna Heights coll.; Exec. C'tee, Jew. Agcy. Jer.; Chmn, Wld Fund Rais. C'tee, Jew. Agcy, Jer.; brd mbr.: U.J.A.; U.I.A.; JDC.; JTA; v. Pres., ORT.

Detroit, USA.

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; Gen. Mng., Clal Industries Ltd; Dir., Ind. Div., "Clal", 74-; p. Assist. Minister of Defence, 67-69; p. Director General, Mekoroth Water Company; past Chief of General 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-.

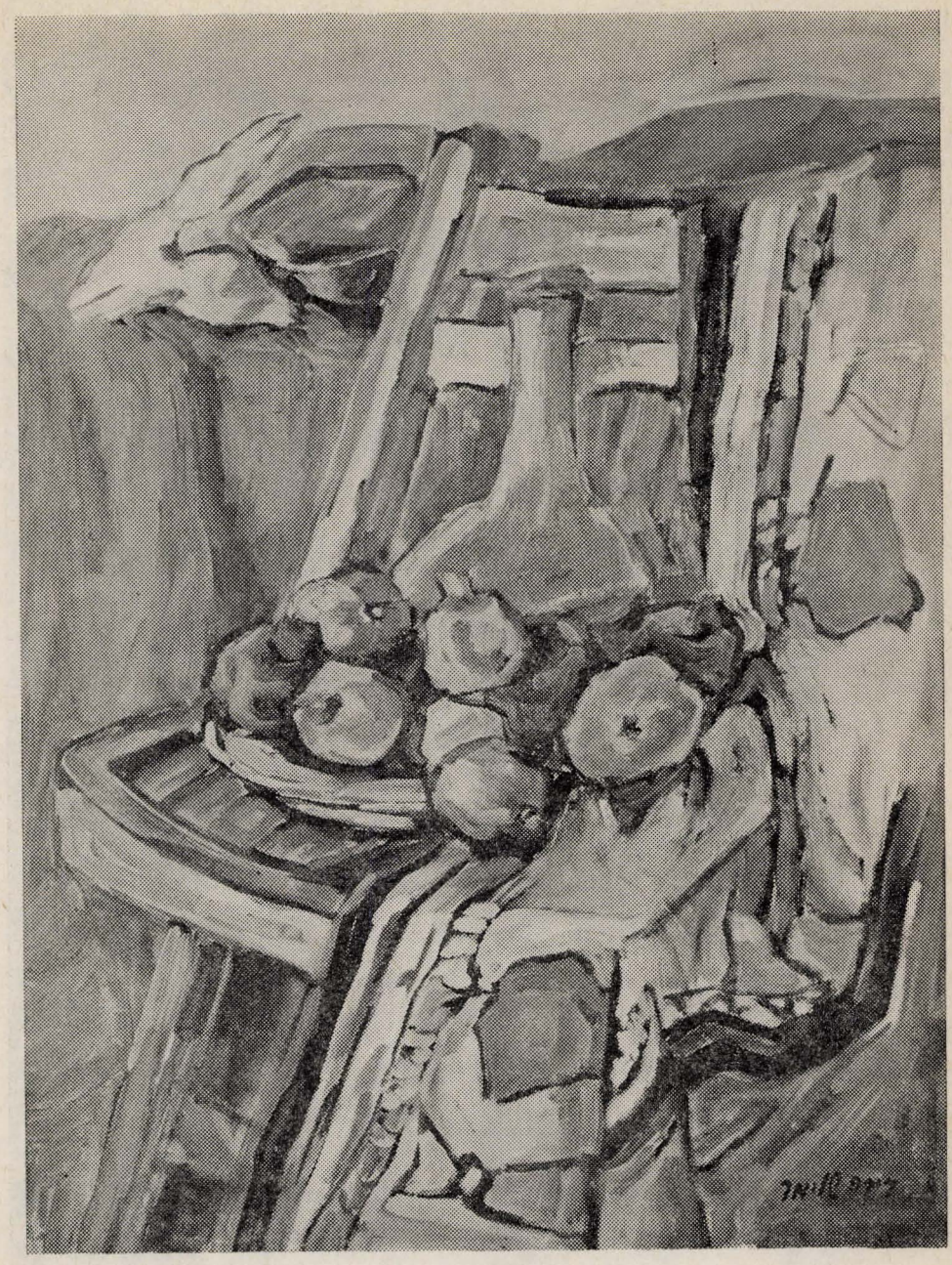
19 Benayahu St., Zahala, Tel Aviv.

ZURR, Zwi; M.Sc.; chemist; Managing Director, Koor Chemical Works Limited; 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 near Beer-Sheva,

ZVIELI, Benjamin; Rabbi. Head, Relig. & Jew. Stud. Dept., Isr. Broadcast. Auth. & TV; b. Poland, 1918; to Israel, 1936; ed.: Teacher's Train. Coll., Heb. U. Jer., New York U., Yeshivoth — B.A., M.A., Educ. Communication; Res. Stud., Heb. U.; BBC Broadcast. course (London); TV course CBC, Toronto (Can.); m. Chava Metal; 3 ch.; co-found. "Hashomer Hadati", Poland; ord. Rabbi by Rabbi Gaon Sh.Y. Zevin (chief edit., Talmud. Encycl.) & chief-rabbis of Israel; cult. emissary, London; writ. & prod. hundreds of radio & TV programs; publicistic artic. & res. papers on Judaism, Educ., Communication; books: "Yomano shel Gideon", "Rabbi Israel Baal Shem-Tov", "Anu Kulanu", "Sichot Bamikra"; Longplay record on festivals (English); p. edit. weekly "Hatzofe Liladim"; princip. "Rabbi Zlotnik-Avida" Heb. Teach. Train. Coll. Johannesburg, S. Africa.

30, Alharizi St., Rehavia, Jerusalem, P. O.B. 7197; Tel. 39027.



RIKA SCHWIMMER

Still-life (Oil)



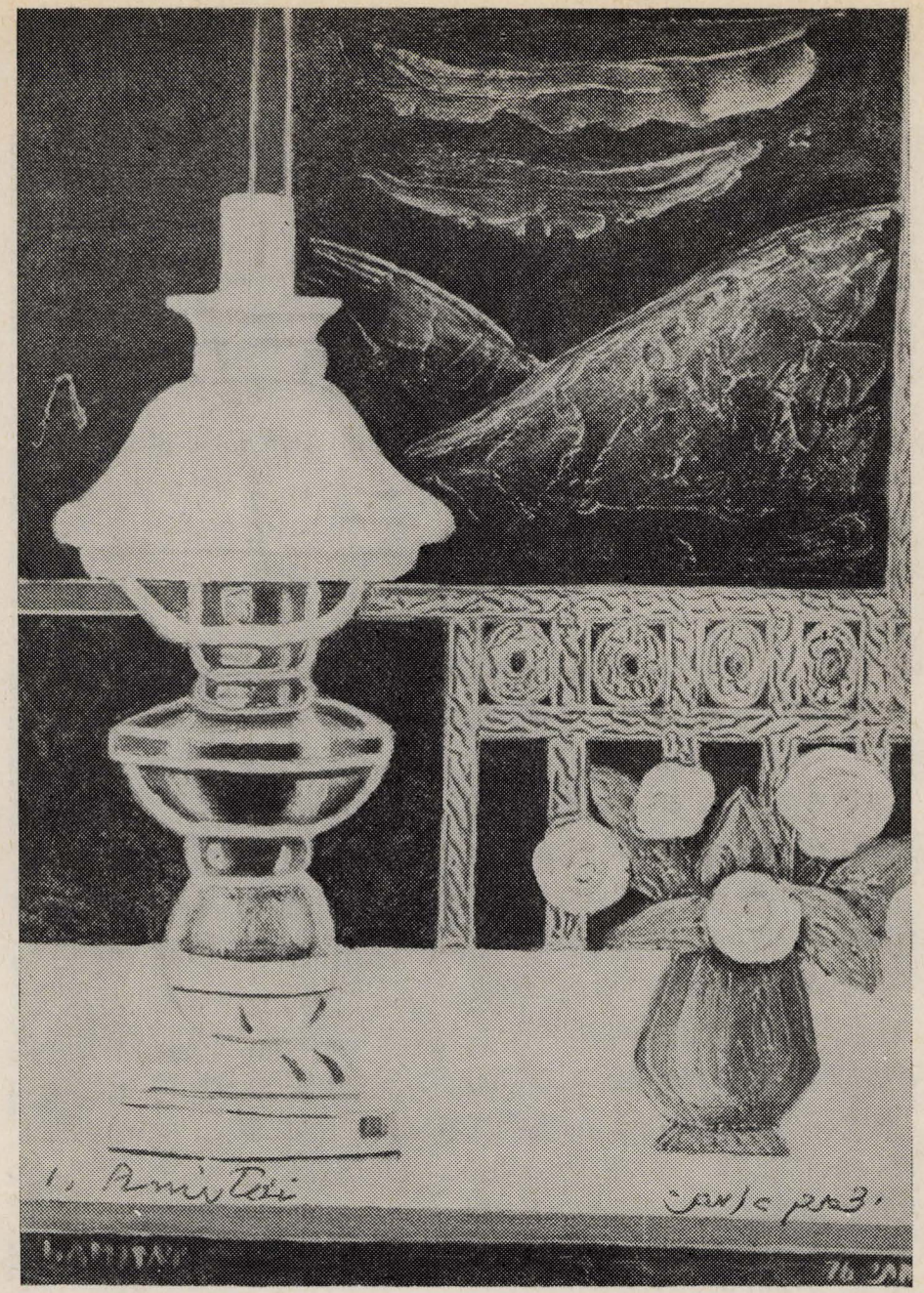
ZVI SHINAR „My Fair Lady" (oil)



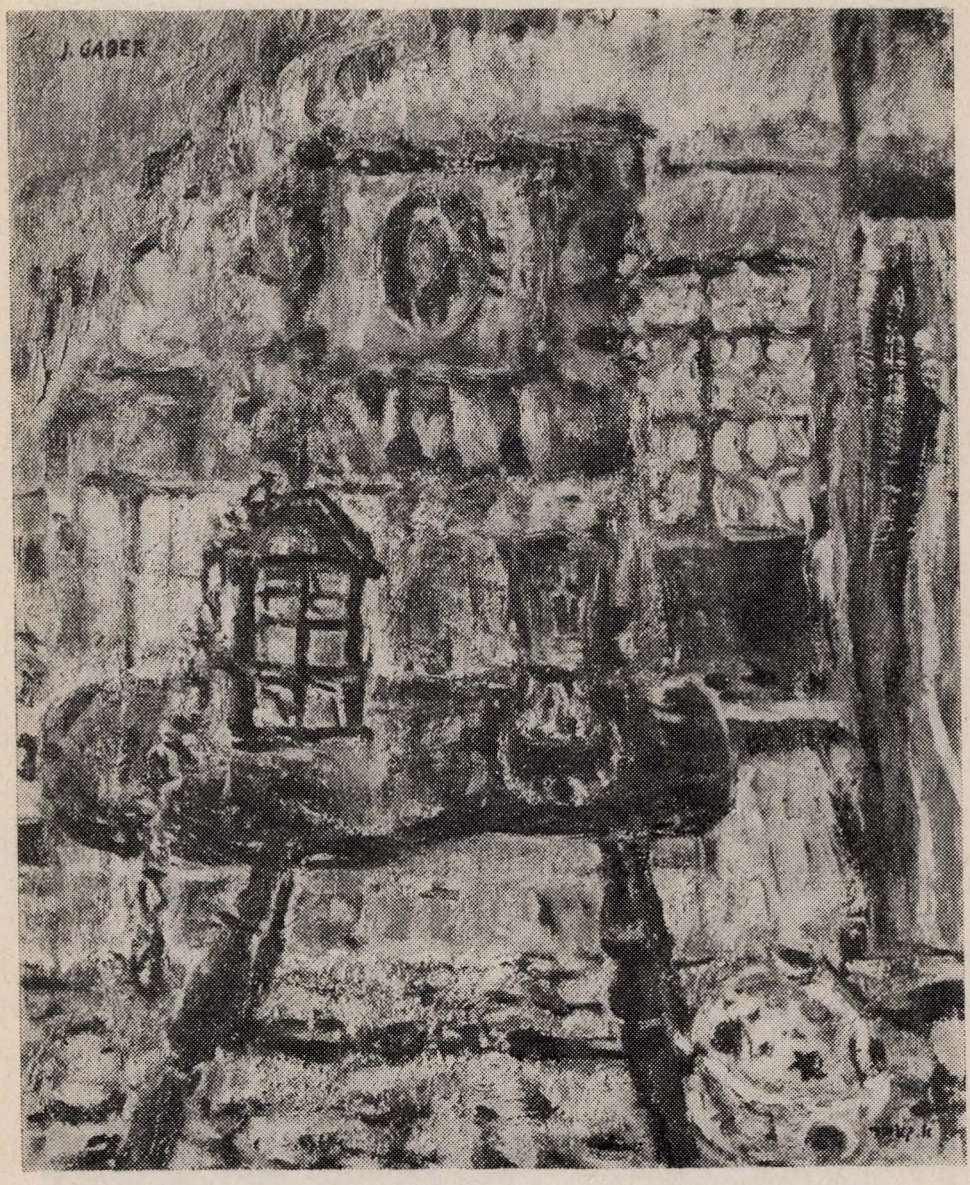
SHOSHANA FINKELSTEIN "...And how I bare you on eagle's wings" (Exodus 19,4)



EFRAIM LIFSHITZ „The Struggle for Life" (Oil)



ISAAC AMITAI Oil, 1976



IRENA GABER Interior (Oil), 1970

PART II

GOVERNMENT, OFFICIAL INSTITUTIONS / PUBLIC INSTITUTIONS and CORPORATIONS / PUBLIC and PRIVATE ENTERPRISES



SIMON KARCZMAR

"The Klezmers" (Musicians)
acrylic on ca-vas

JERUSALEM — THE CAPITAL

Since Jerusalem's reunification in June, 1967, it has been transformed from a provincial city divided by barbed wire to the most dynamic and fastest growing city in the country.

Extension of Jerusalem's boundaries after the Six Day War tripled the size of the capital overnight and made it the largest city in Israel. In 1976, it became the most populous city as well, surpassing Tel Aviv. New housing developments, each larger than almost any of Israel's new towns, began to sprout on the periphery of the city. Some 40,000 persons were living in them within a decade of the Six Day War, many of them new immigrants. These developments stretched from Gilo on the outskirts of Bethlehem to Ramot at the foot of Nebi Samuel.

Most tourists to Jerusalem before the Six Day War had stayed in Tel Aviv hotels, coming up to the capital for a day's sightseeing. Since 1967, Jerusalem has become a tourism capital with the number of hotel rooms doubled in 10 years.

Culturally, Jerusalem likewise realized a sharp awakening. The handsome new Jerusalem Theatre was completed, giving Jerusalem a facility of a kind normally reserved for cities many times its size. The old Turkish inn, the Khan, was renovated into a theatre and night club complex. The century-old Mishkenot Shaananim, the first housing built by Jews outside the walls of the Old City, was converted into a guest house for visiting artists and intelloctuals whose contribution to the cultural life of the city has been significant. The Jerusalem Symphony Orchestra began offering its concerts twice a week in 1977 in order to meet the growing demand for seats.

A museum of Islamic art dedicated to the Hebrew University scholar L.A. Mayer was opened and a new youth wing for Arab and Jewish youths was built next to the Rockefeller Museum. Works of art by world-famous sculptors were placed in parks and other locations around the city. In order to expand the economic base of the city, new industrial parks were developed at Atarot in the north of the city and Talpiot in the south. A new science-based industrial park was created near Sanhedria Murhevet. Older industrial sites were expanded. In all, three times as much industrial space was developed for the capital in the five years after the Six Day War than were developed in the previous 20 years.

New commercial high rise buildings and hotels began to alter the city's skyline but municipal authorities decided to curb the development of future high rises. Scores of parks were developod around the city and a national park of world significance began to take shape around the walls of the Old City. Reconstruction of the Jewish Quartier continued at a careful pace in order to permit archaeologists to uncover the buried remains of antiquity and to permit the architects to incorporate as much of existing structures as possible.

On Mount Scopus, the original Hadassah Hospital was restored after years of painstaking labor and was opened in 1977 to the Jewish and Arab residents of North Jerusalem. In the Moslem and Christian quarters of the Old City, millions of pounds were invested by the government annually in order to modernize the inadequate infrastructure and thereby spare the buildings the danger of collapse.

In addition to physical improvements, an atmosphere of tolerance between Arabs and Jews and among the numerous religious communities was nurtured and access to holy places strictly safeguarded.

A new Jerusalem has taken shape since 1967, one that respects and restores the ancient traditions of the city more than ever before while at the same time permitting residents and visitors to enjoy the amenities of modern life.

HAIFA MUNICIPALITY

The Municipality of Haifa, representing and serving a population of over quarter of a million, operates and promotes municipal services by means of an ordinary budget and a development budget amounting to a total of about one milliard Israel pounds.

Haifa's natural beauty — a city clinging to the slopes of Mount Carmel between the large Carmel Park and the sea — is not its only asset. It is also Israel's chief port, embracing the curve of Haifa Bay; it has industries which provide a solid economic basis and a source of living for its inhabitants; and its land reserves offer the possibility of planned building over an area of 58,000 dunam.

About 70,000 children, youth and adults are served by the municipal educational network, to which about 30% of Haifa's budget is dedicated. So far there are 18 modern full-day homes for children of age groups from 3 months to 3 years, operated by Haifa women's organizations. 287 kindergartens take care of over 8,500 children at the compulsory pre-school age as well as 3 - 4 year-olds. 30 additional kindergartens are in the process of construction. 22,500 pupils study in 855 elementary school classes, and some 10,000 study in 334 classes of the intermediary unit. 297 classes are at the disposal of high school education, both theoretical and vocational.

Haifa has three institutes of higher learning: the Technion-Israel Institute of Technology with 8 500 students; the Haifa University where some 7,000 will study next year; and the Abba Khoushy School of Medicine with its 400 students, which has now joined the Technion. The municipality has established heating installations in all educational institutes, including kindergartens and clinics for the care of babies and mothers.

Supplementing the educational network are 27 youth centers and neighborhood clubs; sports grounds (illuminated by night); a municipal stadium; and, in addition, two regional stadiums. A sports' ground has been prepared in the Kiryat Eliezer sports' center with night illumination to serve tennis players; this, in addition to the Soluf Center at Bat Galim.

A company for exhibitions, fairs and festivals has recently been established to promote a venture for developing summer and leisure resorts. 280 dunam have been allocated on which exhibition pavilions and special installations for festivals and fairs will be constructed. The company will organize events in the thirtieth year of Israel's independence. This company also operates the Sports' Hall and the Auditorium.

The Sports' Hall, at the Ruppin Junction in Romema, provides seats and a roof-cover for an audience of 3,500. It contributes much to sporting activities as well as to the organization of international events. Various groups use its facilities for improving physical fitness.

The Haifa Auditorium, with 1,400 seats, is situated on the Central Carmel and is used for concerts of the Haifa Symphony Orchestra and other orchestras — both local and from abroad, as well as theatre performances, opera, exhibitions, international congresses, and various artistic shows.

The Haifa Municipal Theatre incorporates three theatre companies. The performances of two of these groups are held in the theatre hall, which has been especially adapted to the requirements of Group 2; and Group 3 is mainly intended to develop local playwrights, and for giving performances in the suburbs, community centers and army camps. (Group 2 sometimes holds performances at the Haifa Soldier's House).

The construction of "Beit Halohem" (Fighters' House) and "Yad Labanim" (Sons' Memorial) houses is now in progress. Millions of pounds are being invested in these two enterprises which are of great importance to bereaved families and invalid soldiers. They include many installations and services which are beneficial to those who need them. Also, "Beit Hahayal" (Soldier's House) was recently built with the support of the municipality.

Haifa has eight municipal museums with collections and exhibitions in all areas of art : the new Municipal Museum House which accommodates the Museums for ancient Art, for Modern Art and for Ethnology and Folklore; the Museum of Music and a Musical Library; the Museum for Japanese Art; the Prehistory Museum and Biological Institute; the Maritime Museum with rare objects; and the Museum of Illegal Immigration, including the Immigrants' Ship "Af Al Pi Chen". The Mane Katz Museum has also been opened in Rehov Yefe Nof.

The municipal bathing beaches have been improved and extended. Promenades have been built along the seashore, with services, playgrounds, parking places, etc., as well as piers. Large sums are to be invested in the development of the seashore. The municipal pool "Galey-Hadar" has been renovated and a heating unit installed there. It will soon also have a mobile roof.

The city boasts 340 public parks and flower gardens. 121 public playgrounds serve mothers with children. Last year parks were developed and new ones established on 1,048 dunam. 1,240 dunam of forests were planted as well as 13,550 trees in the streets of the city. 2,000 benches were installed along the streets of Haifa and

its suburbs.
84,000 dunam on Mount Carmel has been declared a national park and nature reserve. This area is one of the finest and most impressive landscapes in the country. 4,000 dunam of the national park has been fenced off for wild-life.
In the field of hospitalization, the number of sickbeds has been increased by hundreds. At the Hospital for Chronic Diseases, which had 125 beds in its first stage, the municipality has completed the construction of a new wing with 120 beds. At the Rothschild Hospital a new 9-storey wing is being built. The construction of the new wing of the Rambam Government Hospital has been completed with a capacity of 200 beds. In October 1976 Kupat Holim of the Histadrut inaugurated the new modern hospital on Mount Carmel with 350 beds. With the opening of the new wings Haifa will have about 2,600 hospital beds. Since the governmental-municipal Shikmona company started operating in 1962, the elimination of slums and the rehabilitation of run-down areas has gained momentum in Haifa. Till 1972 the company dealt with the evacuation of slums such as Wadi Salib, Shikun Ironi, Shemen Coast, Upper Halissa and Wadi Rushmiya. Since 1972 it has been dealing as the only government authority in Haifa with all problems of housing for the needy. Shikmona has so far settled some 7,000 cases in connection with dwellings of various kinds, including 4,000 in demolition areas. About 500 loans have been granted to residents of overcrowded neighborhoods.

The subjects of tourism development in Haifa received momentum when the planning authority recently approved a number of plans for hotels on the seashore and Mount Carmel. About three years ago Haifa Municipality founded the Haifa Tourism Development Association which undertook to promote tourism to Haifa, to expand the spectrum of activities made available to the tourist, to develop tourist services, and to encourage tourist enterprises. The association edited and published a series of booklets, pamphlets, brochures, maps and postcards for the convenience and use of the tourist. It initiated articles and broadcasts in the media abroad. It brought Haifa onto the map for tourists coming from the U.S.A. with a four-day program using Haifa as the base for people visiting the north of Israel. It helped to develop poular tourism — especially student tourism — which resulted in thousands of extra guest-nights in the City of the Carmel. It organized, either alone or with others, varied events for tourists, such as walking tours, bus tours, exhibitions, Israeli films, concerts, folklore evenings, international food evenings, etc. This association is busy developing international conventions, and especially well-remembered is the Chess Olympiad in Haifa, the association being among its initiators and organizers — an Olympiad which yielded a circulation of about IL. 15 million.
Within the framework of tourist services the association operates four information bureaus all over town; initiates direction signposts, and signposts at tourist sites; maintains electronic guidance at observation points; provides a 24-hours-a-day telephone service in English — the only one in Israel — supplying information about events taking place in Haifa; presses for improvement of service in restaurants; hosts personalities, journalists, travel agents, and groups from abroad; and serves as an address for counselling in choosing tourist routes and tours in town and the surroundings. It is difficult to estimate the direct returns gained by the field of tourism in Haifa as a result of the activities of the Haifa Tourism Development Association, but it would be quite reasonable to assume that they have contributed to the increase which took place in the number of guest-nights in Haifa in the years 1976/77, as well as the average stay of tourists in the city of Mount Carmel over the last two years by up to two days, and that they have helped to draw the attention of potential investors in the field of tourism to Haifa.
The Haifa Economic Corporation was founded in 1974 to develop economic activities by initiating projects, finding investors and establishing business connections. The company has succeeded so far in signing a contract with investors on the construction of a country club over a total area of 100 dunam, on a site of 1,600 dunam that is planned as a central summer resort in the southern part of Haifa. It has also signed a contract for a commercial center on an area of 30 dunam, with a built-up area of 10,000 square meters and parking space for 400 cars.

On the same site a drive-in cinema will also be constructed on a plot of 25 dunam and will contain 660 marked parking places, services and a restaurant. One of the projects promoted by the corporation is the President's Promenade in "Gan Ha'em" park. This promenade will be 160—180 meters long, varying from 5 meters to 16 meters in width, at the same time preserving the natural flora of the area. The promenade will be illuminated and paved in a high-quality decorative manner. Beneath the promenade there will be place for coffee-houses, a restaurant, an art gallery, tourist services, etc. The corporation has also initiated a center for car services in an industrial area, to include 85 garages, a plot for the sale of used cars, spare-part shops, and other services. The corporation is the promoter of a center for science-based industries on the southern outskirts of the town, on an area of 150 dunam, com-

prising high-standard industrial premises on a built-up area of 28,000 square meters. The buildings accommodate the works of Elbit, Elscint, Intel Israel, and Colsso, employing a total of about 2,500 people. In July 1977 an agreement was signed with a group of foreign investors for the construction of a building over an area of 4,000 square meters, involving a total investment of IL. 17 million. This building is to be completed by the end of 1978. The corporation is planning to promote the development of this center where the demand for buildings is very high.

Due to the pressure in the overcrowded markets, the municipality is promoting the establishment of a temporary market on the Simha Golan highway, to serve the inhabitants of the neighborhood. The market will be part of a commercial center including the sale of fruit, vegetables, meat and other foodstuffs. The center is to be erected by "Ofer Brothers" with whom a contract has recently been signed.

Haifa's road network extends over 45 km, with about 630 km of sidewalks. The asphalted area is over 3.5 million square meters. The development of roads is a permanent process, requiring an annual investment of IL. 30 million. Big projects carried out recently are: the extension of Kikar Horev and Derekh Hankin; paving an access to the Oceanographical Institute; the enlargement of an access to the new Carmel Hospital in Ahuza; Haviva Rajk Street in Ramot Remez; roads in Kiryat Sprinzak and Kiryat Eliezer; and a sidewalk and promenade along Yefe Nof Street.

Over IL. 20 million has recently been invested in the improvement of streetlights, in the replacement of bulbs and the construction of new electric standards. New traffic lights have been installed in a number of streets.
Haifa has introduced a system of parking tickets, and parking places have been added in many streets and in various parking centers.

Another feature to be emphasized is the Carmelit underground railway — the only one in Israel — which has been operating in Haifa for 18 years, carrying 20,000 persons daily from downtown up to Mount Carmel (in both directions) within 7 minutes.

Haifa port is facing extensive development works, mainly the construction of a central containers' terminal. This project, involving an investment of hundreds of millions of Israel pounds, is in an advanced stage of planning. For this purpose over 300 dunam are to be drained in the area between the main port and Kishon port. The main pier is to be extended by another 600 meters. Kishon port is being adapted for the berthing of larger vessels. Lately, the port authorities have acquired sophisticated equipment such as a second bridge-crane for the handling of containers, as well as seven cranes with a capacity of up to 45 tons. The quick transition into the era of containers involves a decline in the number of employees in the port which today employs 2,000 compared with 3,000 seven years ago. The construction of a modern passenger terminal is approaching completion in Haifa port. It will improve the handling of tourists and will provide better, efficient services to people who come to us by sea.

Haifa's airport was reopened in 1970 for flights inside Israel. It provides local officials and businessmen with better communications with government offices in the capital and opens new horizons for the development of tourism. The airstrip has been extended from 900 to 1,350 meters which allows the landing of bigger passenger planes such as the Herald. A terminal supplies necessary services to passengers. The municipality is aware of the changes planned by the "Arkia" airline and does its best to accommodate the city of Haifa in the map of internal flights, and later — on international aviation.

A special unit for ecological problems has started to locate centers of contamination, and their exact quantities and sources, by means of ten checking stations; four of these are autonomic and their findings are transferred to a computer. The unit deals with all problems connected with contamination — in the air, in the sea, and on land. Haifa's water supply of about 20 million cubic meters per annum comes from local wells and from the Mekorot water system. The municipal health department has recently introduced garbage collection in containers, gradually increasing their volume from 270 to 400 liters. A special street-cleaning car has been designed by health department personnel to fight mosquitoes and pests. In spite of the considerable growth in population and new suburbs, no employees have been taken on at the health department, services having been improved by the introduction of modern, efficient equipment.

The sewage network covers 470,000 meters of pipes, and the canalization system adds up to 86,000 meters. The regional purifying plant consumes over 19 million cubic meters — 53,000 cubic meters daily. The plant has been enlarged by an investment of IL. 50 million up to a yearly capacity of 26 million cubic meters, and will reach 71,000 cubic meters daily by 1985.

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 53 years old, Herzlia was founded by the Am. Kehillat Zion Society, and its present population of approximately 60,000 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. An important source of income is the hotel and tourist industry which flourishes all the year round, with the beach serviced by municipal life-savers.

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.

A new Master plan for the city's development up to the year 2000 has been adopted. In Jan. 1974 the 10th City Council was elected with the unanimous reelection of Nevo as Mayor.

Since 1969, under the Mayoralty of Yosef Nevo, Herzliya has changed its face completely. Being almost the only reservoir of building land near the metropolitan area of Tel Aviv Jaffa it was stimulated into rapid urban growth. Planned Urban development has continued steadily. The new population consist mainly of middle and high income groups. Some new neighborhoods such as Herzliya Hatzaira (Young Herzliya) are unique.

New Construction 1970—1977

Kindergartens, 67; Classrooms, 179; Youth Clubs, 3; Shelters, 20; Roads, 44.200m; Sidewalks, 32.200 m.; Storm Sewage, 70.600 m.; Sewage, 43.000 m.

Special Projects :

Dwellings for Young Couples: In addition to the Governmental projects for young couples, Herzliya has built its own special projects for young couples of Herzliya who did not qualify for a home through the national programs. During the last seven years, more than 100 units have been completed.

Sewage Treatment Plant: To solve the problem of the growing population and to prevent the sewage running into the sea, a new plant has been constructed in Herzliya. The plant, which is the most modern in the country, purifies the water for irrigation. It is then exploited by neighboring Kibbutzim for industrial crops.

The present City Council of 17 members, is comprised of 8 members of the Labour Parties (Ma'arach), 1 Independent Liberal, 2 National Religious (Mafdal) who together constitute the municipal coalition. The opposition is comprised of 5 members of the Likud parties and one of the Democratic Movement for Change (Dash).

Herzlia, Sokolov St., Tel. 98 26 92.

GIVATAYIM IN 1978

Givatayim was proclaimed as a Local Council in 1942, and as a city in 1959.
Area of jurisdiction: 3,250 dunam.
Unoccupied area : approx. 300 dunam.
Number of inhabitants : approx. 50,000.
Housing in Givatayim: approx. 2,700 houses, approx. 18,500 flats.
Industrial and business enterprises: approx. 1,200 enterprises and shops.
Engineering and development : 44.5 kms constructed roads ; 73.5 kms paved sidewalks ; 5.3 kms unpaved roads ; 5.5 kms unpaved sidewalks.
Green patches and beauty spots: 166 dunam public meadows; 34,886 shrubs and green plants; 5,641 planted trees of various kinds; 529 benches in public parks and public institutions; 364 ornamental flower-pots in various parts of the city; 178 children's games in public parks; 26 public parks and meadows; 2 waterpools in public parks.
Water : 3.7 million cub. meter water — the annual water consumption of Givatayim; 7 water-pumps; 6 local underground water wells; 50 kms installed water-pipes system; 20,000 hydrometers installed.
Light : 1,100 electric bulbs of various kinds throughout the city.

Educational and cultural institutions : 57 kindergartens, 3 daily children's homes (accommodating a total of 1,812 children), 1 children's home of AKIM (1 daily home in construction), 10 elementary schools (total: 6,336 pupils), 2 colleges, 3 vocational schools, handicraft seminary (total: 3,362 students), municipal conservatory with about 600 students, open university with about 500 students; **a total of 373 classes with a total of 12,610 students in the educational network.** Evening courses, 13 voluntary clubs and organizations: Bnai Brith, Bnoth Brith, Lyons, Rotary, Akim, Anti-Cancer Association, Ilan, Micha, the Council for the Prevention of Accidents, Soldiers Welfare Committee, Citizens Guard, Passah, Melah, 6 municipal libraries (136,966 books, 37,500 registered readers), 1 musical library, 1 Biblical library, groups for adults, pensioners clubs, in Beit Rishonim, Beit-Ha'am, Pensioners Association at 113 Katzenelson Street, Beit Pupik at 103 Katzenelson St., Planetarium.
Religion : — 30 synagogues, 2 ritual bathhouses (Mikveh), 1 Talmud and Poskim School, House of Studies for adults, 1 religious state school, 4 religious state kindergartens, Rabbinate and Religious Council.
Youth: — 8 Students Houses (2,800 pupils), 9 schools with long study day (850 children), 19 youth clubs with 40 different groups, summer resorts (about 850 visitors, 6-14 years old) Central Youth House, 3,500 youngsters in various youth movements.
Sports : — Football stadium, basket-ball stadium, swimming-pool.
Public institutions: Yad Lebanim Memorial Center, Beit Rishonim, Beit Ha'am, Beit Sharett, Paedagogical Center, Hall of Wolhynian Jewry, Nave Horim Parents Home, parents homes in Metzulot Yam Street for about 500 old-aged (in construction).
Health: — 5 clinics (3 clinics of the Histadrut Sick Fund, 1 of the National Sick Fund, 1 "Maccabi" Sick Fund), anti-tuberculosis clinic, Alin, station for breast-cancer check-ups, recreation home for cancer patients named after Charles Clore.
Social Welfare: — About 1,500 persons registered for advice and guidance, including recipients of social allowances.
Tax collection: 98%-100% of the annual taxes imposed.
Sanitary Department: — 1 street-sweeping machine, 6 garbage collecting machines, 3 machines for the collection of branches cut away. 7,050 garbage containers and wheelbarrows for garbage collection.
Mayor : Mr. Kuba Kreismann.

Council Members : — Ahi Ezra Avraham, Gamliel Emmanuel, Hallerstein Yeshayahu, Weizmann Dani, Wildstein Zvia, Sommer Pinhas, Munk Avraham, Mika Avraham, Mishali Avigdor, Feiner Yacov, Zur Avraham, Ziporen Pessah, Keren Paz Avraham, Spiegel Sigmund.

Mr. Kuba Kreismann has held the post of Mayor of Givatayim since 1965. In 1978 he left his faction (Labor Party) and proclaimed himself as an independent faction. During his term of office as Mayor, his list obtained more votes in the municipal elections than his party received in the elections to the Knesset. In the elections held in 1973, the list headed by K. Kreismann obtained 17% more votes than his party got

in the Knesset election and so, like Mayor Teddy Kollek of Jerusalem, Kuba Kreismann created also in Givatayim a gap between the support received by the mayor of the city and the votes gathered by the Alignment (Labor Party-Mapam).

In 1973 Mr. Kreismann received from the Minister of the Interior, Dr. Josef Burg, a first prize for "service to the citizen". The prize was awarded to him "for a number of praiseworthy initiatives and activities deserving special appreciation:

a) initiative for the opening of a direct bus line to Jerusalem ;
b) opening of shops till 9 o'clock in the evening;
c) making Givatayim a model city of safety;
d) special initiative in the field of education.

Every effort by itself is praiseworthy, and all together entitle Mr. Kreismann and his municipality to a prize, clearly and prominently" — says the official announcement.

The municipality also received in 1971 the Kaplan Prize awarded by former Minister of Labor Josef Almogi for "raising the sanitary standards within the jurisdiction of the municipality of Givatayim and for improving means and methods to keep the city clean".

Mr. Kreismann is head of the local committee for security in times of emergency.

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 meters.

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., were discovered locally. Signs of life and ancient culture from the Hashmonean and Roman periods were also unearthed.

A village numbering 6,500 souls in 1948, when the State was founded, became a city of 135,000 in 1977 and is planned to expand to a population of a quarter of a million. On the industrial site of 2,200 dunams, adjacent to the city, are concentrated many factories and workshops employing 20,000 workers, most of them Holonites. Due to the dynamic growth of the city, there is a demand to widen its industrial area.

Approx. 30,000 pupils are enrolled in Holon's educational institutions (kindergartens, public and industrial schools).

A modern 650 beds hospital with a nurses' school will be completed in 1978.

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. We are proud to state that tens of thousands of new "Olim" (immigrants) have become equal-rights citizens of our city.

The Samaritan community is numbering 250 souls. 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 industrial and garden city whose residents will be happy and proud to dwell in it.

The City Council of 21 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 Street, Holon.Tel. : 843043.

Deputy-Mayors — Mr. David Zadok, Mr. D. Homsky, Mr. S. Grofman; Mr. Rafael Manor, Town-Clerk.

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 isto beisg, to be exact in 1934, the erection, building and development of Eilat — as a port-city at the head of the Gulf 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 materialized,

the town has been built and Ben Gurion has been made Freeman of Eilat (at her 20-years anniversary festivities).

Notwithstanding a shortage of manpower, the town is developing rapidly: the port handles more than 500,000 tons of cargo, fourteen hotels are operating and eight more are under construction with further plans for the near future. They are mainly planned around the artificial lake, a project of the Eilat Foreshore Development Co. A new pipe-line has been constructed and of course the town has all the required service branches.

In the field of tourism, many services are available in addition to the beautiful blue sea with a fascinating view of corals and fish. From Eilat, tours can be made by car, autobus, bout (with or without glass-bottom) and plane. Trips can be made from a few hours up to five days, in combination land/sea/air.

Eilat, a town with a population of over 21,000, can be reached by car, Yael Daroma taxi, autobus of Egged and by planes of Arkia, making more than ten round-trips daily from Tel-Aviv and Jerusalem. Ships link Eilat with Africa, South-East-Asia, Australia and the Far East.

Eilat has a municipal area of 70,000 dunam; 14 kindergartens, 4 elementary schools, 2 secondary schools; also an open, free-for-all public library, 1 cultural center, 4 Youth Clubs. The fuel harbour has been enlarged, and the operation of the new 42" pipe line contributed to the growth of this southern pearl of Israel. A new road to Sharm El-Sheik has been completed.

The Mayor, Gad Katz, heads a council of eleven elected members, and the annual budget reaches nearly 101,000,000 IL.

Offices of the City Council: P.O.B. 14, Eilat, Tel. 059-2133.

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. In the North there is a horse-rising centre. A country-club and a marina are now in advanced stages of planning and the construction of a shoping centre is to be commenced shortly. Three separate beaches offer excellent bathing facilities and are among the finest in Israel. Here, too, are the elegant Dan 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 family with the aim of developing modern Caesarea on the site of the ancient city.

Mr. Haim Goldenberg is director of the Corporation.

Old City Caesarea, P.O.B. 44; Tel. 063-88381/2

KIRYAT-ONO LOCAL COUNCIL

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.

During the recent years, the townlet developed rapidly, reached a population of 25,000.

In all stages of development and expansion, utmost attention was paid to professional planning and to the maximal comfort of the inhabitants.

Those visiting Kiryat-Onno are impressed by the wide-spread network of roads, lightened road-signs, an abundance of parks and green space, libraries, sport-grounds of all kinds and a modern swimming-pool.

The Local Council takes much care of the cleanliness of Kiryat-'Onno and its aesthetic scenery. To promote these activities, the Council has joined the "Association for Housing Culture".

Over 1,000 children learn in 32 compulsory and pre-compulsory kindergartens; 3000 pupils study in 90 classes of the 6 elementary schools and there are 1300 students in the Intermediary Sections and High School. Kiriat Ono is one of the first places where the Ministry of Education has approved the establishment of a "pre-university campus" for students of vocational training and high schools. This modern campus is planned for a student population of 2500. The high school is to include classes for theoretical studies as well as classes for vocational training in all lines of education. Besides the study-rooms and management premises, two well-equipped halls for physical training, a convention hall and a center for youth culture and sports will be at the disposal of the students.

The present youth and sports center serves by its extensive activities over 1000 boys and girls organized in clubs that are active in the afternoon and evening hours.

In July, 1976 a new wing of the Harry Steele Community Center was dedicated. This wing includes a theatre with 500 seats and a public library.

Much attention is given to educational-social activities among adolescent youth. Amateur groups provide boys and girls with guidance in handicrafts and skills in the technical club. There are also various art circles. Sports activities of different kinds are given appropriate priority.

Study centers provide new immigrants with facilities to learn the Hebrw language and help adults to expand their education and know-how.

Special mention deserves the conservatory founded 20 years ago, where about 500 students in age groups from early childhood to high school develop their musical talents. The conservatory has organised a youth orchestra for wind instruments that is renowned for its achievements in performances all over Israel and abroad.

Members of the Local Council:

Avigdor Warsha (Mayor); Jehoshua Baum (Deputy Mayor); Emanuel Yardeni (Deputy Mayor); Zeev Baram; Harry Brand. David Ehrlich; Clary Greenwald; Eliahu Karp; Yitzhak Sela, Shalom Yefet; Shabtai Zweier.

KFAR SABA

The new Kfar Saba was established in 1903 and today is a city and the center of the settlements of the southern Sharon area. It is located in an important place on the main Tel Aviv-Haifa highway, about 20 minutes from Tel Aviv on the expressway called "Geha Road".

Its area of jurisdiction covers close to 14,500 dunam and its present population is about 35,000. According to the present rate of construction and planned construction which has already been approved — Kfar Saba will reach a population of 45,000 within the next few years.

Kfar Saba is a junction and crossroads for the residents of the West Bank and is considered a regional center in the following areas:

ADMINISTRATIVE CENTER

The city includes regional government offices, which serve the residents of the environs — Hod Hasharon, Ra'anana, and residents of the local council of the Middle Sharon area: permanent court house; income tax offices; National Insurance Institute; Magen David Adom and fire fighting services; Israel Police.

EDUCATION CENTER FOR MORE THAN 8700 STUDENTS

Other than kindergartens for children over the age of three and elementary schools, Kfar Saba has a number of institutions of secondary education, which are, actually, regional schools: Berl Katznelson High School with six curricula; ORT Vocational High School with five curricula; Moreshet Religious High School with two curricula; Technical and Engineering Training School; Three public junior high schools; a pedagogical center is available for teachers and guidance counselors for self study, acquaintance with new educational methods and borrowing of auxiliary equipment — all available for the entire region.

There are also national educational institutions in Kfar Saba:

Boarding school for 280 gifted children who learn in the two junior high schools and in the Katznelson High School, 'Onim'-pre-vocational school, 'Amana' school for religious girls, 'No'am' boarding school and junior high school for religious children; 'Alunim' boarding school for elementary school children; a chain of nine youth centers and student houses for extra curricular activities. In the center of the city, an educational and cultural center named Sapir House is being finished, which will house the Sapir museum, a conservatory, ballet school and an auditorium for chamber concerts, student and youth center, physical education section , day nursery for 20 toddlers, a senior citizens clubroom, a dental clinic for students, municipal center for psychological counseling for students.

CULTURAL CENTER

Memorial Hall-Municipal Cultural Center which houses the municipal library with reading and reference rooms, pedagogical center for teachers and guidance counselors, Remembrance Room for the fallen of the Israel Defense Forces, a Founding Fathers Hall, and a modern concert and theater hall with 808 seats equipped with modern lighting and stage equipment and extraordinary acoustics.

Reizl Youth Cultural Center provides cultural activities through clubs and courses, lectures and various cultural performances; Students and Soldiers House is a quiet corner where students and soldiers coming home for the weekend or for holidays can find culture and entertainment presented in a manner acceptable to their group, preserving high cultural standards.

SPORTS CENTER

Modern aluminium swimming pools, sports fields and tennis courts, basketball and volleyball, two modern banquet halls, shooting range, archery club and Gadna air club, in addition to sports activities of the sports organizations and movie houses — these have turned Kfar Saba into a sports and entertainment center.

A municipal sports stadium is presently being built in the eastern part of the city (behind the Gadna range).

INDUSTRIAL CENTER

Close to 4000 households are supported by local industry, which is constantly growing. Among the larger factories in Kfar Saba are 'Solpak', 'Magam', 'Gibor', 'Albar', 'Yarlona'. 'Ikapharm', which produces pharmaceuticals, has just completed construction of a factory here which employ 350 workers, among them 50 academicians. The existing industries can absorb hundreds of addition-

al employees.

HEALTH CENTER

Meir General Hospital presently has 500 beds, to which 300 more will soon be added A hospital with 800 beds will become a regional medical center, which will be named for the late Pinchas Sapir. A nursing school with 100 students; maternity hospital with 120 beds — all of these serve the entire area.

PROGRAM FOR THE FUTURE — MASTER PLAN

The master plan, approved in 1970, takes into account an area with a population of 100,000 people. A special civic center in the center of the city is planned for an area of 100 dunam. This will include about 20,000 housing units, and among other things, a modern municipal plaza which will be connected to the Memorial Hall-Municipal Cultural Center, which is at the corner of Jerusalem and Weizmann Streets. In the future, a new city hall and other public institutions will also be built in this center, a municipal park of 150 dunams will be built, which will connect the center with the center of town. This entire area is called Kiryat Sapir.

The planting of the Kfar Saba forest on 800 dunams has begun near Kibbutz Tzur Natan, and this will eventually become a part of the municipal park.

LOD

Lod is one of the oldest towns in the country; 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 more than 40,000. There are 67 kindergartens and 17 elementary schools with 9,000 children, among them 2 Arab schools, with 1000 children, a center for vocational training, 2 "ORT-Israel vocational schools for boys and for girls with 750 pupuils. 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 30,000 volumes, and thousands of readers. This Library has been set-up on the initiative of the London Rothschild family, throygh "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 rized "Ambulant Library" van. Lod boasts 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 designed 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 Aircrafts Industries.

The City Council is headed by Mr. Moshe Efrat, advocate.

Offices of the City Council: Lod; Tel. 962481.

MUNICIPALITY OF PETAH TIKVA — "MOTHER OF SETTLEMENTS IN ISRAEL"

History of the City

Source of name — Acc. to Hoshea B': "...and I gave her her vineyards from there and the Achor valley to the Gate of Hope ("Gate of Hope — Petah Tikva").

Petah Tikva was founded in 1878 by religious jews from Jerusalem. The strength of her settlers, who suffered from Arab robbers, fever and diseases, is one of the most proud chapters of the history of settlement. With the help of the Baron Rothschild, the settlement grew and strengthened. In its first years, with the growth of immigration to Israel it changed from an agricultural center into an urban one, combining various industries, modern neighbourhoods and green spaces. In 1937 it became a city.

This year Petah Tikva will celebrate its 100 anniversary as a national holiday, together with the Government and the Zionist Organization.

Services to Citizens:

Education: The Municipality has 35 elementary schools, of which 6 have long-teaching day, four midway units, 10 high-schools of them 5 regulars (1 religious, 1 evening school) and 5 professional ones, & a teachers' seminar, as well as 3 Yeshivot and 2 agricultural schools. 15 Pupil Houses 9 youth houses, 4 clubs (belonging also to the Working Youth), 175 kindergardens



The begining: The first bakery of Petah Tikva



Center of Petah-Tikva — today

and 70 private ones, a pedagogic center and study rooms for students and adults, 4 study rooms for pupils and youth, 6 day institutions for children.

Culture : A museum of the human body, the Biological Museum, a Conservatorium, the central Youth Orchestra, the Beit Neta archives of the history of settlement, 36 Ulpans of Hebrew, as well as hobby circles and evening classes for adults. 15 libraries containing about 175,000 Hebrew books, besides the foreign ones. A zoo on an area of 10 dunams which attracts many visitors. Public Committees for living culture. The "Yad Lebanim" house — the biggest in the country (4 museums and study rooms).

Surroundings: The city's area includes 38,000 dunams, while the living area is on 19,000 dunams. In the city there are 28 public gardens, 5 woods, 14 green lines in the neighbourhoods, 10 gardens in public institutions and a planting house. There are also 55 playgrounds for children. Among the residential neighbourhoods there spread about 630 streets strictly taken care of There also exists a big park, on 1200 dunams, near the sources of the Yarkon river. In the city there are 4 hospitals, of the biggest in Israel.

The city's population counts today some 120,000 citizens and the annual growth is 5000. Near 1990 the population will reach 200,000. The city has a high standard of manpower relatively to population elsewhere. The young population in the city — till 35 — is 72% of total population. This results also in a birth percentage which is higher than the one of the general population.

In the central districts plan Petah Tikva is described as an industrialized city. Already now it is second after Tel Aviv, having a considerable potential to growth and industrial development in the future. The Municipality has a unit which supervises the air rights serving the industrial enterprises.

THE MUNICIPALITY OF RAMAT-GAN

IN THE 30TH YEAR
OF THE STATE OF ISRAEL

In 1977/78 — the 30th year of Israel's independence, Ramat-Gan, the fourth biggest city in the country, continued its development. At the same time Ramat-Gan kept its characteristics as a garden-city and the municipality did its best to improve the quality of environment and the quality of life within its jurisdiction.

Ramat-Gan is one of Israel's cultural-scientific centers where the Bar-Ilan University, three colleges and numerous institutes of science and culture are situated. The city has become a world center of the diamond industry and heavy industries that have turned into an ecological nuisance, are rapidly replaced by light, clean industrial plants.

The diamond industry and other light industries safeguard a sound economic basis while ensuring an adequate quality of life.

"We are aware of the problems of the city and its inhabitants and are ready to listen to every suggestion that guarantees a good life in our beautiful city" — says Mayor Dr. Israel Peled in a communique published by the municipality toward Israel's 30th Independence Year.

Ramat-Gan in figures in 1978

Inhabitants:	150,000;
Area of jurisdiction:	12,214 dunam;
Ordinary budget:	525,000.000 IL;
Development budget:	100,000.000 IL;
Houses:	7,450;
Flats:	44,177;
Rooms:	132,000;
Business premises:	4,000;
Industries — area:	200,000 sq. meters;
Kindergartens:	122 classes; 3,840 children;
Elementary schools:	34 schools, 550 classes, 15,500 students;
Colleges:	3 schools, 70 classes. 2,335 students;
Vocational schools:	4 schools, 66 classes, 2,000 students;
Parks and green patches:	3,850 dunam;
Playgrounds:	50;
Roads — lenght:	157 kilometers, 1,278 dunam area;
Mother and Child Care Centers:	9;
Libraries:	11;

REHOVOT TOWN OF CITRUS AND SCIENCE

Founded in 1890 by the "Menucha & Nachala" 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 site every year.

Municipal area: 22,800 dunam; Length of paved roads: 105 Km.; Population: 53,000; Length of canalization 90 Km.; Area of

citrus plantations: 12,000 dunam; Lamps: 5,000; Public parks and groves: 126 dunam.

Scientific institutions: The Agricultural Institute of Science. The Agricultural Faculty of the Hebrew University & The Volcani Institute of Agricultural Research.

Hospitals: "Kaplan" regional hospital, 1 Maternity Hospital.

"Yad Lebanim" House: in memory of his 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, Hidronautics-Israel, Electro-Optical Industries in Israel, Technological Science.

Mayor: **Shmuel Rechtman;**
Vice Mayor: **Eliahu Barak;**
Deputy Mayor: **Avraham Druk;**
Members of Council: Moshe Idelboim, Schlomo Berkovitz, Joseph Salitzky, Iaacov Droian, Joseph Weiss, Amnon Iakobovitz, Albert Cohen, Ioel Mendelovicy, Itzhak Feinstein, Avner Perlis, Mordechai Kaufman, Iaacov Tamari.

Address: Rehovot, P.O.B. 1111; Telephone: 054-51001.

ISRAELI WHO'S WHO PUBLICATIONS



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MIFAL HAPAYIS
THE ISRAEL LOTTERY

The impressive results of Mifal Hapayis activities since its inception 27 years ago, are well apparent in the form of educational and medical institutions standing up in the different communities all over the country. All these were established with the help of funds allocated by Mifal Hapayis. Mifal Hapayis was established in 1951, following a government decision, as a corporation possessing a public status without shares, for the purpose of helping the local authorities erect hospitals. With time, this purpose has been widened, including the building of other medical buildings, and particularly centres for the care of mother and child. For this purpose, Mifal Hapayis is granting to the local authorities sums reaching 50 to 75 percent of the expenses incurred in the erection of such constructions. For hospitals set up by the Government, and other public health institutions, Mifal Hapayis gives loans for a period of 22 years, at an annual interest of 16 percent. without linkage.

For educational purposes, loans have been given for a period of 35 years, at an annual interest of 16 percent. These easy conditions, are considered in Israel terms, similar to a grant-in-aid. Mifal Hapayis actually approves not only assistance to educational institutions, junior and high schools, but also to other educational institutions as well.

With the sums allocated for educational purposes 17,600 educational units were built, as well as 500 educational institutions, in which more than half a million pupils learn.

Also in health, the creative balance is most impressive. With the assistance of Mifal Hapayis, 600 health centres were set up.

Since its establishment, 27 years ago, Mifal Hapayis has approved investments in different projects, amounting to 2,2 billion Israeli Pounds (in real terms). In addition, Mifal Hapayis grants scholarships to limited income people, and grants for medical research and other related fields.

The financial means which are at the disposal of Mifal Hapayis come from different sources:

1) The sale of lottery tickets — At the end of March 1978, 3 billion Israeli Pounds of which a net profit of 900 million Israeli Pounds.

2) Interest and linkage difference — At the end of March 1978, 420 million Israeli Pounds.

3) The refund of loans which amounted to 225 million Israeli Pounds.

4) Banking Funds, put at the disposal of Mifal Hapayis, have permitted the purchase of schools furnishings, of buses for the transport of pupils to schools, etc. In this way, Mifal Hapayis has mobilised 600 million Israeli Pounds.

The capital of the company reaches at the end of March 1978, the sum of 1,1 billion Israeli Pounds.

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.

Chairman of the Board and Managing Director — Mr. Isaac Oren;

Deputy Managing Director —

Mr. Moshe Talmon;

Deputy Managing Director —
Mr. Elitzur Goren;

Secretary General — Mrs. J. Kenan.

3, Heftman St., Tel-Aviv, Tel. 257241.

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 deveiopment, 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 JEWISH AGENCY EXECUTIVE

CHAIRMAN AND MEMBERS OF THE EXECUTIVE :

Arye Dulzin, Chairman;

MEMBERS :

Yoram Aridor

Dr. Avraham Avihai

Rabbi Eliezer Bernstein

Eli Eyal

Rabbi Tuvia Friedman

Nessim Gaon

Rabbi Richard Hirsch

Harold Jacobs

Charlotte Jacobson

Dr. Moshe A. Jaffe

Raya Jaglom

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Dr. Yisrael Peled

Dr. Allen Pollack

Faye L. Schenk

Avraham Schenker

Rabbi Alexander Schindler

Yosef Shapiro

Kalman Sultanik

Dr. Yaacov Eliezer Tavin

Jacques Torczyner

Rabbi Ira Yudovin

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 and in 1977 in the free countries of the Diaspora, 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.

CHAIRMAN AND MEMBERS OF THE EXECUTIVE :

Arye Dulzin, Chairman;

MEMBERS :

Yoram Aridor

Dr. Avraham Avihai

Rabbi Eliezer Bernstein

Eli Eyal

Rabbi Tuvia Friedman

Nessim Gaon

Rabbi Richard Hirsch

Harold Jacobs

Charlotte Jacobson

Dr. Moshe A. Jaffe

Raya Jaglom

Avraham Katz

Rafael Kotlowitz

Moshe Krone

Arthur J. Levine

Akiva Levinsky

Andre Narboni

Dr. Yisrael Peled

Dr. Allen Pollack

Faye L. Schenk

Avraham Schenker

Rabbi Alexander Schindler

Yosef Shapiro

Kalman Sultanik

Dr. Yaacov Eliezer Tavin

Jacques Torczyner

Rabbi Ira Yudovin

THE JEWISH AGENCY SETTLEMENT DEPARTMENT

In the year 1910 the late Dr. A. Ruppin founded the Eretz-Israel office of the Zionist movement, whose task was to settle Jews in new agricultural settlements. In 1929, with the formation of the Jewish Agency, this office became the Settlement Department of the Jewish Agency and since then is in charge of the rural settlement activities in Israel, including planning, financing, developing and coaching the settlements. Up to 300 settlements were founded before the declaration of statehood, the majority by this Department. These settlements formed the basis for wide settlement movement that started during the War of Independence.

The immediate need to provide for the ever growing population and securing housing shelter and employment to the thousands new-comers who started arriving with the declaration of statehood necessitated a mass settlement activity.

In the years 1948 to 1953 about 90,000 new immigrants were settled on the soil and formed 330 new agricultural settlements. Up to the Six Days War about 500 new agricultural settlements were established. In the middle of the fifties a new stage began with the establishment of the Lachish region in the south and the Ta'anach region in the north. These two new regions which were developed according to new concepts had subsequently gained for Israel world wide acclaim. These new concepts 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.

Of the 500 settlements that were established since 1948 up to the Six Days War, 320 reached the stage of economically and socially self supporting and thus were not handled any more by the Department.

The Six Days War brought a new impetus of a new settlement wave directing into new ways of production for export and developing non-agricultural settlements, based mainly on scientific and technological industry.

On the whole, more than 100 new rural settlements were established since the Six Days War, some inside and some behind the "Green Line".

The regions that were populated after the Six Days War include the Golan Heights, Jordan Basin, Rafah Salient, North Sinai, Etzyon-Block, Arava, etc.

Two additional settlement projects are now on the agenda. The first, the southern project being planned in the Western Negev south-west of the Beer-Sheva region up to Yammit. In this region it is planned to settle in the next ten years some hundred new settlements which will stand on a special kind of agriculture: growings for export under special conditions (Hot Houses, Green Houses, etc.).

The second project is the northern one, designated to increase the population of the Galilee mountains by establishing a few scores of rural settlements. As the land is scarce they will mainly be based on scientific and technological industry.

Some of the new settlers in the two regions and other regions are new immigrants mainly from the Western countries who expressed their wish to settle in agricultural colonies.

Parallel to these activities the development of the present settlements goes on in order to accelerate their self-sufficiency as soon as possible and thus to stand on their own feet without the Department help.

The Department employs... officials and the budget for the year 1978$79 is

Department Head : Prof. Raanan Weitz ;

Director General : Dr. Shimon Ravid.

P.O.B. 92 Jerusalem, Tel. : 39261.

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) 34 absorption centers, 17 residential centers for immigrant families and 14 hostels for the elderly and young singles. Immigrants stay there for five months. During this period they are housed and receive most basic services including schooling, children's nursery, cultural activities and Hebrew instruction.

(2) In addition to these three are ulpans and kibbutz ulpans whose style of living follows the particular beliefs on which that kibbutz is founded.

The Department of Immigration and Absorption places great importance on the even dispersal of the population throughout Israel and considers this an important element of national security. With this as one of this major goals, the Department has within recent years initiated a series of group projects designed to provide combined solutions for housing, employment and social adjustment in development towns. The first groups of immigrants to arrive within this framework have settled in Migdal Ha-Emek, Nazareth, Carmiel, and Beer Sheba. The Department maintains a special representative in the Galilee who coordinates all of its activities there.

Special sections of the Department include: Counselling Center for Volunteers and Students — This office provides counselling for single youth arriving in Israel without prior plans or arrangements. For the most part these are provided with volunteer work. In 1977 the center handled 8,000 applications. Some 500 youths counselled by the center extended their stay in Israel.

Tnuat Aliyah (Aliyah Movement) — This section was established following a decision of the 27th Zionist Congress. It constitutes the ideological framework for its members throughout the world who are pledged to immigrate to Israel three years after joining the organization. Tnuat Aliyah promotes the idea of immigration among the Diaspora Jewish communities and prepares its members for immigration. This preparation includes group visits (seminars). In 1977 some 3,000 members participated in these seminars. The total number of members in 1977 was over 10,000.

Tour Va'Aleh — This office was created to assist tourists visiting Israel interested in the possibilities of settling in the country. It distributes information booklets in hotels, organizes Oneg Shabbat gatherings, conducts Aliyah Days for organized tour groups and special projects. Tour Va'Aleh has a special section for the promotion of tourism and for businessmen and independent professionals interested in opportunities in Israel. Some 27,000 tourists received information from Tour Va'Aleh within the frame-

work of its activities.

Social Services Branch — This office handles special problems among immigrants and immigrant families whose social, psychological, or health situation presented difficulties for them in their countries of origin and who are more susceptible to encounter difficulties in the process of adjusting to their new environment.

The Department prepares and furnishes information on Israel and life there, and supplies to immigrants data on their rights, possibilities for work and study and the like. There are 1,280 employees in the Department. The Department also works in close coordination with the Ministry of Absorption to facilitate the rapid social and job integration of immigrants in their new neighborhoods.

Acting Head of the Department for Immigration and Absorption: Rabbi Mordechai Kirshblum.
Director General: Uzi Narkis.

Address: P.O.B. 92, Jerusalem, Tel. : 02-39261; Tel-Aviv : 03-258211.

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. 2200 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 and has provided approx. 850 graduates, drawn from 20 countries. 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, 600 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 the 2500 teaching emissaries dispatched to the Diaspora since the Department's inception. During the current year, 240 such emissaries are at work in 25 countries. The Department has published a library of textbooks, teachers' guides, audio-visual and pedagogic aids and other publications: 110 volumes in Hebrew, 55 in other languages (including even a Jewish calendar in Amharic for Falasha Jews in Ethiopia) & issues 2 quart. bull. in Heb. & 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 & students abroad in 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 was completed in Jerusalem. The Department's Jerusalem Prize project supplied Jewish day schools all over the world with material for intensive study of the History and crucial significance of Israel's capital, exhibition kits, audio-visual and other aids. 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. (02) 39261.

THE DEPARTMENT FOR EDUCATION AND CULTURE IN THE DIASPORA (W.Z.O.)

Schools: The Department maintains contacts with about 3.000 Jewish schools in the Diaspora and contributes to their development, expansion and solidarity with the people of Israel and with the State of Israel. For the attainment of these aime, the Department cooperates with national and World Jewish Organizations.

Professional guidance: A standing Pedagogic Committee and teams of experts develop educational way and means.

Teachers: The Chaim Greenberg Teachers Seminar trains every year some 150 Jewish educators from the Diaspora. Additional teachers receive their training at Teachers Seminaries in the Diaspora which are suported by the Department. 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.

The Department enables supplementary University courses for Master-teachers. This year, for the first time, are instituted correspondent courses for teachers all over the world.

Students: About 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 periods and excursions with learning for two months. The "Brotherhood Bridge" programme creates a direct contact between the students from abroad and Israeli youth. "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 operates 1,500 courses 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 disseminates the "Jerusalem Examination" and assists in the founding and operation of 500 university chairs in Hebrew studies.

Publishing: School-books, study programmes, auxiliary material, songs, posters, plays, audio-visual material, "Gesher", "Gesher Lanoar", "Gesher-Lamishtalmim", "Huliot", "Mekorot", "Omer", "Leket", "Gilyonot Lamoreh", "Dor L'Dor", "Bet Mikra", "Alon Hamachlakah" and "Dapai Maida".

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.

Special Projects: Pedagogic libraries, Teachers' Seminaries, student dormitories, people universities, combined classes, youth institutes, subsidies to schools, organization of new schools, e.g. the new Hebrew College in Buenos-Aires, incentives for expanded enrollment, stimulation of parent groups, Jewish education information and direct action for raising the status of the Jewish Teacher in the Diaspora.

Head of the Department: Mr. **Chaim Finkelstein.** Department Director: Mr. **Michael Ravid.** Deputy Director: Mr. **Moshe Manor.**

Offices of the Department:

— in Jerusalem: King George St. 48, 45 and 31; Phone 39261.
— in New York: 515 Park Avenue, New York, N.Y. 10022; Director: Dr. Moshe Avital.
— in Gt. Britain: Rex House, 4/12 Regent St., London, S.W.1; Director: Mrs. Shoshana Eytan.

In other countries the Department is represented in the offices of the World Zionist Organization.

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.

Cca. 1,100,000 mbr. 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 1971, 5520 people from 115 countries have participated in such seminars which were conducted in 9 languages: English, French, Italian, Serbo-Croatian, Greek, Spanish, Portuguese, Turkish and Swedish.

15 Shlichim represent the Department abroad, some jointly with other Departments. They deepen the Department's work in many spheres, including activity among academic circles which is now occupying an increasingly important position in many parts of the world. The same can be said for local seminars and study-days aimed at educating cadres for Zionist work.

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 Institute for Contemporary Jewry in the Rad Film Archives. The Department's publications, towards the 29th Zionist Congress in English, French and Spanish, include "The Zionist Idea", & "Why Join?". The Department also published the summary of the discussions of the Ideological Committee. Regular publications include "Dispersion and Unity", a quarterly in Hebrew, French and Spanish, on Zionism and the Jewish world, and called "Forum" in the English version. The fortnightly English publication, "Israel Digest", now appears in an attractive new format. "Folk un Zion" is the Department's monthly Yiddish publication. The World Zionist Press Service sends out some 8 articles a month in English, and special kits on particular occasions along with photos to 500 addresses, including 150 Jewish newspapers all over the world. Much of this material is published in the Anglo-Jewish press. One of the Department's best-known publications 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.

A series of eleven kits in Hebrew provides basic material on Jewish communities around the world. The Zionist Library (in Hebrew, Hasifriah HaZionit) developed research into the History of Zionism in co-operation with academic research bodies and from 1971 to 1977 over twenty books were published or prepared for every publication.

The Department has established and is maintaining Information Centers in Australia, Venezuela, Mexico, France, Sweden, Canada, New Zealand, England and Holland. All are run in co-operation with other communal bodies, which differ from place to place.

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.

The Department helps to organize the work of the 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 AUTHORITY

The Jewish Agency Comp. Authority 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 Israel Land Development Company, Mekorot, Rassco, Yakhin-Hakal, Diyur Laoleh, Idud, Mabat, Amigur, Hameshakem, Luhot Hagalil, Binyanei Ha'ooma, Itzur Ve-Pituah.

The Authority appoints Jew. Agency representatives to the directorial boards, formulates and reviews business policies, and offers — when necessary — managerial guidance.

The Chairman of the Authority is Mr. A.L. Dulzin.

The Companies Authority reports to a sub-committee of the Jewish Agency Executive.

The Director General of the Authority is Mr. Yehoshua Lorberbaum.

Head Office: 48 King George St., P.O.B. 92, Jerusalem; Tel. 02-39261.

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 agricultural settlements and for housing 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. 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.

Jews from all over the world have been contributing towards the bolstering of the financial means of the Fund.

Chairman of the Board of Directors: Moshe Rivlin; Deputy Chairman and Director-General: Shimon Benshemesh; Mbrs. of the Board: Reuven Arazi, Simha Assaf, Matityahu Droblas, Israel Dunsky, Isaac de Vries, Mordechai Elkaim, Dr. Israel Goldstein, Shlomo Haimovitz, Isaac Harkavi, Abraham Kenaani, Edwin Kirson, Akiva Lewinsky, Natanel Matalon, Itzchak Mittleman, Bunim Shamir, Shabtai Shichman, Zeev Tsur, Moshe Unna, Shmuel Ussishkin, Dr. Yehezkel Wilkenfeld, Yeheskel Zakai. Rabbi Zemach Zambrowsky, Itzchak Ziv-Av.

Director-General : Shimon Benshemesh.

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.

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

MARTYRS FOREST
in the Judean hills, dedicated to the sacred memory of six million Jews, victims of the holocaust

GOLANI JUNCTION
between Nazareth and Tiberias

BALFOUR FOREST
on the road to Nazareth overlooking the Valley of Jezreel

JERUSALEM PEACE FOREST
overlooking the Old and New City

The cost of planting a sapling, including a Planting Certificate bearing your name and your Planter's Badge, is $ 3.00. 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)

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 Founder President of the World Jewish Congress; Mr. **Philip M. Klutznik** was elected President of the WJC in November 1977; **Lord Fisher of Camden** is Chairman of its Governing Board; Dr. **Gerhart M. Riegner,** of Geneva is General Secretary; Mr. **Itzhak Korn** is Chairman of the Israeli branch, and Dr. **Natan Lerner** is its Director.

Main Israeli Office : Tel-Aviv, 123 Yehuda Halevi St., Tel. 229139, 225525.

KEREN HAYESOD - UNITED ISRAEL APPEAL

Keren Hayesod — United Israel Appeal is the major instrument responsible for world-wide fund raising activities which meet Israel's human and social needs. In the United States these activities are conducted by the U.J.A.

The population of the Jewish communities where Keren Hayesod operates constitutes less that 1/3 of the entire free world's Jewish population. The other two-thirds is in the United States.

Keren Hayesod has had a productive and many-faceted history since its establishment in London at the First World Zionist Congress, following the Balfour Declaration.

It has played an essential role in the return of the Jewish people to their land. For two decades, Keren Hayesod was the only framework, first of the World Zionist Organization then of the Jewish Agency, which raised funds throughout the world, including the United States.

Keren Hayesod was founded to raise funds for the achievement of Zionist aims, and especially to accommodate immigration and absorption, and develop agricultural settlements. Keren Hayesod is international in scope, operating in 70 countries, some with large Jewish populations in numerous communities, and others with smaller Jewish populations, sometimes in only one location. Keren Hayesod aids the local public committees in their voluntary activities on behalf of Israel through organizational, informational and other means. The Head Office of Keren Hayesod in Jerusalem coordinates the activities of the committees in the various countries and offers them professional services. It dispatches lecturers and special emissaries to assist during the campaign season, and conducts seminars and study groups for Appeal key-workers.

Keren Hayesod encourages fact-finding study missions to Israel, which provide key-workers and contributors with an insight into Israel's humanitarian needs. Similar informational tours are conducted by the Tel Aviv office for individual contributors and key-workers who visit Israel.

Keren Hayesod provides assistance to its member committees through a professional staff of some 40 representatives who are sent overseas.

The campaign income of Keren Hayesod has increased steadily since the Six Day War. At that time income came to $ 150 million as compared to $ 15 million the year before. Since then, giving through Keren Hayesod has gone up four or five times. In the Yom Kippur War of 1973, pledges went over $ 400 million and cash income surpassed the $ 300 million mark.

Many cities and settlements in Israel have paid tribute to the activities of Keren Hayesod. Streets and public squares bear the Keren Hayesod name. Keren Hayesod takes pride in the knowledge that through its efforts, and those of committees throughout the world, Israel has been given the financial means to build a new nation.

קרן היסוד · המגבית המאוחדת לישראל

KEREN HAYESOD · UNITED ISRAEL APPEAL



הסתדרות נשי מזרחי באמריקה

רשת מוסדות חינוך בישראל

AMERICAN MIZRACHI WOMEN

Network of Educational Institutions in Israel

Head Office .. 817 Broadway, New York, N.Y. 10003. U.S.A.

Offices in Israel:

Jerusalem .. 19A Keren Hayesod St., Jerusalem. Tel. (02)232758

Tel-Aviv .. 16/18 Dov Hos St., Tel-Aviv.
Tel: (03) 220187 & 243106

American Mizrachi Women is an organization of religious American women whose aim is to build and support in Israel social and educational institutions maintained in accordance with religious traditions.

The Organization operates the following institutions:

★ Beit Zeirot Mizrachi, Jerusalem	— Vocational High School for girls.
★ Beit Zeirot Mizrachi, Tel-Aviv	— Vocational High School for girls.
★ Beit Zeirot Mizrachi, Beersheva	— Vocational High School for girls.
★ Kfar Batya, The Bessie Gotsfeld Children's Village, Raanana	— Vocational & Agricultural High School for boys and girls, boarding & external students.
★ Mosad Aliya Children's Village, Petach Tikva	— Vocational & Agricultural Boarding High School for boys & girls.
★ Haifa Community Center	— After-school clubs for youth; Golden Age club.
★ Bakka Community Center, Jerusalem	— After-school clubs for youth, and Golden Age club, in a socially deprived neighbourhood.
★ Children's Home "Meshek Yeladim Motza", Jerusalem	— Home for children aged 8-14, from broken families.
★ Beit Hayeled Tel Raanan, Jerusalem	— Home for underprivileged children, aged 3-8, from broken families.

WIZO — WOMEN'S INTERNATIONAL ZIONIST ORGANIZATION

WHO ? 250,000 women in 50 countries.
WHY ? To promote the welfare and social and civic education of the women, children and youth of Israel, including those of the minority communities; To assist the integration of immigrants into Israeli life; To strengthen cultural and spiritual links between the Diaspora and Israel and stimulate the Jewish and Zionist consciousness of all Jewish women; To encourage and promote Aliya and the study of the Hebrew language.
HOW ? Through Wizo's 650 institutions and services in Israel, including a baby home, a child centre, 180 day care centres, toddlers' homes and kindergartens for 35,000 babies and children; 11 agricultural and vocational secondary schools, a community college, 50 youth clubs for 18,000 youngsters; 193 women's centres and clubs; work with families of war victims and the deprived; home economics; home industries; legal advice bureaux; mobile libraries; immigrant absorption; provision of cultural and information material to Federations in the Diaspora.
Hon. President : **Rosa Ginossar**
World President : **Raya Jaglom**
Chairman of the Executive : **Ruth Izakson**
Officers : Dr. Genia Kanowitz, Treasurer; Shulamit Braudo, Chairman Israel Federation; Miriam Ben-Porath, Head Building, Property and Development Dept.; Ilana Ben-Ami, Head Fundraising Dept.
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Head Office : 38, Sderot David Hamelech, Tel Aviv — P.O.B. 33159 — Tel. : 257321/9

HIAS ISRAEL

Hias 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 Hias is located at 200 Park Avenue South, New York, with branch offices throughout the world.

Activities of Hias Israel, include :

Assistance to new immigrants and assistance to transmigrants.

Tracing relatives all over the world.

The World President of the Hias is Mr. Carl Glick; Executive Vice President, Mr. Gaynor I. Jacobson; Chairman in Israel of Hias is Mr. Mordechai Surkis, and Director, Mr. Haim Halachmi.

The Head Office of Hias Israel, is located at Kaplan 12, Tel-Aviv, P.O.B. 7152; Tel. 258461.

THE HEBREW UNIVERSITY OF JERUSALEM

The Hebrew University of Jerusalem opened its doors in 1925. From a nucleus of three research institutes on Mount Scopus in 1925, it has spread to four campuses and is today the world's largest Jewish institution of higher learning.

Its faculty of 2,200 teaches 13,500 students — of whom over 4,000 are graduate students, including 1,500 doctoral candidates. Some 3,000 of its students come from overseas. Most of Israel's younger universities began as branches of the Hebrew University, later growing to independence, and are largely staffed by its graduates.

By the summer of 1977 the University had awarded a total of 41,529 degrees: 27,023 Bachelors, 10,038 Masters, 2,342 Ph.D. S., 1,723 M.D.s., 363 D.M.D.s. (dentistry) & 40 doctor of Laws degrees.

There are currently over 2,500 research projects underway at the Hebrew University — more than half of all the scientific research projects in Israel.

An international Board of Governors is the supreme governing body of the University. It elects the President and Vice Presidents and exercises ultimate control over policy. The Senate, the supreme academic body, elects the Rector, academic head of the University. The four campuses:

Mount Scopus (tel. 02-882111). Original home of the University, to which it returned in 1967 after a 19-year exile, is being rebuilt and now houses: Faculty of Law, School of Education, School for Overseas Students, Truman Research Institute, Buber Center for Adult Education, Saltiel Center for Pre-Academic Studies, Institute for Advanced Studies, Authority for Research & Development, Institute of Archaeology. First Year Science Studies, and dormitories for 3,000 students in Kiryat Maiersdorf and Kiryat Bronfman.

Givat Ram (tel. 02-30211). Built in the 1950's when the University was homeless and today housing: The Jewish National and University Library, the Faculties of Humanities, Social Sciences, and Science, Paul Baerwald School of Social Work, Gradute School of Library and Archive Studies, Graduate School of Press, and dormitories for 2,500 students in Kiryat Swig.

Ein Karem (tel. 02-428111), where in the Hadassah Hebrew University Medical Center are situated the Faculty of Medicine, the Faculty of Dental Medicine, the School of Pharmacy & the School of Nursing.

Rehovot (tel. 03-951751) on the coastal plain, housing the Faculty of Agriculture (the only one in Israel) which comprises the Levi Eshkol School of Agriculture and the School of Nutritional & Domestic Sciences.

Officers: Honorary President: Prof. Ephraim Katzir; Chairman of the Board of Governors: Mr. Samuel Rothberg; President: Mr. Avraham Harman; Vice Presidents: Mr. Bernard Cherrick; Prof. Nathan Goldblum; Prof. Alexander Keynan & Prof. Michael Schlesinger; Rector: Prof. Gidon Czapski; Pro-Rector: Prof. Michael Rabin; Director General: Mr. Mordechai Meron; Academic Secretary: Mr. Shlomo Birnbaum; Dean of Students: Prof. Alexandra Poljakoff-Mayber; Director of Jewish National & University Library: Prof. Reuven Yaron.

Deans of Faculties: Agriculture: Yehudit Birk; Dental Medicine: Prof. Isaac Ginsburg; Humanities: Prof. Shemaryahu Talmon; Law: Prof. Itzhak Zamir; Medicine: Prof. Shaul Feldman; Science: Prof. Avner Treinin; Social Sciences: Prof. Haim Barkai.

Directors of Schools: School of Education: Prof. Shlomo Fox; Baerwald School of Social Work: Prof. Jona Rosenfeld; School of Pharmacy: Mr. Avraham Kreiser; School of Overseas Students: Prof. Mordekhai Abir; School of Nutritional & Domestic Sciences: Dr. Naomi Trestler; Graduate School of Applied Science and Technology: Prof. Dov Frohman-Bentchkowsky; Graduate Library School: Dr. Jacob Rothschild; School of Business Administration: Dr. Jonathan Kornbluth.

Research Institutes and Centers:

Leonard Davis Institute for International Relations; Levi Eshkol Institute for Economic, Social and Political Research; Soviet and East European Research Center; Franz Suchan Center for European Studies; Pinhas Lavon Labor History Research Institute; Work and Welfare Research Institute; Center for Human Development; Scheinfeld Center for Human Genetics in the Social Sciences; Israel Matz Institute for Research in Jewish Law; Harry Sacher Institute for Legislative Research and Comparative Law; Institute of Criminology; Racah Institute of Physics; Institute of Chemistry; Institute of Mathematics; Silberman Institute of Life Sciences; Institute of Earth Sciences; Center for Research in Mathematical Economics and Game Theory; Center for Research on Energy; Center for the Study and Management of the Environment; Swiss Friends' Center for Groundwater Research; Casali Institute of Applied Chemistry; De Shalit Science Teaching Center; Szold Institute of Applied Science; Marine Sciences Center; Laser Research Center; Integrated Pest Control Research Center; Soil Physics Research Center; Drug Research Center; NCJW Research Institute for Innovation in Education; Samuel Mendel Melton Center for Jewish Education in the Diaspora; Harry S Truman Research Institute; Institute of Jewish Studies; Institute of Asian and African Studies; Institute of Contemporary Jewry; Institute of Languages, Literature and Art; Institute of Philosophy and History; Institute of Archaeology; Wolfson Center for Talmudic Studies; Folklore Research Center; Jewish Music Research Center; Slavic Languages and Literatures Research Center; Center for Research and Documentation of East European Jewry; Ben-Zion Dinur Institute for Research on the History of the Jewish People; Institute for Research on Dutch Jewry; Center for Research on Rumanian Jewry; Center for the Study of the History of Eretz Yisrael and the Yishuv; Ben-Zvi Institute for the Study of Jewish Communities in the Middle East; Misgav Yerushalayim — Institute for Study and Research on the Sephardi and Oriental Jewish Heritage; S.H. Bergman Center for Philosophical Studies; Jerusalem Research Institute.

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.

Israel's current President, Professor Ephraim Katzir, was also a Weizmann Institute scientist until his election in 1973.

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 structural 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 22 units 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 and which organizes science summer camps for young people from Israel and abroad, a science fair, a mathematics olympiad and science clubs.

The Institute grants M.Sc. and Ph.D. degrees in its fields of activity to students from Israel and many foreign countries. Teaching is within the framework of the Feinberg Graduate School, which was formally established in 1958 and chartered by the Board of Regents of the State of New York in 1967. Some 500 students are enrolled at the Graduate School, where the language of instruction is English.

The present scientific complement of the Weizmann Institute consists of 1,500 people — scientists, engineers, technicians, and scientists-in-training at the Feinberg Graduate School. Serving all these is an administrative & service staff of 650. Thus the total work-

ing population of the Instit. in 1978 is some 2,150. The Weizmann Instit. also plays host to some 100 long-term visiting scientists from abroad each year. The international character of the Institute is further reflected in the fact that it serves as a venue for numerous international conferences.

Important auxiliary facilities on campus include an animal breeding center, a computer center, particle accelerators, a network of Institute libraries, headed by the Edith and Abraham Wix Central Library, which contain some 134,500 books and bound periodicals. The most important facility outsidet the campus is the Institute's Bloch Geophysical Observatory, near the Read Sea port of Eilat.

Major Research Activities

Much of the research described below is carried out with the active participation of graduate students, many of the projects serving as the subjects for doctoral theses.

Biology

Biological research at the Institute aims at an undetrstanding of the processes of life, and of malfunctions in these processes. Much effort is devoted to the study of cancer, both natural and artificially induced by chemicals, radiation and viruses, and of the ways by which malignant growths may be limited or stopped. A long list of other diseases is under investigation, and therapies or diagnostic tests for many of them have been developed in Institute laboratories.

Chemistry

Institute chemists concern themselves with projects ranging from photochemistry to the chemistry of natural products and the structure of solids and crystals. They are engaged in the development of new techniques which include the use of immobilized reagents for chemical synthesis and reactions in the solid state. The structure of molecules is studied by physical techniques, including X-ray crystallography, NMR, ESR and mass spectrometry. Institute scientists also deal with giant molecules, such as those forming natural synthetic membranes, some of which can separate salts from water. Research in polymers has led to the development of new concepts explaining how muscles contract. It has also resulted in the synthesis of new plastic materials now being produced on an industrial basis in Israel and elsewhere.

Physics and Electronics

Weizmann Institute physicists, who carry out both theoretical and experimental work, have already made substantial contributions to the understanding of the structure of atomic nuclei and of elementary particles. In their studies of nuclei they use the Institute's particle accelerators (its 12-store-high, 14-million-volt Pelletron accelerator as well as a lower energy EN tandem unit).

Other groups are using special analylsing instruments, some designed and built at the Institute, to obtain information about the nature of elementary particless.

Mathematics

Research in mathematics covers a wide range of subjects, from exploration of the internal constitution of the earth, including research on the origin and nature of earthquakes, to work connected with electronic computers. Institute mathematicians were instrumental in introducing the first computers in Israel, and in training the country's first computer experts. Using computers, some of which were built at the Institute, the mathematicians concern themselves with such subjects as the study of ocean tides, operations research, theoretical seismology and how fluids flew through pipes and move around obstacles. Institute mathematicians have also moved into such areas of interdisciplinary interest as population biology, which involves genetics, demography, epidemiology and ecology.

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). The President is also aided by a Presidential Advisory Committee and a 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.

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:

FACULTIES, SCHOOLS AND INSTITUTES

- **Faculty of Jewish Studies**
  - Bible
  - Talmud
  - Jewish History
  - General History
  - General Jewish Studies
  - Hebrew and Semitic Languages
  - Hebrew Literature
  - Land-of-Israel Studies
  - Centre of Basic Jewish Studies
- **Faculty of Humanities**
  - Philosophy
  - Jewish Philosophy
  - Comparative Literature
  - Yiddish Studies and Ladino
  - Arabic and Islamic Culture
  - English
  - French Civilization
  - Classical Studies
  - Languages (German, Russian, Italian, Spanish)
  - Musicology
  - Bibliography and Librarianship
  - Translation and Interpretation
  - Physical Training
- **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
  - Chemistry
  - Physics
  - Mathematics and Computer Sciences
- **The Yaacov Herzog Faculty of Law**

BRANCHES

Ashkelon, Safed, Zemach (Jordan Valley)

INSTITUTES IN RAMAT GAN AND OLD CITY OF JERUSALEM

- Institute for Advanced Torah Studies
- Institute of Local Government
- Institute for Biblography in Jewish Philosophy and Chassidism
- Insttute for Research in the History of the Jews in the East
- Rivlin Institute for Research in the History of the Yishuv
- Institute 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 Groups
- Research Centre for Lexicography
- Institute for Data Retrieval
- Institute for Comparative Criminal Law
- Institute for research in the Development of Latin America and Other Countries
- Institute for the History of Jewish Bible Study
- Consultation Centre for Personnel and Manpower Problems

In recent years the University has developed its Institute for Advanced Torah Studies at which students can study Talmud according to the traditional method in the mornings and continue their regular university studies in the afternoons.

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. Enrollment of students in 1976/1977 reached

more than 7,000, including 800 from abroad. The University's library contains some 260,000 bibliographical items (in 250,000 volumes) and receives 3500 current periodicals.
The University Campus: Ramat Gan.
Tel. 718111.

"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 to seat over 1000 people.
★ Central Religious Archives.
★ Exhibitions, etc.
★ The Office of 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.



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.
Rabbinic graduates of Yeshivat Hakotel are already serving in spiritual and educational posts in Israel and in the Diaspora. The rich academic and Israel atmosphere which they have acquired at the school enables them to lead and educate towards the positive attributes of our faith and of our homeland.
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, 234246.

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.

5.500 students are enrolled in the Faculties of Humanities & Soc. Sci. & Mathematics, the Schools of Educat. & Soc. Work, among whom are 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 24 departments of study, 14 departments also offer graduate studies leading to Master of Arts degree. Seven research institutes are in the University: The Institute for Research on Arab Education and its Development; the Center for Education Administration; The Curriculum Division; The Center for Documentation and Research on Eastern and Central Europe; The Arab-Jewish Center, the Center for Maritime Studies and The Institute of Evolution.

The teaching staff consists of 356 members, most of whom are residents of the city of Haifa, and many of whom are newcomers.

The rapidly growing library which is situated in a specially designed modernistic unit includes, in addition to 450,000 volumes, a computer centre, and other information retrieval systems.

Chairman of the Board of Governors: Mr. Nathan S. Ancell. President: Mr. Gershon Avner. Vice-President: Dr. Aryeh Nesher. Rector: Prof. Shlomo Breznitz. Deputy Rector: Prof. Moshe Rinott. Chairman of the Executive Committee: Mr. Akiva Levinsky. Dean of Social Sciences and Mathematics: Prof. Rafael Artzi. Dean of Humanities: Prof. Arye Grabois. Director of the School of Education: Prof. Ozer Schild. Director of the School of Social Work: Dr. Shlomo Sharlin. Director General: Mr. Netanel Schechter. Academic Secretary: Mrs. Bella Toucatly. Director of the Library: Dr. Shmuel Sever.

Mount Carmel, Haifa; Tel. 04-240111.

HEBREW UNION COLLEGE — JEWISH INSTITUTE OF RELIGION

The Hebrew Union College — Jewish Institute of Religion, 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 central 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 Dan attract a large number of foreign volunteers during the summer digging season.

b) Publication of Archaeological data on excavations at Tel Gezer.

2. The School of Jewish Studies is on the Jerusalem campus.

a) The Year-In-Israel program is required of all first-year rabbinic and Jewish education students enrolled in U.S. campuses. Intensive instruction in Hebrew is offered, as well as courses in Bible, Jewish Literature, Liturgy, Near Eastern History and Archaeology.

Third and fourth year students may choose an additional year of study in Israel.

b) College Academic Year (CAY), sponsored by the 'National Federation of Temple Youth and administered by the Jerusalem School, offers a year in Israel for college credits, combining an intensive experience in kibbutz living with courses n Hebrew, 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 School as an Educational Center for Progressive Judaism in cooperation with the World Union for Progressive Judaism and the Union of American Hebrew Congregation.

Prof. Alfred Gottschalk, President, HUC-JIR

Prof. Ezra Spicehandler, Dean, Jerusalem School

Prof. Avraham Biran, Director, Nelson Glueck School of Biblical Archaeology.

13 King David St., Jerusalem. Tel. 02-232444.

THE JERUSALEM COLLEGE OF TECHNOLOGY

Jerusalem College of Technology offers a combined program of scientific and religious studies to meet the needs of modern technological industry and educate Jews steeped in, and dedicated to their heritage.

The College helps prepare young Israelis who have completed their army service, and students from the world over with a religious background, to enter the complex world of modern technology.

It is hoped that the graduate, technologically proficient, and secure in his Jewish heritage, will contribute through his personal example, towards bridging the gap between the religious and secular sectors of Jewish society.

The College accredited by the Council for Higher Education, offers courses towards two degrees — Assoc. Eng., and, in conjunction with Bar Ilan University, a degree of B.Sc. in Applied Science.

The present student body is drawn from all over the world. Entrance requirements are a recognized high school matriculation and a personal interview.

The college's permanent campus is situated on a 40' dunam site in the Givat Mordechai suburb of Jerusalem. It is anticipated that the college will eventually have a student body of 400—500.

At present programs are offered in Computer Science, Electro-Optics, Physics and Electronics, & there is an optional program leading to high school teacher certification. Courses are planned in accountancy, metallurgy and material sciences, and industrial management.

The college is directed by its Rector Professor W. Z. Low, a recipient of the Israel Prize in Exact Science, as well as international awards. Prof. Low is Chairman of the Micro-wave Laboratory of the Department of Physics of the Hebrew University. The college has an international advisory board of outstanding scientists and lay leaders, and a staff of acknowledged leaders in their fields.

21 Havaad Haleumi, Jerusalem.
P.O.B. 16031. Tel. 02-423131.

THE SHENKAR COLLEGE OF FASHION AND TEXTILE TECHNOLOGY RAMAT-GAN

The Shenkar College of Fashion & Textile Technology was founded in 1970, on the initiative of the 1968 Jerusalem Economic Conference. The College serves to fill the vital need for trained manpower for the growing Textile & Apparel industries of Israel and to give assistance and guidance to these industries and to provide services for them.

The Functions of the College are to educate and train professional personnel in the fields of Technology, Design and Management for the Textile and Clothing Industries. In addition, the College gives assistance and leadership to these industries in the fields of plant organization, workers' training and retraining, practical research and development, industrial surveys, provides consultancy and lab testing services and so on.

The College is Sponsored and supported by

the Industry, and by the Government Ministries of Education, Commerce & Industry, Labour and Finance.

The College is Recognized as an Institution of Higher Learning by the Council of Higher Education in Israel. The College was also chartered by the Board of Regents of the State of New York.

The College Curriculum has been planned, first and foremost, to prepare the students for an **industrial** career, and it was prepared (and is being constantly revised) with the help of local industry and with generous assistance and advice from internationally recognized scientists & experts, outside Israel.

The College Has Five Faculties : —
Textile Technology, Textile Chemistry, Industrial Management, Textile Design and Fashion Design.

The Faculty of Textile Technology offers courses in Fiber, Spinning, Weaving and Knitting technology and supporting academic subjects.

The Faculty of Textile Chemistry teaches Dyeing, Finishing and Printing technology, Textile Science and supplementary disciplines.

The Faculty of Industrial Management prepares the students for various levels of management positions in Industry, by teaching them Business Management, Production Engineering, Clothing Technology and supporting theoretical subjects.

The Faculty of Textile Design trains students for careers as professional designers within the industry. In addition to the cultural, art and design disciplines, the students receive thorough training in the technologies involved in Printing, Weaving and Knitting Design.

The Faculty of Fashion Design prepares students for positions as fashion designers, fashion co-ordinators, stylists etc. in the apparel industry. There again they are being introduced to clothing technology, to the economics of garment manufacture & marketing, textile science, quality control etc. in addition to their art and design work.

The Placement of Graduates in industry is an important function assumed by the College, for the benefit of both students and firms. Contact between student and prospective employer usually starts during placement for a (compulsory) summer term of work study in industry, and requests from firms start piling in long before graduation. As a result, job vacancies for graduates generally exceed supply, and this, in turn, serves as an encouragement towards student recruitment.

Research & Development Projects are comparatively extensive, almost to the limit of capacity of existing staff, but are kept strictly within realms of practicality and applicability. A number of patents recently registered, await application.

24 Anna Frank St., Ramat-Gan 52528 ; Tel. : 729161.

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 Brit 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 "Brit Ivrit Olamit" is headed by The p. Pres. of the State of Israel, Prof. Ephraim Katzir as Honorary President; Chairman of the Executive Committee, Prof. Arieh Tartakover; Director, Mr. Simha Raz.

Head Office: Jerusalem, 18 Bezalel St.; P.O.B. 7111; Phone (02) 248608.

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.

The foundations for Neot Kedumim were laid by the late Dr. Ephraim and Hannah Hareuveni through their scientific research and educational work in Israel during the first half of the twentieth century. Today, their son, Nogah Hareuveni, carries on their work and heads the institution.

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 much of the Biblical & Talmud. 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 exhibits, teacher-training courses, seminars and lecture series. Work/study programs at Neot Kedumim are organized through the Jewish Agency for youth groups touring Israel in the summer. The program includes a week or more of half-day work on a specific group project plus slide and discussion evenings conducted by the Neot Kedumim staff wherever the groups are housed.

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, the late Zalman Shazar.

Among many distinguished figures, it includes f. Premier I. Rabin; Y. Yeshayahu, f. Chmn of the Knesset; MK Abba Eban; 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.

Honorary Chairman: Prof. William F. Albright (dec.).

Chairman, Board of Directors: M. Itzhak Navon, President of the State of Israel.

NEOT KEDUMIM LTD., P.O.B. 299, Kirjat Ono, Israel — Tel. (03)758-435.

ZALMAN SHAZAR CENTER

for the Furtherance of the Study of Jewish History

The Zalman Shazar Center was established by the Historical Society of Israel with the assistance of the State of Israel, with the intention of perpetuating the memory of Shneor Zalman Shazar, the third President of the State of Israel and Honorary President of the Historical Society of Israel.

The central purpose which the Center has set for itself is to instill a historical consciousness within the Israeli population and to this end the Center strives in several ways :

1. Lectures and conferences.
2. Meetings of History teachers.
3. Publication of works and studies in Jewish History.
4. A central library and regional libraries of Jewish History.
5. A photo-slide archive.

During the four years of its existence, the Center has held hundreds of lectures for adults and youth, as well as teachers' meetings; 24 books have been published; some 4,000 photoslides have been prepared, shortly to be made available to the public; and a Jewish History library has been opened, based on the library of the late President Shazar.

Members of Board of Directors :

Mr. **Haim Cohn,** Justice, Supreme Court — Chairman;

Dr. **Eliahu Tavin** — Deputy Chairman;

Prof. **Shmuel Ettinger;**

Mr. **Shlomo Eliahu** — M.K. Treasurer;

Mr. **Netanel Lorch;**

Mrs. **Penina Herzog.**

Jerusalem, 4, Hovevei Zion St., P.O.B. 4179

THE DAVID BEN-GURION MEMORIAL

1. The David Ben-Gurion Memorial is an association founded for the purpose of perpetuating the acts and heritage of Ben-Gurion, through the following activities:

a. Establishment of institutions and activities in memory of David Ben-Gurion, e.g.: institutes of science, educational and cultural institutions, museums, libraries, and exhibitions. Development and cultivation of the Sdeh Boker Seminar and the educational institutions existing at the Seminar, with the aid of institutes of science and educational and cultural institutions, both within and outside the framework of Ben-Gurion University in the Negev.

b. Cultivation and encouragement of scientific research, in order to promote knowledge, education, and society in the Negev, as well as scientific activities for the realization of these goals.

c. Raising the level of education and culture of Negev residents requiring aid, by means of scholarships, both to institutions connected with the David Ben-Gurion Memorial and to other institutions.

2. The David Ben-Gurion Memorial manages, coordinates, or is connected with the following funds and institutions :

a. The Paula Ben-Gurion Fund.
b. The Company for the Dissemination of the Teachings of Ben-Gurion.
c. David Ben-Gurion House in Tel Aviv.
d. The David Ben-Gurion Pavillion at Sdeh Boker.
e. The Sdeh Boker Seminar.
f. The Ben-Gurion Heritage Institute and Archives.
g. The Institute of Desert Rearch.

3. The association also takes care of funds and donations given for the purpose of promoting its causes.

4. The David Ben-Gurion Memorial includes a 25-member administrative committee.

Administrative Committee President: Mr. Shimon Peres ;

Administrative Committee Chairman: Mr. Joseph Jacobson ;

Director General: Mr. Yona Yahav.



BEIT BERL. CENTRE OF EDUCATION. STUDIES AND RESEARCH

Beit Berl, the Centre of Education, Studies and Research named after Berl Katzenelson, was founded in 1949, to serve as a centre for ideas research and education. The responsible body of this institution is the Berl Katzenelson Fund. The members of its board are :

Board of Directors

Abba Eban, MK, Chairman; Nissim Almog, General Director; Adi Amorai, MK; Simcha Assaf, Tamar Eshel, MK; Zeev Geler, Moshe Harif, David Kalderon, Israel Keissar, Joshua Levy, Akiva Levinski, Daniel Rosolio, MK.

Beit Berl is a federation of many educational institutions, housed under a single framework that includes educational facilities ranging from secondary school through post-graduate studies. More than 2,000 students — youth and adults — are registered today with its various activities. 600 of these students are boarders. The activities of Beit Berl begin in the early morning and continue through to the late evening hours. We present here a list of the educational institutions included in the federative framework of Beit Berl, not only to demonstrate its scope but also to emphasise the wide and qualitative range of the functions that take place under the auspices of Beit Berl.

1. Beit Berl College

Beit-Berl College — a four-year programme of academic studies in humanities and social sciences. The College lays an emphasis on the training of teachers, social education workers, advisers and supervisers as well as managers and senior officials for public administration. The studies are manysided and purport to supply the shortage of competent personnel in the fieds of education and public services. The programme of college studies encourages students who have not completed their highschool education, to advice in their work and gives adults a second chance. The college emphasizes the values of the labour movement as the basis of Israel's society.

Board of Trustees

Abba Eban MK, Aharon Yadlin MK, Simcha Assaf, Ishayahu Avrech, Tamar Eshel MK, Zeev Geler, Aharon Harel, Israel Keissar, Dov Zamir, Joshua Levy, Akiva Levinski, Nissim Almog, Gabriel Zifroni, Prof. Shlomo Simonson, Prof. Zvi Yavetz, Prof. Avraham Shumski, Prof. Yosef Gorni, Asher Maniv, Adv. Ezra Godard, Israel Kargman, Ora Namir MK, Prof. Shraga Shechter, Mordechai Nisyahu, Dr. Pinchas Blumental, Prof. Yechzkel Dror, Avraham Ben Yaakov.

2. Ami Assaf Regional Comprehensive Secondary School

This Six year school providing secondary education is attended by 700 students from the moshavim (villages) in the area.

3. The "Ayin Hasharon" Six year Secondary School

Provides secondary school education for 300 students from kibbutzim in the area.

4. Pre-academic Course

A special framework for young people from development areas to enable them, after their military service, to complete their secondary education and go ahead to university studies. The Course is attended by about 130 students annually.

5. Seminar for Youth Leaders

Israel's main centre for training of leaders for the youth movements. This course train sixty young people every year for youth leadership.

6. Seminar for Vocational School Counsellors

Central institution of the Ministry of Labour, for training social-educational workers for the vocational schools. Attended by 100 students annually.

7. Centre for Jewish Youth from Abroad

The centre holds courses in Jewish and Israeli history for high school and College students from the United States and serves as a bridge between Jewish communities abroad and Israel. The Centre, which is attended by 250 students every year, is situated at Kalmania at Beit Berl.

8. **Zionist political seminar**
A seminar structure to enable high-school students from Israel to study specific aspects of Zionism, the labour movement and subjects connected with the Jewish people and the State of Israel. 20 per cent of Israel's total secondary-school population attend three-day courses at this seminar, which is held at Kalmania at Beit Berl.
9. **Training and study Centre**
For youth workers at community centres, its activities are designed to help youth workers acquire knowledge and improve their performance.
10. **Seminar for Arab-Language teachers**
A joint project of the Ministry of Education and the Army, for training girl soldiers as Arab language teachers at elementary schools.
11. **English language Studies**
Intensive language courses for adults in key positions in the economy and in public life, to improve their familiarity with the English language.
12. **Technological Centre**
Vocational training centre ran in cooperation with the ministry of Labour and the Army, provides instruction in various technical trades.
13. **Workers' Educational Centre**
Brief courses for workers, designed to provide information on topical subjects connected with the life and problem of the worker. These courses are held all through the year.

CULTURAL AND SOCIAL

1. **Central Library**
With 200,000 volumes on a wide range of subjects, reading and reference rooms for the use of all the students and teachers at Beit Berl.
2. **Central Archives of the Labour Movement**
The archives contain hundreds of thousands of documents and papers and are at the disposal of scholars and researchers.
3. **Community recreation and sports centre**
The centre serves 5,000 residents of the area by providing sports, cultural and recreational facilities which include a well-equipped gymnasium, and Olympic swimming pool, tennis courts, basket-ball pitches and rooms for social activition.
4. **Central auditorium**
For large gatherings — the hall seats 1,200 and its equipped with a modern stage and cafeteria.
5. **Amphitheatre**
Seats 8,000 plays, rallies and events of a special nature are held here.
6. **Holiday for youth**
Facilities for summer-holiday camps and recreation programmes, with bungalows and activity centres for 800-1000 young people.

Post Beit Berl, Kfar Saba 44905
Tel. (052) 25151.

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 com-

pulsary 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 250 graduates until now. Most of them visit the College regularly, write for the College Journal and remain in contact with us. 60% 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 6 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 057-78217). Every student has to pass an entrance examination, to which candidates with 12 years of schooling and matriculation are admitted.

Fees and Loans: Tuition IL. 1.400; Dormitories (yearly) IL. 2000. The Ministry of Education and Culture encourages the Training of Teachers and awards Loans and Stipends of up to IL. 8.000 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 difficult, 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, until 1977 was Dr. Elly Friedmann.

Since 1977 the principal of the College is Mr. Moshe Schneider.

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, & reports concerning the Institute's var. fields of res.

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 Jew. Agen. 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 Menahem, Jerusalem, Tel. 419191.

JOINT (J.D.C.) ISRAEL BROOKDALE INSTITUTE OF GERONTOLOGY AND ADULT HUMAN DEVELOPMENT IN ISRAEL

Brookdale Institute of Gerontology and Adult Human Development in Israel The Joint (JDC) Israel-Brookdale Institute of Gerontology and Adult Human Development in Israel is a national center devoted to research, demonstration and education in gerontology and human development. Established in 1974, its work is funded by the American Jewish Joint Distribution Committee, the Brookdale Foundation of New York and the Government of Israel.

The purpose of the Institute is to investigate socially relevant problems in the fields of gerontology and human development and to develop alternative strategies and policies for the provision of health and social services. It attempts to implement its objectives through multi- and interdisciplinary program and policy oriented research, advancement of professional and public education, linking of research findings to program development for social change and publication of findings and recommendations for effective intervention and enrichment of informed public and professional debate.

The Institute brings together experts from the various fields of academic and public life in order to promote critical inquiry and action. It serves as a center for scholars and students from Israel and abroad by offering opportunities for research, education and other activities to which the Institute is committed.

The staff of the Institute comprises about 80 full and part-time members in the fields of: communications computer science, demography, economics, epidemiology, social geography, management, social medicine, social work, sociology, statistics and urban planning. Among current studies are the spatial distribution of the elderly; housing for the elderly; household maintenance and the use of services by the elderly; a survey of the needs and services of a total population in a defined neighborhood; manpower in services for the elderly; mobility and the quality of work life in Israel; mobility and the opportunity structure in Israel; problems of the older worker in industry; indicators of service adequacy; private and public pensions; projections of socio-economic characteristics; psychological development from middle to old age; the management of risk factors for cardiovascular disease; a community center outreach program for the aged; a comparative analysis of social care services for the aged in eight countries. Work in education and training includes preparation for retirement and studies concerned with aging and the mass media.

The Institute publishes discussion and research papers based on its various projects. The papers, most of which are available in Hebrew and English, are intended to provide information and stimulate public debate on issues of national importance. A comprehensive report for the year 1977 has also been published.

The work of the Institute is guided by a bi-national professional advisory committee. Members from the U.S. are: Professors Martin Cherkasky (chairman), Carl Eisdorfer, Herman Stein and Stanley Yolles. The Israeli members are: Professors Rebecca Bergman, David Danon, Sidney Kark, Nathan Rotenstreich, Haim Doron (Director General, Kupat Cholim), Mr. Aharon Langerman (Ministry of Labor and Social Affairs), Professor Jacob Menczel (Director-General, Ministry of Health) and Mr. Amiram Sivan (Director-General, Ministry of Finance). The Director of the Institute until October 1977 was Dr. Israel Katz, who left the Institute upon his appointment as Minister of Labor and Social Affairs.

Address: Jerusalem, JDC Hill.
Tel.: 68251-7 — P.O.B. 13087.

ALLIANCE ISRAÉLITE UNIVERSELLE

The "Alliance Israélite Universelle" whose headquarters are located in Paris, had as its president until his death which occurred in February 1976, Prof. René CASSIN, Nobel Peace Prize Winner. It is now presided over by its Deputy-President, Mr. Jules BRAUNSCHVIG, its General Secretary is Mr. Eugène WEILL and its Deputy Secretary General is Mr. Gérard ISRAEL.

The "Alliance Israélite Universelle" was founded in 1860 by seven young men who called upon Jews in all parts of the world to make common efforts to achieve the moral, spiritual and material rehabilitation of World Jewry. The "Alliance" was thus the first international jewish organization. The founders were convinced that such a renovation would not be possible without keeping Jewish education and culture alive. "Alliance" began to establish schools and work-shops wherever Jews were to be found in the Middle East and in North Africa. The first school was founded in Tetuan (Morocco), in 1862. Since then, schools have been founded at frequent intervals in Morocco, Tunisia, Libya, Palestine, Syria, Lebanon, Turkey, Greece, Serbia, Bulgaria, Roumania, Iraq, Egypt and Persia.

In 1867, it founded the Ecole Normale Israélite Orientale in Paris, where the teachers for its world system were instructed.

Since October 1962, the Ecole Normale Israélite Orientale of the Alliance Israélite Universelle has admitted a large number of pupils than in past years, in its new premises. The Ecole Normale Israélite accepts, not only young boys trained for future teaching but also those who might choose other careers, and who wish to study Jewish topics as well as secondary curicula.

In 1944, the Ecole Normale Hébraïque in Casablanca (Morocco) was founded with five classes, and here Hebrew teachers for all the "Alliance" schools in the North African countries are trained. In 1951, l'Ecole Normale Hébraïque moved to its new building, a modern, spacious three stories house.

In Eretz-Israel, the Alliance pioneered in various fields: it opened the first agricultural school in Mikveh Israel in 1870, at a time there was no jewish agriculture whatsoever. It opened in Jerusalem in 1882 the first jewish school where Hebrew was taught as a living language by no one else than Eliezer Ben Yehuda and David Yellin, the men who realized the Hebrew language revolution. This school was also the first vocational school in the country. Again the Alliance pioneered when it founded in 1932 the first deaf and mute school in the country.

Since the creation of the State of Israel, the Alliance opened three high schools in Haïfa, Tel-Aviv and Jerusalem where the building of a new large and modern high school received the name of "Lycée René Cassin".

In 1974, the Alliance Israélite Universelle contributed to the opening in Jerusalem of an institution of advanced studies devoted to the promotion of Humanistic Jewish Education in Israel and to the training of high school teachers. This Institution is known as Kerem.

Today, the Alliance network includes 42 schools where 13.698 pupils are instructed as follows: in France: Paris, Ecole Normale Israélite Orientale: 1 school with 121 pupils· Pavillons-sous-Bois: 1 school with 230 pupils. In Morocco: 12 schools with 2469 pupils; In Casablanca: Ecole Normale Hébraïque: 1 school with 144 pupils. In Israel 8 schools with 5410 pupils. In Syria: 1 school with 597 pupils. In Iran: 14 schools with 3539 pupils.

This network also includes schools affiliated with the Alliance schools and located in Spain: Madrid: 1 school with 150 pupils and Barcelona: 1 school with 90 pupils; in Belgium: Brussels: 1 school with 513 pupils and in Canada, Montreal: 2 schools with 579 pupils.

Through the Consultative Council of Jewish Organizations — of which it is a constituent member together with the Anglo-Jewish Association and the Canadian Friends of the A.I.U. — the Alliance Israélite Universelle is represented at ECOSOC, UNESCO, in various United Nations specialized agencies and in the Council of Europe.

In this capacity, the Alliance contributes to the defence of the international human rights in accordance with the ideals fought for by President Cassin, one of the fathers of the Universal Declaration on Human Rights.

The "Alliance" publishes the following 4 periodicals:
1 — Les Nouveaux Cahiers, in French, edited in Paris;
2 — Les Cahiers de l'A.I.U., in French edited in Paris;
3 — Alliance Review, in English, edited in New-York;
4 — La Revista de l'Alliance, in Spanish, edited in Argentina.
The "Alliance" is represented in each country by a person authorized to act on its behalf: In Israel: Elie Elmaleh, 4, rue Chlomo Molkho, Jerusalem; André Chouraqui, Délégué Permanent. In France: Comité Central de l'Alliance Israélite Universelle, 45 rue La Bruyère, Paris. In Iran: Morteza Danechrad, P.O.B. 553, Téhéran. In Morocco: Délégation Ittihad Maroc, 13, rue Eléonore Fournier, Casablanca. In the U.S.A.: The American Friends of the Alliance Israélite Universelle, 61 Broadway, Room 811, New-York City 10006, N.Y. In Canada: The Canadian Friends of the A.I.U., Mrs. Marlene Salomon, Executive Secretary, 5711 Edgemore Ave., Côte St.-Luc, Montreal, Qué. H4W 1V7.

ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH LTD.

The company was established in August 1966 as a result of the recommendations submitted to the National Council for Research & Development and to the National Academy of Sciences by a special Oceanographic Committee appointed by the Prime Minister in 1964.
It is a strictly governmental, non-profit organization affiliated with the Directorate for Research into Natural Resources within the Ministry of Commerce & Industry and the Ministry of Energy and Infrastructure.
The purpose of the company is to initiate and develop oceanographic and limnological research in Israel in order to detect and economically exploit marine resources, preserve the marine environment as a whole and protect the water quality of Lake Kinneret against deterioration. The company's task is to conduct, coordinate, centralize and direct the research in these fields among all the governmental and public bodies concerned as well as academic institutions.
The knowledge and technical know-how accumulated as a result of such investigations will be provided by the company to local industries and authorities.
The chairman of board of directors is Dr. Eliezer Tal, Director of Israel Council for Research and Development, P.M.'s Office, Jerusalem; other members of the board of directors are representatives of the ministries concerned with the company and a number of individual scientists. Director General of the company is Admiral (Res.) Yohay Ben-Nun.

RESEARCH PROJECTS
The research conducted by the company covers the following fields:
a. Physical oceanography
A study of the wave and current regime in the coastal waters of Israel is now under way. This study will enhance our understanding of the littoral processes that are responsible for costal errosion and accretion. In addition, information obtained from these studies will enable engineers to design sewer outlets to the sea in a more efficient and harmless manner to the marine environment.
b. Marine geology and geophysics
Geophysical surveys currently carried out in the Levant Basin of the Mediterranean are aimed at understanding the geological structure of this area. This serves as background information for oil exploration in this area.
c. Marine chemistry
The projects covered under this section deal primarily with marine pollution caused by oil spills and heavy metals discharged into the sea. These studies indicate the source of the various pollutants, their quantity and their effects on the marine environment.
d. Marine biology
The company is conducting an intensive study into the controlled rearing of a number of marine fishes, in order to foster marine farming along the arid coastline of the Gulf of Eilat. Studies are concerned with growth rates, food and feeding habits, and artificial spawning of these fishes.
These projects on marine farming and marine pollution are supported by physiological and ecological investigations of planktonic organ-

isms. These organisms serve both as food items for the early larval stages of the fishes and as ecological indicators of marine pollution.

e. Hyperbaric physiology

These studies are concerned with the effects of high pressure exerted on the human body in the course of diving. The results of this study assist the determination of criteria in selecting prospective divers.

f. Lake Kinneret investigations

A multidisciplinary study of Lake Kinneret has been carried out for the last years in order to deepen our understanding of the processes taking place in this lake. The mass of data assembled in the course of this long-term investigation is being used both for interim recommendation in regard to current operational problems as well as for long-term predictions regarding future behavior patterns of the lake.

FACILITIES AND EQUIPMENT

a. Oceanographic Institute

A central oceanographic institute is situated at Tel Shikmona, near Haifa. The institute houses most of the governmental oceanographic research and includes laboratories in the major branches of oceanic research (biology, geology, chemistry and physics). It includes a physiological research laboratory for studies in diving medicine, the national oceanographic library, workshops, lecture halls, seminar room and facilities for visiting scientists. The institutes building was completed in 1976.

b. Kinneret Limnological Laboratory

Established in 1968 at Tabha on the shores of Lake Kinneret, it comprises laboratories and other facilities for studying the physical, chemical, biological and geological properties of the lake.

c. Eilat Marine Biological Research Station

The company has participated in the building expenses of this station which was established by the Hebrew University. The station's facilities are available to the company's scientists.

RESEARCH VESSELS

a. Shikmona

This is an ocean-going fishing trawler (120 ton, 25 m. long) which has been converted into a multi-purpose research vessel. It has accommodation for a scientific crew of nine and is equipped to conduct almost any oceanographical work.

b. Etziona

A 15 m. long catamaran designed for work in the immediate offshore area. It has six berths and is equipped with a winch, sonar devices, radar, etc.

c. Hermona

A 10 m. long boat assigned to the Kineret Laboratory.

d. Arnona

This boat, operating in the Gulf of Eilat, has a fiberglass hull, is 10 m. long, and has a cruising speed of 18 knots.

The address of the company is: Israel Oceanographic & Limnological Research Ltd., Tel-Shikmona, P.O.B. 1793, Haifa. Tel. 539258/9.

★

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 !

Please contact :

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BEZALEL ACADEMY OF ARTS AND DESIGN

The Bezalel School of Arts and Crafts was founded in 1906 by Professor Boris Shatz. He considered Bezalel's goal to stress the promotion of Eretz Israel's art and the creation of original Hebrew art. In 1969 Bezalel was raised to the status of Academy of Arts and Design.

Government : The Academy is supervised by a Board of Directors appointed by the Minister of Education and Culture. An international Board of Governors, appointed by the Minister of Education and Culture, functions in an advisory capacity and assists the Academy in its development. The Academy is managed by a Director, an Associate Director for Administration, and the heads of the departments.

The Departments : The departments of Bezalel are: Fine Arts, Graphic Design, Environmental and Industrial Design, Gold- and Silversmithing and Ceramics.

The detailed study program, published at the beginning of the year, is compulsory for all students. The Academy works on a trimester basis.

The first two years in each Department are devoted to imparting basic practical and theoretical knowledge in arts subjects and the last two years center on specialization in the student's major. Students of all departments are also required to take courses in general subjects, based on individual choice and the point system.

Credentials upon Completion: The course at the Academy is a four-year one. Upon the successful completion of his studies, the student of the Departments of Fine Arts, of Ceramics and of Gold- and Silversmithing receives a Bachelor of Fine Arts (B.F.A.) degree, and a student of the Departments of Graphic Design and of Industrial Design receives a Bachelor of Design (B. Des.) degree, pursuant to the authority of the Council of Higher Education. In Environmental Design the student receives a Diploma.

Admission Requirements: Admissions are only at the beginning of the academic year. Students must pass a battery of entrance examinations which he is qualified to take upon the presentation of a certificate of matriculation or the equivalent, in order to be admitted to the Academy. The entrance examinations are designed to test the applicant's elementary talents to test aptitude for the studies in the department of his choice.

Director : Prof. Dan Hoffner ;
10 Shmuel Hanagid St., Jerusalem 94 592,
Telephone: 225111.

IDA KIMCHE ART GALLERY TEL AVIV

The Ida Kimche art gallery, at the Hilton Tel-Aviv, carries works of leading Israeli & international artists, i.e.: Agam, Ardon, Chagall, Ben Chaim, Nahum Gutmann, Kaszemacher, Mane Katz, Pascin, Rubin, Shraga Weil, Weintraub etc.; sculptures by Ben Ely, Chana Orloff, Eli Ilan etc.

Hilton Hotel, Lobby, Tel-Aviv; Tel. 244222. Ext. 251.

See Advt. this page.

IDA KIMCHE

ART GALLERY

TEL-AVIV
HILTON HOTEL LOBBY
TEL. 244222

MUSEUMS OF ARTS IN ISRAEL

Jerusalem:
Museum Israel, Hakiriya, tel. 02-33231, Rockefeller Dept., tel. 02-282251.
Tel-Aviv:
Museum Tel-Aviv, 27/29 Shaul Hamelech Blvd., tel. 257361.
Pavillion Helena Rubinstein, 6 Tarsat Blvd., tel. 287196.
Beit Hatanach (Bible House), 16 Rothschild Blvd., tel. 57760.
Haifa:
Museum of Ancient & Modern Art, 4 Bialik St., Heichal Hairiya, tel. 04-640775.
Tikoti Museum of Japanese Art, 89 Hanassi Ave., tel. 04-83554.
Mane Katz House, 89 Jefe Nof St., tel. 04-83554 Chagall House.
Bat-Yam:
The City Museum, Struma St., Ramat-Yosef, tel. 868304.
Museum Ryback, Hadadi St., tel. 868645.
Eilat:
Museum of Modern Art, tel. 059-4972.
Ein-Harod:
Mishkan Leomanut, Museum of Art (Jewish & Israeli Art), tel. 065-81670.
Ein-Hod:
Artists Village (permanent exhibition).
Holon:
Mishkan Leomanut, 41 Migdal U'Homa St., tel. 878252.
Petach-Tikva:
Yad Lebanim, 12 Arlozorov St., tel. 903450.
Ramat-Gan:
Yad Lebanim, 12 Haroeh St., tel. 728781.
Zefat:
Artists Colony, General Exhibition, tel. 067-30087.
Museum Frenel, 29 Tet-Zain St., tel. 067-30235.



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Zefat, Artists Colony

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מיצירות האמן 1920—1975

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פתוח מ־09.00 עד 20.00.

הכניסה חופשית

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.

General Manager, Mr. Shmuel Omer; Artistic Director, Mr. David Levin.

Office: Tel-Aviv, Kikar Habimah, P.O.B. 222; Tel. 282720, 284102; Cash: Tel. 283742.

THE BAT SHEVA DANCE COMPANY

Artistic Director : **Paul Sanasardo**

General Manager : **Edwin Blacker**

Management & Studio : 9, Sderot Hahaskala, Tel-Aviv, Tel. : 37795.

Performances & Booking Office : 13, Esther Hamalka St., Tel-Aviv, Tel. : 248181.

Public Relations : "Artis" Ltd. 84, Ben-Yehuda St., Tel-Aviv, Tel. : 220033.

The Company is now under entirely new management, preparing for extensive tours in Europe, the U.S. and South-Africa as part of Israels 30th Anniversary celebrations.

New and very promising dancers from Israel and abroad have joined its ranks. Arrangements were made for new works to be created by world famous choreographers, to add to the illustrious repertoire of the past which includes works by Martha Graham, Jerome Robbins, Kurt Jooss, Anna Sokolow, Jose Limon, John Cranko, Glen Tetley, Donald McKayle, Robert Cohan, Talley Beatty, John Buttler, Norman Morrice among others and some of the most important local choreographers.

The company is supported by the Ministry of Education and Culture and by the Israel-America Cultural Foundation.

THE BAT-DOR DANCE COMPANY OF ISRAEL

Founded in 1968 the Bat-Dor Dance Com pany (Art. Dir. Jeannette Ordman) has toured extensiv. in Asia, Europe, Africa & S. America where it has received standing ovations. Has participated in the Holland, Edinburgh and Israel Festivals. The Company also performs to full houses all year round in Israel, including some 10,000 subscribers.
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.

★ General Manager: Barry Swersky;

★ Producer: Batsheva de Rothschild;

★ Artistic Director: Jeannette Ordman;

★ Rehearsal Director — Jean Geddis-Zetterberg

★ Assistant Rehearsal Directors — Dafna Rathouse, Siki Kol.

★ Musical Advisor: Zvi Avni.

★ Public Relations: Joseph Frenkel.

30 Ibn Gvirol Street, Tel-Aviv; Tel. 263175.

BAT-DOR STUDIOS OF DANCE

Founder: Bathsheva de Rothschild;

Director: Jeannette Ordman;
Assistant Director: Sheila Levi.
General Manager: Barry Swersky.

Founded in 1967, this school now has over 600 pupils and a teaching faculty of some 20 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.

A branch in Beeersheva was opened in 1975 with the same curriculum and standards as the Tel Aviv Center.

30 Ibn Gvirol St., Tel Aviv; Tel. 263175.

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.

— IMI publishes and promotes in Israel and abroad, works by contemporary Israeli composers and musicologists covering a wide field of music publications —

- operas
- cantatas
- symphonic and chamber works
- vocal and instrumental works
- educational music (Easy, Intermediate, Advanced)
- liturgical music
- musicological monographs
- movement notation
- music in the lighter vein
- folk tune collections

— IMI has published about 750 works, many of which have been performed all over the world by outstanding performers in important centres of music, and worthy of mention are the following :

Conductors : Aharonovitz, Atherton, Atlas, Atzmon, Barenboim, Bernstein, Bertini, Comissiona, Cosma, Couraud, Currie, Davis, Dorati, Ericson, Foss, Foster, Hupperts, Inbal, Izquierdo, Maag, Martinon, Mehta, Ostrovsky, Prêtre, Riklis, Segal, Shapey, Sheriff, Singer, Steinberg, Susskind, Talmi, Taube, Zaliouk, Zinman.

Soloists : winds — Ettlinger, Holliger, Nicolet; harp — Allen, Berghout, Chertok, Falcao, Geliot, Korchinska, Lawrence, Mayani, Malone, Mathieu, McDonald, Mildonian, Molnar, Schlomovitz, Szarvas, Wong, Zabaleta; piano and harpsichord — Eden-Tamir, Granetman, E. Klein, Malcolm, Pelleg, Salzman, Vered; violin — Fenyves, Fried, Menuhin, Zeitlin, Zuckerman; viola — Benyamini, Golani, Levertov, U. Meir, Partos, Riddle, Steinberg, Trampler; cello — Heled, Olefskv, Wiesel.

Orchestras : BBC, Boston Symphony, CBC, Chicago Symphony, Detroit Symphony, Glendale Symphony, Israel Chamber, Israel Philharmonic, Jerusalem Symphony, Montreal Symphony, National Symphony, NOR NDR, Radio Suisse Romande, Radio Svizzera Italiana, RAL, RTB, SNO, Stuttgart Radio Symphony, Sydney Symphony, Toronto Symphony, Utrecht Symphony.

Opera companies : Bavarian State Opera, Hamburg State Opera, New York City Opera.

Chamber ensembles : Amati Quartet, Danzi Quintet, Fine Arts Quartet, Israel Philharmonic Quintet, Israel Woodwind Quintet, Karkoschka Ensemble, New Israel Quartet, Tel Aviv Quartet, Yuval Trio.

Festivals : Edinburgh, Ein Gev, ISCM, Israel, Lucerne, Marlborough, Munich, Perugia.

Ballet companies: American Ballet Theatre, Bat Dor, Batsheva, Ballet Rambert, Glen Tetley Dance Company, Nederlands Dans Theater, Royal Swedish.

Choreographers : Alum, Butler, Cohan, Cranko, Discombey, Efrati, Gluck, Graham, Hill-Sagan, Hodes, Maslow, Sanders, Sharon, Schenfeld, Sokolow.

— IMI's Listening Centre is at the disposal of :

- conductors and performers
- dancers and choreographers
- composers and critics
- teachers and students
- amateur musicians

and recorded Israeli music on tape or record is available for listening (by appointment) along with the relevant scores.

— IMI 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 IMI supplies information on the Israeli music scene.

— IMI is represented abroad by :

- Albersen & Co., Holland
- Barenreiter-Verlag, West Germany
- Boosey and Hawkes Inc., USA and Canada
- Boosey and Hawkes S.A., France, Monaco and Belgium
- Wilhelm Hansen, Denmark
- Harald Lyche & Co., Norway
- A/B Nordiska, Sweden
- Ricordi Americana, Argentina
- G. Ricordi & C. s.p.a., Italy
- Universal Edition, England

CBS RECORDS LTD.

A joint venture of CBS Inc. U.S.A. and Mr. Simon Schmidt of Tel Aviv, the company, founded in 1964, is active on a broad basis 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, among others A & M, ABC, Arista, Capitol, EMI (all labels), MCA, United Artists, Vanguard and Jupiter Ember, Hansa, Elver, Polar (Abba), Bronze, Virgin, K-Tel. Fully paid-up capital $ 360,000. Board of Directors: CBS, Inc., Mr. S. Schmidt (Chairman); Mrs. S. Schmidt, Mng. Dir.

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 craftsmen, Israeli born and immigrants, who adapt traditional skills gained in their countries of origin to contemporary Israeli designs, under the leadership of Mrs. Ruth Dayan, the President and the founder of the House, the Managing Director of which is Mr. Nir Baruch.

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 includes wallhangings, rugs, curtains, bedspreads, upholstery & causal pieces of furniture, metalware for home design and ritual objects; fashion which includes designs for different seasons of the year; fabrics originally designed and exclusive for Maskit; jewellery in gold, silver and metal, traditional and modern.

Maskit has seven shops:

Tel Aviv — EL AL Bldg., 32 Ben Yehuda St., tel. 291540;
Jerusalem — 12 Harav-Kook St.;
Old Jaffa — 18 Simtat Mazal Dagim;;
Ramat Gan — 1 Bialik St.;
Herzlia — Sharon Hotel;
Beer Sheva — 28 Herzl St.;
Eilat — Larrome Hotel.

CBS RECORDS LTD.

CBS

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Wholesale Depot:
24, Ben Yehuda
Tel: (04) 539777

Jerusalem
Wholesale Depot:
5, Hillel Street
Tel: (02) 231984

Tel Aviv
Wholesale Depot:
64, Pinsker Street
Tel: (03) 280640

THE BOOK PUBLISHERS' ASSOCIATION OF ISRAEL

29, Carlebach Street, P.O. Box 20123,
Tel Aviv, tel: 284191

President: Mordechai Bernstein; Executive Director: Benjamin Sella; Manager, Literary Rights Department: Lorna Soifer; Treasurer: Elazar Goor; Co-Chairmen: S. Achiasaf, E. Ben Dor, D. Gorfung, E. Hausman; Additional Members of Board of Directors: Y. Barash, A. Bitan, A. Broido, R. Eidelman, Z. Namir, A. Orenstein, I. Shoham, S. Sivan, B. Tcherikover.

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 20123,
Tel-Aviv, tel. 284191
Chairman: M. Bernstein
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 20123,
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.

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 programmes for study visits to Britain; sponsors consultancy visits to Israel by British specialists; promotes exhibitions and drama and music tours; collaborates with the Ministry of Education and Culture and other Israeli institutions in projects concerned with education, English language teaching, sciences & the arts; & lends documentary education, 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 (Library): Terra Sancta Building, King George Avenue, P.O.Box 7437, Telephone 39866.

Haifa (Library): 8 Derech Hayam, Mt. Carmel, Haifa. Telephone: 87048.

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; 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 Abraham Avishai.

15, Rehov Nehardea, Tel Aviv; Tel. 224969, 225222; P.O.B. 16040.

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 1,100 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.

Telegrams: ACUMEMIS, Tel-Aviv.

☆

MAGEN DAVID ADOM IN ISRAEL

Magen David Adom (Red Shield of David"), a volunteer organization founded in 1930, fulfills a dual role:

- It provides first aid and ambulance services for the entire population of Israel and thousands of visitors each year.
- It carries out in Israel the functions assigned by the Geneva Conventions to national societies of the Red Cross or other volunteer aid societies recognized and authorized by their Government.

From its small beginnings nearly 50 years ago, MDA has grown into a nationwide organization with a network of 62 First Aid Stations. Until the declaration of the State of Israel, Magen David Adom constituted the medical corps of the Haganah. After the birth of the State, a special law was passed by the Knesset, recognizing MDA as the sole organization carrying out the functions of a national Red Cross Society in Israel.

MDA, a non-political, non-sectarian benevolent society, serves all of Israel's inhabitants. Membership is open to all residents of Israel from age 17.

MDA Headquarters supply and equip ambulances and supply first aid equipment to all branches, many of which are located in border settlements and outposts. MDA's fleet of over 700 ambulances are radio-linked to MDA's nationwide communications network.

MDA offers hundreds of courses in first aid and mouth-to-mouth resuscitation for its members and the general public.

The MDA Emergency and Disaster Service plans and coordinates activities and storage of supplies during periods of national emergency, disaster or crisis, in peace or war.

MDA's Blood Services collect blood from donors — more than 130,000 units in 1977 — for use in civilian and military hospitals. Currently more than 600,000 people are covered by MDA's Blood Insurance Program. At the Col. David Marcus Institute in Jaffa, cryo-precipitates, fresh frozen plasma, thrombocyte concentrates, albumin and immune serum globulin are produced.

MDA in Israel is greatly helped in carrying out its vital tasks by its friends abroad, the American Red Magen David for Israel and Friends of MDA Societies in 12 countries.

60 Giborei Israel St., Tel Aviv, Tel. 36222.
Director General: Col. (Res.) Asher Dar
Chairman: Prof. Ron R. Rozin.

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 and hospitalization.

KHL renders its services in 113 branches, where a populace of over 280,000 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.

HADASSAH MEDICAL ORGANIZATION

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.
1975 Hadassah University Hospital on Mount Scopus re-dedicated.
1976 Dedication of Ullmann Building for Cancer and Allied Diseases and the Moshe Sharett Institute of Oncology at En Kerem.

INSTITUTIONS TRANSFERRED TO THE GOVERNMENT AND LOCAL AUTHORITIES:

Hadassah 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.

KUPAT HOLIM,

75 PER CENT OF THE PAPULATION OF THE WORKERS OF ISRAEL, EXTENDS MEDICAL AID TO 75 PER CENT OF THE POPULATION

At the end of 1977, the population of Kupat Holim -- members and dependants — numbered 2.742.000. 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 1205 at the end of 1977. 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 5,174 against 567 in 1948.

Convalescent and Rest Homes

16 Convalescent and Rest Homes with a total of 3,215 beds are partly owned and partly administered by Kupat Holim jointly with other public institutions.

Personnel

Kupat Holim employs a staff of 27,856 — of them 4,600 physicians & dentists, 8,760 nurses and workers in other professions (pharmacists, laboratory technicians, 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 1977/78 reached 4,250 million Israeli Pounds.

Preventive Medicine

Kupat Hol. maintains 226 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

(continuation: page 610)

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 330,000 persons are insured in Kupat Holim Maccabi, and its budget for the 1977/78 fiscal year amounts to IL. 560 million. The Fund renders medical services in 90 branches throughout the country, and over 900 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. 292911.

Jerusalem Branch: 5 King George Street. Tel. 234611.

Tel Aviv District: 10 Balfour St.; tel. 292911

Dan District: 7 Alexander St.; tel. 719444.

Northern District: Haifa, 6 Hayim Street, Tel. 663151.

HISTADRUT
— THE GENERAL FEDERATION OF LABOUR IN ERETZ ISRAEL

The HISTADRUT was founded in December 1920.

Membership of the Histadrut is open to all men and women of the age of 18 and over earning their livelihood by their own labour. A worker joins the Histadrut directly, and through it becomes also a member of one of the national unions according to his or her occupation.

The Histadrut thus unites in a single organization skilled and unskilled workers, members of cooperatives, other self-employed persons, housewives and working youth. Its adult membership comprises some 1,424,000 workers plus housewives.

The Trade Union Department of Histadrut is the roof-body of 40 national unions, covering every industry, craft and trade. The unions each elect their own committees and officers both at the enterprise and national levels. Most communities in Israel have local Labour Councils, elected democratically by the members in their jurisdiction. The Labour Councils are Histadrut's branches in the locality.

Histadrut is governed by a general Convention (1,501 delegates), elected once in 4 years by general, proportional and secret ballot; the convention elects a Council (501 members) which appoints the Executive Commit. (168 members), the latter in turn appointing an Executive Bureau (32 mem.). Every member of the Histadrut is also a member of "Hevrat Ovdim", the economic branch of Histadrut.

The chief executive officer of Histadrut is its Secretary-General (since Novembr 1973 — Yeruham Meshel) who presides over the Executive Committee and the Executive Bureau and is concurrently Chairman of Hevrat Ovdim (Labour Economy).

ECONOMIC ACTIVITIES: About 240,000 persons were employed in 1975 by Histadrut industries and other economic institutions associated with "Hevrat Ovdim". The agricultural settlements organised in the framework of the Histadrut produce about 75% of Israel agricultural output. About 210,000 people live in communal settlements — Kibbutsim and Moshavim — affiliated to the Histadrut. Cooperatives include a network of consumer, road transport and producer cooperative societies.

MUTUAL AID INSTITUTIONS: Every member of the Histadrut and his family are covered by medical insurance in Kupat Holim — the Workers' Sick Fund. Other mutual aid institutions include provident and pension funds, Parents Homes, etc.

Cultural and educational activities: The Histadrut engages in the fields of culture and education through the Centre for Culture and Education, through cultural committees in each Workers' Council.

Hanoar Haoved — Histadrut organization of working and student youth have some 100,000 members each.

Hapoel — the Workers' Sport Organization.

Histadrut's "Amal" vocational schools provide secondary school training in technology and practical skills.

Histadrut's daily "Davar", is published since 1925.

INTERNATIONAL ACTIVITIES: Histadrut is a member of the International Confederation of Free Trade Unions, and is also represented in the governing body of the International Labour Organization. Through Hevrat Ovdim it is a member of the International Cooperative Alliance.

Thousands of labour leaders and co-operators from developing countries have studied at Histadrut's Afro-Asian Institute for Labour Studies and Cooperation and at its Centre for Labour and Cooperative Studies for Latin America.

93 Arlozorov St., Tel-Aviv; Tel. 261111.
Cables: OVDIM TEL-AVIV: P.O.B. 303.



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 & upgrade industry, its management, 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, production and foreign trade. Virtually all of the country's main privately owned industrial enterprises 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. Avraham (Buma) Shavit, one of the country's leading industrialists. 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. 222449
Haifa, 8 Hane'emanim St.; Tel. 524202

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 establishment of a state arbitration body within the framework of national vital services to settle all labour disputes.
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 about 300.000 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.

Publication: "Lapid".

Offices: 23, Sprintzak St., Tel-Aviv, P.O.B. 618, Tel. 258351.

FARMERS' FEDERATION OF ISRAEL



The Farmers' Federation of Israel (in Hebrew: Hitachduth Ha'ikarim Be-Israel) was founded in 1903 with the purpose to promote 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
- N.H.L. Nahal Farming Accounts
- Purchase Organization

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. Eliahu Isakson.

Director General: Mr. Shlomo Riesman.

Offices: Farmers' House, 8 Kaplan St.,

Tel-Aviv, P.O.B. 209.

HAIHUD HAHAKLAI

HaIhud HaHaklai, the Famers Union, is an association of 66 societies of farm settlements.

The settlements of HaIhud HaHaklai are spread all over Israel, from Newe Ativ on the Golan Heights and Yesud HaMa'ala in the Hula Valley, which are in the north, to En Hazeva in the Arava and Talme Yosef in Pithat Rafiah which are in the southern region of the country.

Within HaIhud HaHklai are villages belonging to different periods of Jewish settlement in modern Israel, beginning with senior Galilean villages founded at the end of the 19th century, middle class villages settled in the 1930s, immigrant settlements founded after the establishment of the state and newer villages built on the Golan Heights, in Biqat HaYarden and in Pithat Rafiah.

The settlements are not indentical in their setups; they include smallholders' cooperatives, cooperative villages, "Agra" — a cooperative in a village, and other forms of agricultural cooperative societies. The new settlement plans of the movement include industrial villages on the Golan Heights and in the Galilee, and intensive agricultural farms in the south for export crops.

The main economic branches in the association are: plantations (citrus and subtropical plants), livestock (including poultry and dairy) field crops (mostly for export).

HaIhud HaHaklai is an independent body with no political affiliations, and each individual farmer has his civil right to belong to, or sympathize with, any party. Each settler has freedom of religion, conscience and political ideology.

HaIhud HaHaklai is for the abolishment of party membership as the key to settlement, and for the establishment of a national authority supervising all settlement activity. It stands for organizing local societies, central associations and economic institutions with no political identity or dependency. Due to this attitude the settlers belonging to HaIhud HaHaklai have developed proper mutual relations for advancing social and economic matters irrespective of the individual's political convictions. Being an independent body HaIhud HaHaklai can truly speak in behalf of it members; thus achieving its goal which is to represent the interests of the affiliated farmers and societies to the different institutions dealing with settlement, agriculture, housing, cooperatives in municipal and all other areas related to farming and settlement. Its main efforts are directed to means of production, land and water problems, credits etc. But its primary concern and contribution is the development of new regions for Jewish settlement in the country.

HaIhud HaHaklai believes in a flexible framework which can be adjusted to the different and changing conditions of farming and settlement. It does not consider the system sacred, any form of organization is only the means to achieve a goal and should not become the end purpose. The organizational structure of institutions and settlements should coordinate regional conditions, economic requirements, the type of farming and the desire of the people who constitute the core of every settlement.

The family unit must contribute to the rural community which preserves the agricultural purpose of the settlement; the absorption of the coming generation as well as developing additional branches into one unit.

HaIhud HaHaklai movement has the organizational and agricultural tools to serve settlers and societies in marketing, supply, finance, insurance, training auditing and for aid on subjects of cooperatives and professional matters.

The following central institutions are connected with HaIhud HaHaklai:

"Tene" Central Cooperative Society for Marketing Agricultural Products, Ltd.
"Of Tene" Meat Enterprises, Ltd.
"Tene Botnim" **Ltd. (Peanuts).**
"Haspaka" Central (supply) Company for Farmers, Ltd.
"Mifale Haspaka" Ltd. (Supply).
Ihud HaKeniot — Purchasing Association of HaIhud HaHaklai Settlements.
Irgun Keniot Shel Miske Gederot — Purchasing for Settlements in Gederot Region.
Mifale HaIhud HaHaklai, Ltd. (Enterprises — M.H.L.).
Keren HaHaklaut HaShitufit, Ltd. (Fund for Cooperative Farming).
"Oz", Cooperative Society for Insurance.
"Bohan", Controlers of Cooperative Societies in Israel, Central Union, Ltd.
"Amit", Ltd. Retirement and Compensation Fund.
"HaMeshek HaHaklai" Monthly Publication on Agriculture.
Association of Poultry Farmers.
Organization of Private Vegetable Producers.

Scope of Production and Economic Activity in Settlements of HaIhud HaHaklai:

10% of poultry (meat) produce in Israel.
22% of eggs for eating.
8% of citrus area.
10% of grain imports.
10% and over of feed production.
10% of organized settlement.
Turnover 1,000,000,000 IL.

HaIhud HaHaklai activates the following departments:

Settlement; Economic, Organizational, Legal, Youth and Sports, Absorption of Candidates for Settlement and a Citrus Office.

Haihud HaHaklai deals in matters of settlement and agriculture such as :
Production Councils.
Land and Water Problems.
Housing.
Finance.
Insurance.
Vocation.
Cooperative matters.
Municipal subjects.
Social problems.
Organization of settlement nucleus.

PRINCIPLES OF HAIHUD HAHAKLAI

- Professes freedom of conscience, religion and personal philosophy.
- Accepts all forms of settlement that advances the settlement of the land of Israel.
- Demands separation between settlement and political affiliation.
- Advocates a national authority which will concentrate and coordinate activities such as : approval of settlement nucleus, designate settling, plan settlements, build homes and farmhouses and care for the farms till they are established.
- Believes that only a unified national authority can efficiently utilize the potential in matters of land, water, manpower and financial resources in all regions of The Land of Israel.
- Backs the individual enterprising farmer who acts within the general frame of policy pertaining to agriculture and settlement.
- Expects the family unit to contribute to the rural community which should preserve the agricultural character of the community, allow for the absorption of the coming generation and develop new means of production, industry, resorts and services.
- Considers healthy and profitable farming to safeguard the social and economic stability of the village.
- Promotes education of the younger generation in a spirit of pioneering and cooperation in agricultural settlement.
- Trusts land settlement to be a main goal for the state, to secure its borders, desperse its population, create a healthy human foundation and play an important role in absorbing immigrants and strengthening the national economy.

Haihud HaHaklai takes part in :
The Inter-movement Committee for Settlement.
The Inter-cooperative Villages Committee.
The Coordinating Committee with the Farmers Association.
Overall Production Committees and Marketing Boards, Set Up by the Ministry of Agriculture.
Agriculture Planning Administration and its Committees.
The General Council of Cooperative Associations.
The Research Institute for Gainful Employment in Agriculture.
The Management of the Water Council and the Committee for Water Supply in Agriculture.
The Drainage Council.
The Council for Matters of National Insurance.
The Secretariat of Regional Councils.
The Council of Land Administration in Israel.

THE ASSOCIATION OF ENGINEERS AND ARCHITECTS IN ISRAEL

The Association of Engineers and Architects in Israel (AEAI), established 1921, has 10,000 members, organized by profession: architecture and planning; industrial management; civil, mechanical, electrical, hydraulic, municipal, chemical and environmental engineering. Headquartered in the Engineer's House Tel Aviv, AEAI has branches in Jerusalem, Haifa, Beersheba, Netanya and Safed.

It has a regular schedule of interdisciplinary symposia and lectures; shares administration of postgraduate study and refresher courses with the Technion's extension division; appoints juries to public competitions for award of architectural design assignments; sets the fees for engineering and architectural services in Israel; has a 25,000-volume library, subscribing to 500 professional periodicals; and publishes a professional journal, "The Bulletin" (Hebrew, monthly) and newsletter, "Technical Progress" (English, monthly). With the Labor Federation and several government agencies, it runs the Middot Publishing Company, publishing Hebrew technical books for engineers, technicians and trade school students. AEAI's Engineering Council, an advisory forum, reviews the national impact of social, economic and environmental problems.

AEAI's Engineering Club holds weekly luncheons in Tel Aviv, Haifa, and Jerusalem, with lectures by cabinet members, heads of government agencies, and leading professionals. The AEAI set up several institutions eventually taken over by public

and governmental entities, including: the Standards Institute, the Building Centre of Israel, the Productivity Institute, and the Israel Industry Centre for R&D. AEAI has its own research organzation, The Building and Industry Research Institute, which studies the problems of industry and building trade in Israel. AEAI was instrumental in founding the Israel-based International Technical Cooperation Centre (ITCC) in 1967 to promote technological advancement in underdeveloped countries. AEAI and ITCC hold triennial international congresses for engineers and architects in Israel, and periodic international conferences and seminars. ITCC publishes an interdisciplinary quarterly — ITCC Review.

Head office:
Beit Hamehandes, 200 Dizengoff Rd.,
Tel Aviv. Tel. 220122.

ISRAEL CONSUMER COUNCIL

At the initiative of the former Minister of Commerce & Industry, Mr. Haim Tsadok, the Israel Consumer Council was founded in 1966 as a public body to protect the interests of the consumer and to coordinate the various voluntary associations: the Israel Consumers' Association (independent), Central Consumer Authority (Histadrut), the Better Bussines Bureau (Haifa) and the B.B.B. (Tel-Aviv). The Council finances and coordinates their activities in dealing with complaints, in advising and educating consumers, in making comparative tests, etc.

The Minister of Commerce & Industry has appointed the following persons as members of the Council: Mr. Meir De-Shallit, chairman; Mr. Nissim Baruch, Mr. Rafael Ben-Shushan, Mr. David Gonen, Mr. Felix Davidson, Mr. Ben-Zion Weisman, Mr. Muhamed Wated, Mr. Aharon Kahana, Mr. Nethanel Lirm, Mrs. Miriam Miller, Mr. Yair Mish, Prof. Haim Manheim, Mr. Littman Mor, Mrs. Esther Pen, Mrs. Irma Polak, Mr. Kalman Karni adv., Mrs. Ruth Kringel, Mr. Abraham Shani;
The Director General of the Israel Consumer Council is Mrs. Maya Tavori, adv.; The Legal Adviser is Adv. Nechama Bassewitch Frenkel.

The budget is aimed to finance the following activities: assistance to the consumer protection societies, information, guidance, research, legislation, planning and carrying-out, education schemes for the consumer in schools and to the general public, legal counsel and representation before ministries and Govt. agencies.

The largest allocation is for information and guidance to help the consumer get value for his money. The Council's seven criteria are: quality, fair price, efficient service, cleanliness, correct weight, truth in advertising and courtesy.

Office: 42 University St., Ramat-Aviv, Tel-Aviv; Tel. 427026-7.



המועצה הישראלית לצרכנות

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.

The Association for Welfare of Soldiers in Israel operates in 3 spheres:

1. Service to the Soldiers

Through the Branches and associated volunteer groups of the Association, units and camps are adopted. In conjunction with Army H.Q. a yearly work program and budget is worked out in order to provide Clubrooms in the units with armchairs, transistors, air-conditioners, televisions, movie projectors, water coolers, games and books, as well as field-libraries and other amenities. Once a year, and sometimes twice, gift parcels are sent to the soldiers. Throughout the country, the Association has built some 160 road shelters were soldiers await lifts to and from their bases.

2. Soldier's Houses

The Association builds and maintains these Houses in the cities, and they provide facilities for soldiers on leave, in transit, or on duty. They include: hostel, restaurant, club-rooms, entertainment and party halls, library and reading room, music rooms, and in Jerusalem, also a swimming pool.

3. Rest Camps

Along the Mediterranean Coast, 4 Rest Camps have been built and are run by the Association for the benefit of the army. Here, entire units come yearly for one week's rest and relaxation, and especially field units. These camps provide sports grounds, swimming pools, libraries, synagogues, games rooms and other facilities, and the soldiers receive this rest period over and above any normal leave due them.

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The Assocation's main source of income is through the annual Lottery, waste-paper collection project, donations from organizations and individuals in Israel, donations of workers towards the Rest Fund, and donations from the numerous Circles of Friends in some 19 countries abroad.

Address: The National Executive
8 Haarbaa Street, Tel Aviv
Tel. 262291.

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, Ministry of Tourism, Commerce & Industry, Ministry of Finance, the Israel Institute of Technology and the Association of Engineers and Architects.

For 25 years the Institute with its staff of trained engineers, economists, business administration graduates, technicians and others, has been concerned with the optimization of increasing 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 100,000 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. 422411.

Jerusalem Branch: 30 Jaffa Road; Tel. 226066.

Haifa Branch: 82 Haatzmauth Road; Tel. 666-3-88.

Beer-Sheba Branch : "Beit Yatziv"; 7 Haatzmauth; Tel. 742-54.

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. The Institute grants prizes in a total amount of IL. 75,000 yearly. The Institute is largely helped by the Israel Professional Safety Association (I.P.S.A.) 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 cooperation 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 and Development.
Director General, Mr. Naphtaly Amidan.
Office: 22, Maze St., Tel-Aviv, Tel. 297311-3
Branches in: Jerusalem, Haifa, Beer Sheba.

THE ASSOCIATION OF THE DEAF IN ISRAEL

The Deaf 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, who was headed until recently by Dr. Israel Katz — Minister of Labor and Social Affairs and who is today honorary Chairman of the committee. 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.
- Protection of the Deaf.
- Cultural, sport and social activities among the Deaf.
- 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 orgs. the world over (through the world Federation of the Deaf, Rome).
- Development of methods of communica-

tion and familiarization of the deaf and those in contact with them, with these methods.

- The surveys on vocational rehabilitation and visual communication have been completed and the Association, together with the Ministry of Welfare and the Heb. University, had already completed the first dictionary of sign language for the deaf in Israel and the creation of an Israel finger-spelling mannual.
- Further research is to be conducted on the following subjects: 1) Rehabilitation through movement and dance, 2) Relations between deaf parentes and hearing children.

Since 1959, voc. 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 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 had issued a special 16mm film "Touching with Words".

New initial innovative course for training young deaf for leadership was opened by the Association and soon will a course for interpreters for sign language be opened in Tel-Aviv.

The Association is directed by Mr. Issachar Goldrath.

Head Office :

Helen Keller Home, 13 Yad Lebanim, Tel-Aviv; P.O.B. 9001; phone: 31526, 31181.

MICHA SOCIETY FOR DEAF CHILDREN — TEL AVIV

The MICHA Society for Deaf Children, Tel Aviv is a non-profit voluntary organization established in 1953. The Educational Center and Administration Offices are located at 23 Reading Street, Ramat Aviv, Tel Aviv (Tel. : 415146, 415147).

The goal of MICHA is the education and habilitation of pre-school deaf children, so that they may be integrated into the hearing society. The emphasis of the MICHA program is on early case finding, individual therapy in speech and hearing skills with effective use of binaural amplification, intensive parent guidance and counselling, highly structured and supervised programs of educational integration with hearing children, and the broad involvement of the community.

The MICHA Center is equipped with electronic amplification and all other equipment necessary. It includes 2 large nursery schools, 8 tutoring rooms each equipped with an observation room, and a special education library.

Important services of the Center, in addition to the nursery school program and individual tutoring include audiological testing and evaluation; hearing aid recommendation and hearing aid testing; psychological services, including child testing and parent counselling and guidance; a course for parents; social work services; transportation to and from the Center; genetic counselling; otologic and neurologic examinations for every child where needed.

The professional staff consists of an Educational Director, assistant to the Director, teachers, speech therapists, nursery school teachers and assistants, psychologist, audiologist, social worker and librarian.

The MICHA Center also serves as an observation and practicum training center for students from the Faculty of Communication Disorders at the Tel Aviv University, students in the field of special education at Bar Ilan University, and students in the Faculty of Special Education of the Teachers Seminary of the Kibbutzim. As part of the Public Relations and Education Program which the Center considers of primary importance, twice weekly, groups of students from high schools, from Teachers Seminaries, medical students, students of Nurses Training Schools, and other groups, visit the Center for orientation lectures and observation.

The MICHA Center is funded primarily through the efforts of the MICHA Society for Deaf Children. The Ministries of Education, Health, Welfare, friends of MICHA in Israel and abroad, have contributed substantially towards the support of the MICHA Center program.

Bank Leumi LE-ISRAEL B.M.

בנק לאומי לישראל בע"מ

Israel's first and largest banking group, with 360 branches, subsidiaries, representative offices and agencies the world over, of which 324 banking branches in Israel and 36 offices abroad. The main subsidiaries abroad are : Bank Leumi Trust Company of New York, with 12 branches and a representative office in Toronto, Canada; Bank Leumi (U.K.) Ltd., London with 3 branches; Bank Leumi le-Israel (France) S.A., Paris, with 2 branches; Bank Leumi le-Israel (Switzerland), Zurich and Geneva branches; Luxinvest S.A., Brussels; Agencies in New York and Miami, Florida; Branches in Chicago, Beverly Hills, L.A.; Cayman Islands; Representative offices in Milan, Frankfurt/M; Johannesburg; Hong Kong; Melbourne, Buenos Aires; Sao Paulo; Caracas, Antwerp and Leumi International Investments N.V. in Curacao.

At December 31, 1977 the Group's capital and funds were IL. 4,125,5 million (including Convertible Capital Notes IL. 726,8 million). Total consolidated deposits at that date were IL. 114,793,4 million and the total consolidated assets IL. 152,247,3 million (about $ 9,9 billion).

Among the Bank's main subsidiaries in Israel are commercial Banks, such as : Union Bank of Israel Ltd. (22 branches) with total assets of IL. 13,877.3 million ; Arab-Israeli Bank Ltd. (26 branches) with total assets of IL. 550.2 m.; medium and long-term financing cies., such as: General Mortgage Bank Ltd., with total assets of IL. 7,307.4 million, Bank Leumi Investment Co. Ltd. with total assets of IL. 6,787.6 million, Otsar La'Taasiya Ltd. with total assets of IL. 5,755.5 million, Yaad Agricultural Development Bank Ltd. with total assets of IL. 6,698.4 million, Trust Funds, Provident Funds and the Bank Leumi le-Israel Trust Co. Ltd., seven Insurance Companies and Agencies, a Land Development Company.

The total consolidated assets of the Group as at December 31, 1977, were IL. 152,247.3 million. The Bank ranked 83rd among the 500 largest banks in the free world in the annual listing of the "American Banker" (June 30, 1977).

The Bank was established in London in 1902 as a subsidiary of the Jewish Colonial Trust, at the personal instigation of the founder of the Zionist Organization, Dr. Theodor Herzl. The first name was Anglo-Palestine Company Ltd. (later changed to Anglo-Palestine Bank Ltd.). Its object was to engage in banking business in Palestine and to serve as a financial instrument of zionist colonization work there. 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 granted 18-year loans for the construction of the first 60 houses of Tel-Aviv.

When Turkey entered World War I the Bank, as an English company, was ordered into liquidation but managed to continue certain of its activities including relief activities. After the war it expanded its operations with the growing needs of the country's economy. The Bank established subsidiaries for the grantig of medium and long term credit for housing, agriculture, industry. Also insurance, and investment companies. It was instrumental in creating the Tel-Aviv Stock Exchange.

After the establishment of the State of Israel in 1948 the privilege of note issue, as legal tender of the new State, was conferred on the Bank.

The Bank established for this purpose a special Issue Department and another Department for the Administration of Government Loans. It fulfilled these functions until 1954, when Bank Israel — the state's central bank — was established.

As it became necessary to transform the Bank into an Israeli Company, Bank Leumi Le-Israel B.M., was incorporated in 1950 and took over in 1951 all the assets and liabilities of the Anglo-Palestine Bank.

The share of the Bank Leumi Group in

Israel's banking system at the end of the respective three years is as follows :

	Percentage		
	1975	1976	1977*
Total assets	41.3	41.1	42.3
Deposits of the Public (in domestic and foreign currency)	49.4	49.5	50.8
Credits to the Public in Israeli Currency	,35.7	35.4	34.6
Total credits to the Public (in domestic and foreign currency)	37.9	40.6	38.3

* Represented by figures as of end October

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 main investors and shareholders are — First Pennsylvania Corp. 42%, Canada-Israel Development Ltd. (Montreal) 25%, Israel Investors Corporation, two groups of Israeli Industrialists and Samuel Rothberg.

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 1977 was 4.7 billion.

FIBI and First International opened a new chapter in Israeli banking. Backed by solid banking experience in Israel and 20 Automatic Teller Machines (ATM) (53 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 international financing. It provides import and export financing. It provides import and export financing including the Diamond industry through a specialized branch. It provides its clients with complete banking services and has unique deposit and saving 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: 9 Ahad Haam St., Tel-Aviv; tel. 56171; Telex: 3-41252

Main Branches:
Tel-Aviv: 9 Ahad Haam St., tel. 56171.

Jerusalem: 6 Hillel Street, Tel. 02-223311, Telex: 02-234.

Haifa: 3 Habankim Street, Tel. 04-523213, Telex: 04-862.

Diamond Exchange Branch : 3 Jabotinsky Road, Ramat-Gan, Tel. 03-257278, Telex: 03-41462.



Barclays Discount Bank Ltd.

Founded in late 1971 as a new commercial Bank in Israel to take over the Israel Branches of Barclays Bank International Limited and 99.5% of the issued share capital of the Mercantile Bank of Israel, BDB's consolidated assets have grown over its first 6 years from an opening figure of IL. 980 m. to stand at just over IL. 6 billion.

The two Banks provide complete Banking Services, both domestic and international.

BDS's 61 Branches are well-spread throughout the Country — from Galilee to the Negev, — providing a net-work which meets the every requirement of both resident and Tourist.

Head Office & Main Branch:
103 Allenby Road, Tel-Aviv.

Tel. : 03-297468

Telex : 033550

Telegraphic Address : BARSCONT

BAR-YATZIV Provident Funds Ltd.

BARAK Trust Fund.

DIAMONDS BRANCH : The Diamond Exchange Building, 3 Jabotinski Street, Ramat-Gan.
Tel. : 03-253382
Telegraphic Address : BARSCONCEN

TRUST ADMINISTRATION AND INVESTMENT MANAGEMENT :
Trustee Department :
103, Allenby Road, Tel-Aviv.
Tel. : 03-297468
Telegraphic Address : BARSCONTRS

Jerusalem Main Branch : 64, Jaffa Road
Tel. : 02-224241
Telex : 25209

Haifa Main Branch: 65, Derech HaAtzmaut
Tel. : 04-522291
Telex : 46833

61 BRANCHES THROUGHOUT THE COUNTRY

The bank known for dependability in Israel and throughout the world.



For over forty years Israel Discount Bank has been a major factor in the continuing growth of the economy of Israel.

IDB ranks among the 200 largest banks in the free world and has a world wide banking network on 5 continents.

IDB has two New York branches that offer a full range of domestic and international banking services for business and personal needs.

When performance counts, you can count on IDB in Israel, New York and throughout the world.

Overseas Branches:
New York, NY; Nassau, Bahamas
Grand Cayman Island, B.W.I.
Luxembourg
Agency:
Miami
Representative Offices:
London, Toronto, Buenos Aires,
Subsidiary Banks in Israel:
Barclays Discount Bank Ltd.
The Mercantile Bank of Israel Ltd.
The Israel Development & Mortgage Bank Ltd.
Industrial Finance Bank Ltd.
Subsidiary Banks Abroad:
Israel Discount Trust Company, New York
Discount Bank (Latin America), Montevideo

ISRAEL DISCOUNT BANK LTD.

225 branches in Israel — Founded 1935

HEAD OFFICE: 27/31 YEHUDA HALEVI STREET, TEL AVIV (03) 627411
MAIN NEW YORK OFFICE: 511 FIFTH AVENUE/(212) 551-8500

MIAMI AGENCY: 420 LINCOLN ROAD, MIAMI, FLORIDA (305) 534-6224
TORONTO REPRESENTATIVE OFFICE: TORONTO DOMINION CENTRE (416) 363-3437

Total assets exceed $4.6 billion dollars.

"TEFAHOT" ISRAEL DISCOUNT BANK LIMITED

"Tefahot" Ltd. was founded as a company whose purpose was to give loans against mortgages and other collaterals, in order to aid in the establishing of housing projects and public institutions and in order to carry out building and development project in all parts of Israel.

The various areas of activity of the bank :

1. Aid in funding all types of building in coordination with the authorised institutions. This activity is carried out by granting loans to homeowners form various social strata: veteran citizens, new immigrants, young couples, families with many children, residents of **moshavim** and **kibbutzim.**
2. Aid in solving housing problems for public in need of such (evacuees and residents of slums being demolished).
3. Funding assistance to Local Authorities, corporations and institutions in building and development projects, eg. paving of roads, building of schools and public buildings, establishment of factories and industrial complexes, building of shelters and safety structures et al.
4. Running of Government Savings Plans (Saving for Building Plan, "Bar Mitzvah" Saving Plan, Building Pledge Plan) and granting of loans to those entitled to them.
5. Running of independent savings plans such as : "Tefahot" 90,000, "Tefahot" Double Chai, and the Dollar Savings Plan.

The administrative offices:

Jerusalem, 9 Heleni Hamalka St., P.O.B. 93.

Branches and registration Stations :

Jerusalem, 9 Heleni Hamalka St., P.O.B. 93 Tel. 02-227331 ;
5 Paran St., Ramot Eshkol, P.O.B. 18060, Tel. 02-815092.

Tel Aviv, 123 Hachashmonaim St., P.O.B. 7070, Tel. 03-263141;
42 Frishman St., Tel. 03-223213.

Haifa, 207-209 Hameginim Blvd., P.O.B. 3053, Tel. 04-668177;
15 Ahad HaAm St., Tel. 04-661475.

Beersheva, Mazada St., Negev Center, P.O.B. 155, Tel. 057-76183.

Ashdod, Commercial Center, D Area, M.H. Shapira St., No. 1 P.O.B. 5080, Tel. 055-31615.

Netanya, 16 HaNota St., P.O.B. 2296, Tel. 053-37523-4.

Upper Nazareth, Shicun U'Pituach, New Comm. Center, P.O.B. 659, Tel. 065-55463.

Eilat, 215/3 Almogim St., Tel. 059-6266.

Savings Department : Jerusalem, 5 Paran St., P.O.B. 18060, Tel. 02-815395

טפחות
בנק משכנתאות לישראל בעמ

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 main objects of the Bank are the granting of loans against first mortgages and/or other securities, in connection with public housing schemes and popular housing, in close cooperation with the Ministry of Housing. The Bank, however, also finances mortgages on flats built by private housing companies and contractors.

The financial statement as at December 31st 1977, shows assets totalling IL. 3,909,890,307. Share capital and Reserves amounted to IL. 112,43,677.

Mortgage and other loans accounted for IL. 3,805,923,235.

It has been the Bank's policy to pay dividends regularly since inception of activities. In respect of the financial years 1972, 1973, 1974 and 1975, the cash dividend paid amounted to 18%. In addition to the cash dividend the Bank distributed 25% bonus shares for the year 1974 and 15% bonus shares for 1975. For 1976 a cash dividend of 20% was paid, as well as bonus shares at a rate of 20%. For 1977, it became possible to increase the cash dividend to 22%, whilst it is proposed to distribute 25% bonus shares.

The Board of Directors of the Bank:

M.B. Gitter, Daniel Recanati, Dr. Joseph Mirelman, Sam Mallah, Marcos Perelman, Prof. Simon Gitter, Raphael Recanati, Dan Tolkowsky, Max Perlman, Dr. Marcos Roitman, Dov Tadmor, Dr. David Mirelman, Karl Reich, Abraham Vreedenburg, Itzhak Schweiger.

Managing Director :

K. Reich.

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. 611973. Cables : Pituabank Telaviv.

HOUSING MORTAGE BANK LTD.

The Housing Mortgage Bank Ltd. was established in May 1950 and commenced its business in the beginning of 1951. The purpose of the Bank was to grant assistance in financing public housing projects. During the 26 years of the Bank's existence it financed the construction of over 100,000 housing units.

The Balance Sheet as at 31.12.1977 totalled IL. 2,263.1 million as against IL. 1.416.6 million at the end of 1976, a growth of 60% as against 27% in 1976.

The Bank's share capital at the end of the account year totalled IL. 141.2 million: after the distribution of bonus shares for the year 1976, the share capital increased from IL. 29.4 million on 31.12.76 to IL. 62.9 million on 31.12.77. The items of deposits and debentures increased from IL. 1,046.2 million to IL. 1,327.5 million, an increase of 27%.

The balance of loans to home-buyers, housing enterprises and others increased by 50% and reached IL. 1,940.8 million.

In 1977 approximately 7,800 new loans were given for a total amount of approximately IL. 500 million. The amount of the loans. the deposits with the Treasury and with banks reached IL. 2,207.5 million in 1977.

The net profit before provision for taxes amounted to IL. 70.2 million as against IL. 40.1 million in 1976. The net profit after provision for taxes amounted to IL. 26.6 million as against IL. 14.7 million the previous year.

The Board of Directors of the Bank resolved to recommend to the general meeting the transfer of a sum of IL. 6.0 million to the general reserve and to distribute the following dividends:

On the Management and Ordinary Shares — a dividend at the rate of 17% in cash.

On the Preference Shares — a dividend of 12% in cash.

On all the shares: Bonus Shares at the rate of 20% (of the class of the Ordinary Shares "B").

The cash dividend includes the interim dividend at the rate of 8% paid in 1976.

Summary of the Balance Sheet at December 31, 1977 (in thousands of IL.):

ASSETS	1976	1977
Loans and Deposits	1,381,998	2,206,862
Investments	26,100	37,716
Banks, debtors and debit balances	6,257	9,366
Constant property	2,289	7,010
	1,416,644	2,263,161
OBLIGATIONS	**1976**	**1977**
Capital, funds & surplus	59,377	141,184
Debentures convertible to shares	9,498	15,669
Debentures & deposits	1,318,035	2,025,559
Other accounts	29,734	80,749
	1,416,644	2,263,141

The Board of Directors :

Yoram Ravin (Chairman); Uzi Vardi-Zer (Managing Director); Meir Bachar; Peretz Litman; Eliahu Margalit: Moshe Olenik; Aviahu Olshansky; Baruch Rabinov; Shalom Zak; Shlomo Ziv.

The main office : Kaplan St. 2, Tel-Aviv; P.A.B. 1610; Tel. 258244.

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 December, 1977, its authorized Share Capital was IL. 647 million, of which, after redemption of IL.16 million, IL. 369 million was paid up. By the end of December, 1977, the paid up Capital together with Reserves and Surplus including IL. 722 million perpetual Deposit of the Israel Government) was IL. 1,294 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 19 series of Debentures & $ 15 million Bonds in Europe. The outstanding amount of the Debentures issued in Israel was as at December 31, 1977, IL. 682 million, and the Bonds issue in Europe IL. 106 million.

Lending activities of the Bank have been further increased from a number of other sources. The outstanding amount as at December 31, 1977, were IL. 6,344 million.

Lending Activities: By the end of December, 1977, I.D.B.I. has approved 5,644 loans amounting to IL. 10,161 million.

Chairman of the Board of I.D.B.I. is Mr. A. Friedmann.

Executive Vice-Chairman of I.D.B.I. is Dr. Moshe Mandelbaum.

Vice-Chairman: Messrs. Giora Gasit, M.B. Gitter;

Yaaqov Macht, Amos Mar-Haim, Moshe Olenik.

Managing Director: Mr. Yehuda Gill, L.L.B.

Deputy General Manager and General Counsel: Mr. Mordechai Rottenberg, M. JUR.

Assistant Gen. Manager: Mr. Dov Heinsdorf.

General Secretary: Mr. Hillel Ehrmann, B. A. (ECON.).

Head Office: Asia House, 2 Dafna Street, Tel Aviv; P.O.Box 33580/81; tel. 217111; Cable address: MOSLETAAS TELAVIV.

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, 1977 - 10,821,360,520. United Mizrahi Bank Ltd. also operates through several branches, i.a. 12 branches in Tel-Aviv alone, then 6 branches in Jerusalem & 2 branches in Haifa, 60 branches all over Israel.

There are 2 representative offices abroad, in New-York, USA and Johannesburg, South-Africa.

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 Managing Director of the Institution and Mr. J. Shlezinger — General Secretary.

MAIN OFFICE :

48, LILIENBLUM ST., TEL-AVIV
Phone : 622315

UNION BANK OF ISRAEL LIMITED

Union Bank of Israel Ltd., founded on June 20th, 1951, continues the banking business of the Palestine Corporation Ltd., which was established in this country more than 55 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 total capital means of Union Bank exceed ILm. 290. The shares & the cap. notes 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. Ben-Yakar, A. Bergmann, M. Bitan, E.G.J. Dawe, A.L. Horelick, A. Klier, A. Manor, M.M. Mayer, E. Propper, I. Sacharov, S. Tulchinsky, M. Weichselbaum, A. Weinberg and S. Young.

Management: Mr. M.M. Mayer, Managing Director; Mr. S. Soroker, General Manager. The bank maintains three branches in Tel-Aviv, three in Jerusalem, three in Haifa, two in Ramat-Gan, two in Ashdod and one branch each in Ashkelon, Beer Sheva, Givatayim, Hadera, Nahariya, Nathanya, Petah Tikva and Rehovot.

Union Bank specializes in the financing of industry, trade, imports and exports, and in foreign exchange and the deposit business. Moreover, it is well-known as the major financial instrument of Israel's diamond industry and trade. The bank also takes an active share in the underwriting of, and trade in, securities. The fast development of the bank 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. 13,000 at the end of 1974.

Head Office: 6-8 Ahuzat Bayit Street; P.O.B. 2428, Tel-Aviv; Tel. 53523; Telex: 33493 & 33494.

BANK "ADANIM" MORTGAGES AND LOANS LTD.

★

Director General: S. Chaimowitz

★

Head office: 108 Achad Ha'am St.,

Tel Aviv, P.O.Box 4294; tel. 245291

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 Chairman of the Board. Managing Director is Mr. David Shoham. The Balance Sheet as per the end of 1976 amounted to IL. 879,268,614 compared to IL. 644,042,660 at the end of 1975.

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.

MERCANTILE BANK OF ISRAEL LTD.

24, Rothschild Blvd.
Tel-Aviv

Tel.: 622541

Complete Local and International

Banking Services

ISRAEL GENERAL BANK LTD.

Head Office:
TEL-AVIV, 28 Achad Haam St.
Tel.: 53061-5 — Cables: BANCLALI, TEL-AVIV, P.O.B. 677, Telex 33515

Haifa Branch:
HAIFA, 5 Habankim St.
Tel.: 538231-3 — Cables: BANCLALI HAIFA, P.O.B. 1432, Telex 46764

Jerusalem Branch:
JERUSALEM, 32 Keren Hayessod St.
JERUSALEM, P.O.B. 2570, Telex 25311; Tel.: 60231
Cables: BANCLALI JERUSALEM

ALL BANKING SERVICES

ZION INSURANCE CO. LTD.

The Zion Insurance Company was founded in 1936 by a group of newcomers, who wished to contribute to the development of the country. The development was rather slow at the beginning, because of the economic and political crisis which then prevailed in the country.

In 1940 the control of the company passed to an Israeli Group, headed by the well known, the late Israeli pioneering businessman, Mr. I. Taiber. The vast experience of this group, its knowledge of the conditions prevailing in the country, the important connections that the group had with leading members of the community and the National Institutions, and the confidence which the public and those institutions gave them, enabled the Zion Co. to achieve a spectacular and continuous development during the entire period.

The accumulation of reserves enabled the company to play an important role in the local investment market.

Zion was the first company to organize a team of agents in the towns, villages and local councils, who have developed the insurance-mindedness of the existing and potential clientele and has established a network of branches and general agencies throughout the whole of the country — both in the urban and rural districts.

In 1943 the Zion acquired the shares of the Judea Insurance Company Limited, a pioneer Life Insurance Company of this country, which was founded in 1922 by an important group of Zionists in the U.S.A. Since 1943 both companies have through mutual cooperation, increased their activities in all 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
1975	4,670,000,000	53,054,000	343,126,000	251,286,000
1976	6,318,000,000	69,184,000	486,862,000	352,734,000

Head Office: 120, Allenby Rd., Tel-Aviv. P.O.B. 1425, Tel.: 614711
BRANCHES THROUGHOUT THE COUNTRY

בנק אמריקאי ישראלי בע"מ
AMERICAN ISRAEL BANK LTD.

ALL BANKING OPERATIONS

PERSONAL SERVICE

Head Office: Tel Aviv, 11 Rothschild Blvd., Tel. 58271

THE ISRAEL PHOENIX ASSURANCE COMPANY LIMITED

The Company was established in 1949 and since then it expanded in all insurance branches. The following are the consolidated figures for the Israel Phoenix Assurance Co. Ltd. together with its fully owned subsidiary the Hadar Insurance Co. Ltd. for the last three years :

Turnover :

	1974 IL	1975 IL	1976 IL
Life	58,765,000	85,831,000	122,580,000
General	120,066,000	154,384,000	217,251,000
Total	178,831,000	240,215,000	339,831,000
Assets	332,586,000	499,770,000	739,965,000
Capital	24,606,000	31,697,000	46,116,000
Life Portfolio	4,485,000,000	7,489,000,000	12,035,000,000
Net Profit	12,202,000	11,135,000	20,781,000
Declared Dividend	16%	20%	20%
Bonus Shares	—	33%	25%

The Israel Phoenix Assurance Co. Ltd. together with Hadar Insurance Co. Ltd. and other Insurance Agencies fully owned by the Israel Phoenix, form one of the biggest Insurance Groups in the country. The total Premiums and Fees for 1977 amounted to about IL. 475,000,000. Total Balance Sheet exceeded IL. 1,000,000,000 and the Life Portfolio reached IL. 15,500,000,000.

Head Office : 30, Levontin St., P.O.B. 2070, Phone 623362, Tel Aviv.

Cables: ISPHOENIX, Telex: 341199 ISPHX

הפניקס הישראלי
חברה לביטוח בע"מ

ELIAHU INSURANCE COMPANY LTD.
ALL BRANCHES OF INSURANCE

HEAD OFFICE :
Tel-Aviv, 113 Allenby St., Tel. 623377
BRANCHES :

Jerusalem	—	**13, Ben-Yehuda St.**	**Tel. 233116**
		13, Hillel St.	**Tel. 224926**
Haifa	—	**1, Herzl St.**	**Tel. 640936**
Beer Sheva	—	**122, Herzl St.**	**Tel. 057-77738**

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. 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.

MAOZ
INSURANCE CO. LTD.
Formerly: BINYAN Insurance Co. Ltd.



LIFE INSURANCE

Head Office :
Tel-Aviv, 26 Se'adya Gaon St., Tel. 298144

Branches :
Haifa — 55, Haatzmaut Rd., Tel. 522266

Beer-Sheva — Hanessim Rd.,
Rassco Build., Tel. 77183

Jerusalem — 14, Coresh St., Tel. 231870

MIGDAL - BINYAN INSURANCE COMPANY LTD.

Migdal-Binyan occupies the first place among Israeli insurance companies. Total Life Insurance in force at the beginning of 1978 exceeded IL. 21 billion.

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

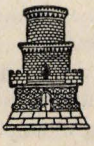
to render the best of service and provide expert and professional advice to the company's clients.

Chairman of the Board of Directors — Dr. E. Lehmann;

Managing Director — D. Ben-Dror;

General Manager — A. Rom.

Head Office: 26, Seadya Gaon St., Tel-Aviv; tel. 298129.



NATIONAL INSURANCE OFFICE LIMITED
(NIO GROUP)

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, Haifa. From very modest beginnings in 47/48, 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 T.A. & 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 eventually resulted in a multi-million pounds operation.

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, and also act since 1975 as representatives of Hassneh The Israel Insurance Company Ltd., since the latter acquired a minority interest in the group. N.I.O. effects all kinds of insurances as underwriters for these companies. A new department for life insurance was established recently to serve the group's clients also in this field.

Under the management of Mr. Willi W. Aptowitzer A.C.I.I. since its inception, the group specializes in maritime 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 the Kibbutzim industries in the north, 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 — a special feat achieved by N.I.O. in this very delicate branch of insurance.

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.

Since 1975 the N.I.O. group is associated with the Hassneh group thus beign able to give even wider service to its patrons. N.I.O.'s modern offices and specially chosen and trained personnel make the group's operations particularly efficient.

In 1976 the N.I.O. group acquired a part of a new building on the sea-shore of Bat-Galim and moved into specially built premises which serve as the main offices and Haifa branch of N.I.O.

The offices are located as follows: Haifa, 55 Pinchas Margolin Quay, Bat-Galim, Telephone : 511221 ; Tel-Aviv, 94 Allenby Street, Telephone : 611877 ; Ashdod, 1 Kibbutz Galuyot St., Tel. 31336; Haifa Port. Passengers' Terminal; London Office: Balcombe House, Paradise Row, London EZ4PB.

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. 50,000,000; Paid-up share-capital and Surplus is — IL. 36,700,000.

The share-capital is held by 21 of the biggest Israeli Insurance Companies and by the Netherland 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 Dr. J. Gruengard, Deputy-Chairman of the Board — N. Mishor; Gen. Mng. of Reinsurance Managers Ltd. — Mr. S. Jannai, Dep. Gen. Mng. S. Shmuel — CPA; Mng. D. Mohar; Contr., Z. Ayalon.

The Head Offices are situated at 5 Drujanov Street, P.O.B. 11589, Tel-Aviv; Telephone: 296141, Telex: 32134.

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. 297327; P.A.B. 987; Cables Natassur.

לה נסיונל
LA NATIONALE
ISRAEL INSURANCE CO. LTD.

★

YUVAL
INSURANCE CO. LTD.

The Company was founded by the Government of Israel and started to operate on April 1st 1962. The capital of the company was increased to IL. 25,000,000 and the paid-up Capital today is IL. 9,000,000.

The premium income of the Company has risen from IL. 2,500,000 in 1962 — to IL. 175,000,000 in 1977.

The total assets at the end of 1976, are IL. 330,000,000.

The major shareholding in the Company were sold at the beginning of 1969 to Gefen Investment and Finance Co. Limited.

The Members of the Board are as follows: Mr. J. Kaplan, Chairman; Managing Director: Mr. A. Arnon; Mr. I. Salman.

Head offices, 27 Keren Hayessod St., Jerusalem, P.O.B. 1485; Tel. 234211; Tel-Aviv Branch, 44 Rothschild Blvd., P.O.B. 326, Tel. 625292; Cables: Incompis, Jerusalem; Telex: 276.

יובל
YUVAL

ASSOCIATION OF LIFE INSURANCE COMPANIES OF ISRAEL LTD.

In 1957, on the occasion of introducing linked life insurance, the insurance companies have concluded that for the normal activity of the companies dealing with life insurance 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 insurance 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 insurance sector in Israel. This society took shape under the name of "Assaciation of Life Insurance Companies of Israel Ltd.", its share-holders being all the Israeli companies working in life insurance.

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 insurance companies have considered in the past and continue to consider the field of life insurance 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 Insurance Companies of Israel Ltd. acting as mentioned above on a basis of shares distributed among the companies united in the Association (all the 22 Israeli companies working in life insurance) is conducted by a management elected by the share-holders.

In all problems of life insurance 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 insurance projects, public relations, research, promoting the consciousness of life insurance 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.

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 BITUCHIM (1977) LTD.

Kadimah Bituchim (1977) 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. 641385, 68944.

BRINK'S (ISRAEL) LIMITED

Brink's (Israel) Ltd. was established as a joint venture of the Brink's Corporation in the United States together with the investment companies of the three main Israeli banking institutions, Bank Leumi Le'Israel Ltd., the Israel Discount Bank Ltd., and Bank Hapoalim Ltd.

The American mother company, the word's largest enterprise in the field of secure money hauling, brought to the Israel enterprise its experience of a century in matters of security transportation.

The Israeli operation started in April 1965. Brink's (Israel) Ltd. transports vast amounts of money in a fleet of special armoured cars, equipped with all the necessary security devices and operated by specially-trained armed crews. In 'techniques and methods, Brink's (Israel) Ltd. draws heavily on the accumulated experience and current knowhow of the Bank's Corporation in the U.S.A. and of other similar enterprises.

The Brink's armoured fleet in Israel is engaged in transporting money from the Bank of Israel to the main offices of all the Israeli banks, and from them to their respective branches throughout the country.

Brink's (Israel) Ltd. also serves numerous other public and private institutions which have a daily intake of money which must be transported for deposit with their respective banks. Among the other clients of Brink's (Israel) Ltd. are benzine stations, supermarkets & diamond-cutting factories.

An important client of Brink's (Israel) Ltd. is the State of Israel itself, whose Revenue Department, Post Offices and so forth are regular users of the Brink's services.

The Board of Directors of Brink's (Israel) consists of Messrs: F.E. Wells, M. Porat, A.Z. Meirowitz, Y. Avnion; Gen. Mng., Mr. David Shomron.

Head Office: Tel Aviv, Shalom Mayer Tower, 9 Ahad Haam Street, Tel Aviv, Tel. 53787; Branches: Shalom Mayer Tower, Beth Harekhev, Tel. 53501-3; Kiryat-Haim, 4 Hashayara St., Tel. 04-725765; Jerusalem, 4 Yanai St., Tel. 02-223772; Beer Sheva, Negba 9; Tel. 057-77230.



MISRAH INSURANCE SERVICE LTD.

The "Misrah" Insurance Service Ltd., was founded in 1937, in connection with the well-known Lloyd's brokers C.E. Heath & Co. Ltd.

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 one of the oldest and most reliable insurance broker firms in Israel. The General Management is held by Mr. F. G. Littmann, with Mr. Arieh Diamant M.A. as Assistant to the General Manager, while the Tel Aviv branch is the responsibility of Mr. Heinz Bauernfreund; the Haifa branch is managed by Mr. Hanan Hoffmann and the Jerusalem Branch by Mr. Zvi Sossover.

The addresses of the Offices are as follows: Tel Aviv : 27 Rothschild Boulevard, Tel 623491-2-3-4

Haifa: 37 Haatzmauth Road, tel. 668175/6
Jerusalem: 9 King George St., tel. 225675, 225503.

Representatives in many towns and settlements.

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 Israel Bonds, & the late 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 share capital and reserves of the Corporation are approximatevly 50 million dollars and this capital is invested in approximately 35 plants and enterprises in the Country. Among the prominent investments of the Corporation are: Israel Tractors & Equipment Co. Ltd.; Beged-Or (1968) Ltd.; Begged-Or Bis (1972) Ltd.; Maskit Ltd.; Plaro Production of Corrugated Cardboard Ltd.; Bank Leumi and Bank Leumi for Investments; Tefahot; Israel Mortgage Bank Ltd.; The First Internation. Bank Ltd.; Jerusalem Post Publication; Palestine Post; "Magal" Israel Gas Enterprises Ltd.; etc.

The President of the Corporation is Mr. Samuel Rothberg; V. Pres. & 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.: 294521.

DISCOUNT BANK INVESTMENT CORPORATION LIMITED

The company, one of the leading Israeli investment corporations, is engaged in three major lines of activity: investments in most branches of the economy, long term loans and deposits out of proceeds of debenture issues, and management of Unit Trusts.

Among the major investments: "Elco" Israel Electro-Mechanical Industry, Elscint, The Electric Wire & Cable Co. of Isr., Klil Non-Ferr. Metal Industries, Iscar, Iscar Blades, 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", Property and Building Corporation, Clal Israel Investment Co., The Israel Phoenix Assurance Co., "Isramar' Trading and Marketing, Tel-Ad Jerusalem Studios.

Capital and reserves	— IL.	246,000,000
Debentures issued	— IL.	5,037,000,000

Board of Directors : Daniel Recanati, Chairman; Mozes B. Gitter, Vice-Chairman; Dan Tolkowsky, Managing Director; Shlomo Lahat, Executive Director; Avraham Hassidof; Stephen Shalom; Herman Merkin; Joseph Meyerhoff; Raphael Recanati; Dov Tadmor. Other officers: Gideon Erhard, Manager; Jacob Eshel, Manager; Dr. Michael Anghel, Manager; David Cohen, Controller and Secretary; Zippora Aldor, legal Counsel.

Offices : Simtat Beth Hashoeva, 16, Tel-Aviv;

Tel.: 622256.

כלל מערכות בע"מ

CLAL SYSTEMS (1969) LTD.

CLAL SYSTEM (1969) Ltd. is the authorized exclusive distributor of the world renowned computer manufacturer "Burroughs".

Burroughs' products cover a wide range of data processing equipment. They include computer systems, business mini-computers, display equipment, peripheral equipment, data preparation equipment, systems software, software products, small application machines, graphics communication equipment, word processing systems, business forms machines and electronic components.

Burroughs holds the second largest business turnover in the data-processing industry — an industry which, according to certain forecasts, will be the largest of its kind by the end of this century.

Clal Systems (1969) Ltd. operates in Israel in accordance with Burroughs' regulations and is fully backed up in its activities by Burroughs.

The Company's activities include:

— equipment marketing
— equipment maintenance servicing
— training and software servicing.

The Company's present customers are represented in the following sectors: banking, civil service, industry, education institutions, service bureaus and service facilities.

Company owned by: CLAL (Israel) Ltd.

General Manager: Dr. Menahem Gutterman.

Address: 9, Yad-Ha'mma'avir St.

P.O.B. 11014, Tel-Aviv.
Tel. 479843, 482450.
Telex: 32188.

Burroughs

GOVERNMENT OF ISRAEL INVESTMENT AUTHORITY

The Investment Authority is an extension of the Ministry of Finance and works in cooperation with the Ministry of Industry, Trade and Tourism, and other ministries. The Investment Authority maintains close ties with the Investment Center at the Ministry of Industry, Trade and Tourism who is in charge of administrating the Encouragement of Capital Investments Law.

The Investment Authority is dedicated to the encouragement of foreign investments in Israel by means of promotion and personal assistance. It aims at attracting businessmen who could bring with them initiative, technology know-how, management skills, marketing experience and commercial reputation to increase the production and export capabilities of Israel.

The Investment Authority's main functions are:

— create an investment climate in Israel,
— assist foreign investors in their initial steps towards the realization of their investment,
— promote investment projects,
— increase awareness of Israeli entrepreneurs to foreign investments potential
— act as consultant to the Government as regards the formulation of a policy of investments that would attract foreign investors and increase the volume of foreign investments,
— disseminate information about the Law, its amendments and other various incentives.

The Investment Authority maintains offices in Israel and a network of offices abroad. For further information :

Offices — Israel

Jerusalem, 6 Pick St., Tel. (02)522261.
P.O.B. 3426.

Tel Aviv, Shalom Tower, Tel. (03) 58131

Offices-Europe

The Hague, 47 Buitenhof, Holland,
Tel. : (070) 544-240.
Bonn, 53 Bad-Godesberg, West Germany,
Tel. : (02221) 8231.

P.E.C. ISRAEL ECONOMIC CORPORATION

Established in 1926, PEC Israel Economic Corporation is the oldest American investment corporation in Israel, with assets exceeding $ 32,000,000. Through its over 3,950 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.

Following an exchange of shares in 1970, PEC became a subsidiary of IDB Bankholdin Corporation Ltd.

The Company has the following subsidiaries: Property and Building Corporation Ltd., General Engineers Ltd., P.E.C. Loan Corporation Ltd., ICOA International Ltd., Transworld Distribution Services, Inc., and Palestine Economic Corporat. of New York.

PEC has also investments in the following enterprises: Abic Limited, American Israeli Paper Mills Limited, Distilleries of Assis Ltd., Electric Wire & Cable Co. of Israel Ltd., Israel Can Company Ltd., Klil Non Ferrous Metal Industries Ltd., Nechushtan Wholesalers & Manufacturers Ltd., Tambour-Askar Paints Ltd., Elron Electronic Industries Ltd., Scientific Data Systems (Israel) Ltd., Sci-Tex Corporation Ltd., "Delek" The Israel Fuel Corporation Ltd., El-Yam Bulk Carriers (1967) Ltd. and Elscint Ltd.

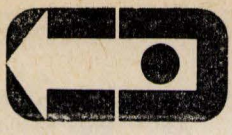
For the financial year ended December 31, 1977, the profit of the Company reached $ 1.97 per share and the Company declared a dividend of $ 1 per share.

PEC's Israel Office is at the premises of Property and Building Corporation Ltd., 16 Simtat Beit Hashoeva, P.O.B. 1688, Tel Aviv; Tel. 522901 and 622688.

PEC's New York address: 511 Fifth Avenue, New York, N.Y. 10017, U.S.A.

Head Office — North America

641 Lexington Avenue, New York, N.Y. 10022, U.S.A., Tel. : (212) 486-8530.





KOORTRADE

Koortrade is Israel's largest trading organization, encompassing a strong network of 40 branch offices located on 6 continents, a comprehensive home-based export supply house, a vigorous domestic marketing and importing organization encompassing various product-oriented specialized sales companies, and subsidiary firms which provide commercial services essential to an international trading structure.

The trading Group of Koor Industries, Ltd., Israel's largest industrial complex, Koortrade is structured into Foreign Trade and Import & Domestic Trade Divisions. Large enough to provide a full spectrum of trading activities, including import, export and international trade, Koortrade is comprised of specialized units capable of offering individual service to each client and customer.

Total Turnover in 1977: IL 4.45 Billion.

Total Export from Israel in 1977: $162 Million.

KOORTRADE LTD.
8 Shaul Hamelekh Blvd.,
P.O.B. 1514, Tel-Aviv 64733
Tel: (03)250421, Telex: 33647, 33565.

FOREIGN TRADE DIVISION:

Alda Israel Foreign Trade Co., Ltd.
8 Shaul Hamelekh Blvd., P.O.B. 1514
Tel Aviv 64733
Tel: (03) 250421, Telex: 33647, 33565 ALDA

Koor Inter-Trade (America) Ltd.
Head Office : **Solcoor, Inc.**
415 Madison Ave., New York, N.Y. 10012
Tel. : (212) 754-0920
Telex : ITT 420761, RCA 224106,
WU 12-5258
Israel Office : 8 Shaul Hamelekh Blvd.
P.O.B. 1514, Tel Aviv 64733
Branches: Chicago, Los Angeles, Montreal, Caracas, Sao Paolo

Koor Inter-Trade (Europe) Ltd.
Head Office & Benelux Regional Office
Koor Inter-Trade Europe B.V.
Rembrandtgebouw 9th Fl., Biesbosch 225,
P.O.B. 243, Amstelveen, The Netherlands
Tel. : (020) 454855, Telex : 11365 KOOR
Israel Office : 8 Shaul Hamelekh Blvd.
P.O.B. 1514, Tel Aviv 64733
Branches : Frankfurt, London, Paris, Milan, Vienna, Athens, Madrid, Stockholm, Istanbul, Nicosia

Koor Inter-Trade (Asia) Ltd.
Head Office : 8 Shaul Hamelekh Blvd.
P.O.B. 1514, Tel Aviv 64733
Regional Liaison Office-Far East
Cliffview Mansion 15E — 15th Floor
25 Conduit Rd., Hong Kong
Tel. : 5-263233/4, Telex: 73616 KOOR HX
Branches: Tehran, Tokyo, Sydney, Bangkok, Singapore, Taipei, Manila, Seoul

Koor Inter-Trade (Africa)
Israel Office : 8 Shaul Hamelekh Blvd.
P.O.B. 1514, Tel Aviv 64733
Tel. : (03) 250421, Telex : 33647 — 33565 ALDA
Representatives and agents throughout Africa (Information on request)

American Near East Corporation (Israel) Ltd.
Head Office : 29 Hayetsira St., Ramat Gan
P.O.B. 491, Tel Aviv
Tel. : (03) 719191, Telex : 33728 ANEC IL
Branches : Frankfurt, Vienna

IMPORT & DOMESTIC TRADE DIVISION

Koortrade Ltd.
29 Hayetsira St., Ramat Gan
Tel. : (03) 719191
Telex : 33446

Solcoor — Imports & Building Materials

Marketing
99 Ben Yehuda St., Tel Aviv
Tel. : (03) 248241

Solcoor 99 — Retail Marketing
99 Ben Yehuda St., Tel Aviv
Tel. : 248241

Technical Agencies
29 Hayetsira St., Ramat Gan
Tel. : (03) 719191, Telex : 33446

Diesel Motors & Compressors
29 Hayetsira St., Ramat Gan
Tel. : (03) 719191, Telex : 33446

Dage Electronics
29 Hayetsira St., Ramat Gan
Tel. : (03) 719191, Telex 33446

Hossen, Electrical Appliance Importers & Distributors
4 Ben Yehuda St., Tel Aviv
Tel. : 296264
Skantrust — Plywood & Timber Importing
29 Hayetsira St., Ramat Gan
Tel. : 719191
Glass & Glassware Distribution
P.O.B. 168, Haifa
Tel. : (04) 723261
Solor Heating, Air Conditioning & Technical Supplies
29 Hayetsira St., Ramat Gan
Tel. : 719191
Solchem Gasfor Industrial Chemicals
31 Habracha St., Tel Aviv
Tel. : 250276.
Trade & Maritime Services Ltd.
53 Haatzmaut St., Haifa
Tel. : (04) 642278, (04) 666487
American Near East Corporation (Israel) Ltd.
29 Hayetsira St., Ramat Gan
Tel. : (03)719191, Telex : 33728
Iskoor-Steel Importing and Services
4 Rosenblum St., Tel Aviv
Tel. : (03) 282171

LEWISON CO. LTD. FOREIGN TRADE REPRESENTATIVES

The Lewison Co. is one of the oldest enterprises in this country specializing in paper and cardboard. The firm was founded in 1921, and expanded in 1930, when it obtained sole representations in Palestine of the most prominent European and American paper and cardboard mills.

The Company has operated under its present name since its reorganization in 1957, when it expanded its activity as Israeli agents for international firms trading in Timber, Pulp, Cardboard-Paper and related raw materials.

The Company maintains steady business relations with the most important agricultural, industrial, building and transportation enterprises in Israel, as well as with numerous Governmental bodies.

Managing Directors: Consul I.A. Harari and Mr. I. Jura.

Main Offices : 67, Rothschild Blvd, Tel-Aviv; Tel. 293485; Telex: 033-635.

RIAM LTD.

Riam Ltd., founded in 1973 in Jerusalem as a 50% associate of an Amsterdam based international Metal group with similar offices in the U.K., W. Germany, Spain, Switzerland etc. In Israel the company is managed by Mr. Uriel Cohn, who holds the remaining 50% of the shares.

Its activities are concentrated on the export of products manufactured by the local Metal Industry where the contacts of the International mother group prove to be a very valuable asset. Moreover all warehouses (even an own bonded warehouse in the Amsterdamport) of the group provide an excellent service to local manufacturers. Furthermore Riam Ltd. supplies the local industry with the needed raw materials either directly from large world producers or through one of the groups trading channels.

As a third activity, Riam Ltd. collects from local works residues and scrap for refining by works major refineries.

In this way Riam Ltd. keeps the circle of recycling going by having the scrap and residues transformed into metals, re-import them for the local industry, who in turn manufacture products suitable for export. Riam Ltd. is also member of the famous American Organisation of the RECYCLING INDUSTRY who provides them with constant information on new technical development in the Recycling Industry.

In the year of founding RIAM exported goods in value of $ 391.000 and in 1977 almost worth $ 2 m. whereas orders already bocked promise even larger growth for the future.

With a small but very efficient staff Riam successfully maintains the very high standard of service to its present customers while constantly expanding activities in exploring new fields.

HAMASHBIR LAZARCHAN LIMITED

hamashbir lazarchan

The symbol representing Israel
in new and daring fashion.
Symbol of Youth and beauty.
Symbol
of quality goods, starting
with ladies and men fashion up to
carpets and furniture !
Symbol of the only chain of
Fabulous department stores
in Israel.

SPECIAL DEPARTMENTS
FOR ISRAEL GIFTS

Hamashbir Lazarchan
THROUGHOUT ISRAEL

Tel-Aviv	Dizengoff Center — 115, Allenby St.
Haifa	Corner Herzl Yona Hanavi & Shemariahu Levin
Jerusalem	King George St.
Beer-Sheba	K.K.L. St.
Ashkalon	Herzl St
Ashdod	Commercial Center
Rishon Le'Zion	71, Herzl St.
Hedera	Chaim Weizmann St.
Natanyah	33, Weizmann St.
Kiryat-Shmoneh	Commercial Center
Eylath	Commercial Center
Head Office:	Salameh Road 58, Tel-Aviv, P.O.Box 8680 Tel. 824224.

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, Resthouses & 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 central 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 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, (as public representatives in directories of all governamental authorities and the Managing Director of the Company. Shekem's Head Office is located at 8, Sderot Yerushalayim, Tel Aviv-Yafo 61080; Tel. 835231; P.O.B. 8724; TLX, 033—497.

CHAMBER OF COMMERCE

TEL AVIV–YAFFO

Founded in 1919, Tel-Aviv-Yaffo Chamber of Commerce is the largest in Israel, with about 1,500 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, information and assistance concerning direct and indirect taxes. Assistance regarding — import and export. Counselling on marketing of goods. Assistance regarding sea, air and land transport. Co-operation with economic counsellors and commercial attaches in Israel and at Israeli embassies abroad. Assistance to create business relations between foreign and Israeli companies. Issuing of certificates ("ATA" carnets) for temporary export of goods (samples) without payment (or deposit) of customs duties abroad. Information services for exporters and importers; issuing of Certificates of Origin and consular invoices; foreign customs forms; documentation. Information services on customs tariffs and on trade and commerce practices all over the world. Arbitration proceedings in case of commercial disputes; economic surveys. Commercial & economic library.

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.

לשכת המסחר והתעשיה חיפה

THE HAIFA CHAMBER OF COMMERCE AND INDUSTRY

53 HAATZMAUTH RD., HAIFA — P.O.B. 33176 — 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, גמ"ס וכד'.
* טפול, אינפורמציה וייעוץ בעניני הובלה ימית, במסגרת ה־Israel Shippers' Council — אגוד המשתמשים בהובלה ימית.
* אספקת כל הטפסים הדרושים בעסקי 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. E. GORALI — Director : Mr. A. MEHULAL

THE ISRAEL–AMERICA CHAMBER OF COMMERCE AND INDUSTRY LTD.

The Israel-America Chamber is a public service organization, entirely member supported, and devoted to the promotion of commercial and economic relations with the United States

The chamber, which had in 1977 over 330 members firms, is guided in its work by an elected Board of Directors of 24 members, presided over by the President of the Chamber, Mr. Baruch Barak. Vice-President is Mr. Yoram Ziv, and Honorary Treasurer is Dr. Asher Halperin.

A cross-section of Chamber activities and services include:

— A monthly newletter, concisely presenting (in Hebrew) recent developments in Israel — U.S. trade relations, both on micro and macro-economic levels, and business enquiries from U.S. firms.

— Monthly luncheon meetings with major personalities in Israel or American business and government. Some typical guests included the Finance Minister, Mr. S. Erlich, the U.S. Ambassador, Minister of Industry and Trade, Mr. Y. Horovitz and the President of the Israel Manufacturers Association, Mr. A. Shavit. Over 1500 guests attended these meetings during calendar 1977.

— Receptions and meetings with visiting American businessman.

— Short seminars on specific aspects of U.S.

— Israel trade.

— Conciliation and arbitration of business disputes.

— Telex services and office services, including Conference Room.

— A member's directory, including listings by name and by business activity of all members, in English and Hebrew, published annually.

— References and advice to member firms wishing to penetrate the U.S. markets.

The chamber places at the disposal of its members most major U.S. and Israel business directories.

Excellent working relations are enjoyed with relevant government ministries, the Embassy of the U.S., the Israel Manufacturers Association, Hevrat Ovdim, the Export Institute, the Investment Authority, and other economic organizations.

Constant contact is maintained with six sister chambers in the U.S., in N.Y., Chicago, Miami, Philadelphia, Los-Angeles and Cleveland.

All chamber services are at the disposal of visiting American businessmen who wish to establish contacts or explore business possibilities in Israel.

To sum up in a few words, the Israel-America Chamber of Commerce and Industry serves the economy and its members by acting as a promoter of Israel-American trade and investments and as an impartial organization, developing information services and making all information available to all members.

FEDERATION OF ISRAELI CHAMBERS OF COMMERCE

The Federation of Israeli Chambers of Commerce is the body that coordinates the activities of the Chambers of Commerce in Israel in subjects of a general principled nature.

The Federation is the roof-organization of the Chambers of Commerce of Jerusalem. Tel Aviv, Haifa and Beersheba. It deals with questions of economy, taxation, foreign trade, labour relations, sea transport, air transport and others.

Head of the Federation is the President of the Tel Aviv Chamber of Commerce, Mr Avner Benyacar. The activities of the Federation are decided in accordance with the resolutions adopted by its Executive Committee which includes members of the Boards of all Chambers of Commerce in Israel.

Manager of the Federation is the General Manager of the Tel Aviv Chamber of Commerce, Zvi Amit.

The Federation of the Chambers of Commerce operates from the Tel Aviv Chamber of Commerce Building, 84 Hahashmonaim St., P.O.B. 501, Tel Aviv, Phone: 288224, Telex: 33484.

KOOR INDUSTRIES LTD.

Koor, the chief industrial arm of Hevrat Haovdim, is Israel's largest group of industries, with a turnover of well over 15 IL. billion.

Koor produces 11% of Israel's products. Accounts for 18% of Israel's exports (excluding diamonds).

And employs 8% of Israel's industrial work force (23,500 employees).

The Koor-Group encompasses 130 plants and service companies active in steel and metal, arms, ammunitions, chemicals, electric, electronic and tele-communication products, food and consumer goods, ceramics, glass, cement and building structures, pipes, rubber and leather.

Koortrade, Israel's largest international trade organization, coordinates local and international import and export functions, including projects. It operates on five continents through 38 regional offices.

The 1977 turnover of the Koor Group reached over IL. 9,200 million, exports of more than 260 million dollars.

RAPAC ELECTRONICS LTD.

רפק אלקטרוניקה בע"מ

EXCLUSIVE REPRESENTATIVE AND STOCKIST:

Collins Radio Int. Inc.	Radio Communication Eqp., Airborne, Broadcast, Antenna, Amateur.
Bourns AG	Adjustment and Precision Potentiometers, Microcomponents, Transducers.
Belden Wire & Cables	Wire & Cable of all types and construction.
Cambridge Thermionic Corp.	IC Sockets, Terminals.
I.R.C. Inc.	High Grade Resistors, Carbon, Metal-film, Power.
Lambda Electronics Corp.	Power Supply and Power Systems.
Mallory Int. Corp.	High Grade Capacitors, Potentiometers.
Interelectronic — E. Oertli (Texas Instruments)	IC, Transistors, Diodes, Zeners, Semiconductors.
And many others	

Office & Warehouse: Tel-Aviv/Tel-Baruch, 15, Karl Herbst Street, P.O.B. 18053 Tel-Aviv, Tel. 477115-6-7; **Branch:** 280/A Dizengoff Street, Tel. 454246, Cables: Rapac Tel-Aviv, Telex: TV 528.

BET-SHEMESH ENGINES LTD.

BET SHEMESH ENGINES LTD. (B.S.E.L.) was founded in May, 1968 by its President Mr. Joseph SZYDLOWSKI, the President and owner of TURBOMECA FRANCE (founded in 1937). BSEL was created as a joint venture — 51% of the shares belonging to TURBOMECA and 49% to the GOVERNMENT OF ISRAEL. TURBOMECA is to-day considered one of the world's foremost manufacturers of small turbine engines. It has three large plants in France at BORDES, TARNOS and in PARIS, building engines that are used all over the world.

Construction on the BSEL plant was begun in January, 1968 and took one year to complete. The opening ceremony took place on the 15th. January, 1969.

The plant was set up to manufacture jet engines for planes and helicopters; gas turbines; spare parts for these; other engine parts under subcontraction.

On the 1st January, 1977, the ISRAEL GOVERNMENT shares were transferred to ISRAEL AIRCRAFT INDUSTRIES and a new management was appointed in order to integrate, coordinate and boost the design, development and manufacture of various power systems for aeronautical, military and industrial needs.

To this end, the factory was reorganized and modern computerized production and budget control were introduced. Especial attention was paid to the growth and development of engineering and quality assurance.

As a result of the recent rapid growth. employment figures have now reached 800, including those employed in the PRECISION CASTINGS Facility, in which is used the well-known Monoshell Process of the HOWMET CORPORATION MISCO DIVISION.

Production covers a wide range of parts including aircraft turbine blades and vanes, integral wheels and nozzles for small engines and other components for aircraft.

To supply the ever-increasing demand at the plant for skilled workers, a 4-year VOCATIONAL SCHOOL run jointly by BSEL and the Israel Ministry of Labour was founded a few years ago. The school was built in the factory grounds. Today, some 120 youths are being trained there in the skills required for the manufacture of jet engines as well as getting a general education.

In addition to development and manufacture being carried out for the armed services, BSEL is to-day involved in the following projects:

Manufacture of M2TL 800KW turbogenerator, the turbine can be supplied as a prime mover for electric generators, pumps and compressors, or as a complete package including all the accessories and acoustic enclosure.

Development of M4TL 1,000 KW turbogenerator with improved fuel consumption and performance, based on an advanced transsonic centrifugal compressor.

Development of Electronic Controls using the advanced digital technologies to replace the existing expensive hydraulic and pneumatic components.

Development of a compact heat-regenerator to lower specific fuel consumption.

Development of casting technologies for high temperature engine components.

Manufacture of MARBORE VI engines in their entirety. Manufacture of various components, sub-assemblies and assemblies of the G.E. J79 engine Manufacture of a wide range of engine parts for TURBOMECA and other engine manufacturers.

THE ISRAEL ELECTRO-OPTICAL INDUSTRY LTD.

THE ISRAEL ELECTRO-OPTICAL INDUSTRY LTD. or EL-OP is the largest and most modern enterprise in Israel engaged in the development, design and manufacture of opto-electronic, opto-mechanical and electro-mechanical devices.

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%; Oldelft, Delft, Netherlands, 50%. The paid-up capital of the Company is IL. 12,500,000. The members of the Board are: Mr. O van Leer, Chairman, Dr. A. Hillel, Managing Director; Mr. M. Avior; Dr. S. Duinker; Mr. M. Firon; Mr. F. Gadiesh; Drs. C. Kerkhof; Mr. Y. Lifshitz.

While involved primarily in the design and production of defence systems and equipment, EL-OP has established its place in the civilian market and, through planned diversification, has applied its capabilities to medical, scientific and industrial instrumentation. Company planning calls for increased emphasis on the growth of the civilian products division.

The present facilities are housed in modern buildings encompassing research and development, manufacturing, sales and administrative facilities in Rehovot, near the campus of the Weizmann Institute of Science.

The plant occupies an area of 10,000 sq. meters, with an additional 5000 sq. meters to be added in the near future. Great reliance is placed on the Research and Development Department for development of both the product itself and of the techniques employed in its production. A highly-motivated team of physicists, engineers and senior designers, well abreast of state-of-the-art innovations, forms over 20 percent of the company payroll of 500. They are equipped with sophisticated instrumentation to develop advanced systems.

EL-OP maintains close co-operation with the scientific staff of the academic institutions of Israel, and, as a member of the international electro-optical community, has reciprocal manufacturing and licensing agreements with a number of companies both in Europe and the U.S.A. In several cases, EL-OP also acts as representative and consultant for these companies in Israel. The company can be described as an integrated technology enterprise where systems are designed, glass is ground, polished and coated, electronics and precision mechanics are manufactured-in-house, and components are assembled into a system to perform all functions and withstand all unit and system tests prescribed by the most exacting customer's requirements, both for the defence and civilian markets.

Rehovot, P.O.B. 1165,

Phones: (054) 76971,

Telex: 31928; Cables: ELOPT.

VULCAN — RAPHAEL

Belongs to KOOR INDUSTRIES Ltd., and comprises two plants: VULCAN FOUNDRIES LTD., and RAPHAEL MITZPEH RAMON B.M.

Managing Director: **A. Yulish.**

A. VULCAN FOUNDRIES LTD., is the largest foundry in Israel, incorporates 3 manufacturing units :

1. IRON FOUNDRY — with a capacity of up to 10000 tons per annum and a forecast production for 1978 of 8000 tons, it supplies about 60% of castings made in Israel.

The foundry casts grey iron, alloy cast iron, nodular cast iron etc.

Standard products include sanitary pipes and fittings, sewage manhole covers etc. as also castings for most of the metal-working industry in Israel: Electric motors, gearboxes, pumps, sewing machines, water meters, valves etc.

Melting is done in electric induction furnaces and controlled by a computer — spectrometer.

Moulding is done in a mechanized conveyor moulding facility for small castings in mass production, Furan sand moulding facility for medium sized castings in batches and floor moulding for large, single or complicatod castings.

2. **Steel Foundry** — Modern foundry with a capacity of 2000 tons per annum and a forecast production for 1978 of 1000 tons. Metals cast: Carbon steel, Manganese steels, Armour steel, stainless steels and special alloy steels.

Steel is molten in a 4 ton Arc Furnace and 1/2 ton induction furnaces.

3. **Mechanical Workshop** — 40 various machine tools and welding, assembly and testing facilities for doing machining operations on customers castings.

Production comprises two lines af horizontal and vertical turbine pumps and gate-valves in cast iron and cast steel up to 16" dia. for water, petroleum and chemicals for working pressures up to 40 atm. and working temp. up to 400°C. manufactured to appropriate international standards (such as API 600).

Address : VULCAN FOUNDRIES LTD., Haifa-Bay, P.O.B. 624 Haifa 31000, Tel. 04-721302. Telex 45139.

B. RAPHAEL MITZPEH-RAMON B.M. — manufactures and markets all types of valves. Two manufacturing facilities are located one in Mitzpeh-Ramon and the other in the Holon Industrial Area.

Raphael manufactures gate valves of 3" and 4" dia. Butterfly valves from 3" to 36" dia. and angle valves, non return valves, strainers, fire hydrants, pressure reducing and regulating valves from 3" ta 16" and working pressures up to 40 atm. in a large variety of materials to customers requirements.

Control valves for the chemical industry are manufactured in sizes 1/2" to 4".

General Manager: **Eliashiv Rosenzweig.**

Address : RAPHAEL MITZPEH-RAMON B.M., Holon Industrial Area, Hamelacha St., 23, P.O.B. 1796 Holon, Tel. 03-809555, Telex 35551.

HAARGAZ LTD. METAL AND WOOD INDUSTRIES

"Haargaz" has been initially founded as a cooperative venture in 1932 and became a limited company in 1940. 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 employees number 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; containers (jerrycans) for petrol or water; gas cylinders; packing cases; "Bruce" boxes; building carpentry products; wooden furniture, etc.

The annual turnover has now reached IL. 200,000,000.

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., T.-A. — 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) AMCOMAD Ltd., Rehovot.

The Managing Directors of "Haargaz" Ltd. are Zvi Eizenman 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: Tel-Aviv, 4 Haharash St., Phone 32231-2.

CYCLONE AVIATION PRODUCTS LTD.

Cyclone Aviation Products Ltd. was established in 1969 and manufacturing operations started toward the end of 1970.

The plant located near Carmiel, in the Western Galilee, employs at present 300 persons and occupies total floor space area of about 9000 sq. metres. of hangars, shops, stores and offices.

Sales have risen from 7.6 million IL. in 1973 to 28.6 m. IL. in 1976. Investments total 8.8 millions IL. not including investment in area development and a 660 metre long airstrip which was financed by government grant. The company is now negotiating with the government for the financing of an 1700 m. long airstrip.

The company is engaged in the following operations:

1. Overhaul and repair of helicopters and light propellor-driven aircraft for the M. O. D. and commercial contractors in Israel and abroad.
2. Assembly and sub-assembly of airframes for combat aircraft, including manufacture of primary parts — as a subcontractor for Israel Aircraft Industries.
3. Repair, modification and manufacture of primary parts and structures of the various combat aircraft of the I.A.F.
4. Manufacturing of tools, moulds and dies for the company's own requirements and for the outside market — both military and civilian.
5. Sheet Metal polishing up to Mirror Grade 8 — for the civilian market.
6. The availability of the previously mentioned 1700 m. long airstrip will enable the company to carry out overhaul and repair of heavier aircraft that require such an airstrip, in addition to maintenance of helicopters and light aircraft. This will make a considerable contribution to the development of the Galilee and will enable the company to absorb an increase of about 20% in manpower.

The company is equipped with various facilities necessary for its operations:

1. Sheet Metal Facility with a wide selection of equipment capable of shearing, punching, bending and forming.
2. Heat Treatment Facility to deal with all kinds of aluminium parts, including a 2 cubic metre capacity aluminium heat treatment furnace.
3. Tools and Dies Department — equipped with grinders, mills, 3-dimensional pentograph and a numerically controlled EDM machine.

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) in 1972, a joint venture was organized, with foreign investors.

Production equipment is being extensively changed and modernized.

The plant includes two 60mt electric arc furnaces with up to 36 mW power each; two continuous billet casters, with four strands. Nominal capacity will be 250-300,000 tons of crude steel annually.

Rolling mills are being extended to suit billet size and increased output planned.

The main bar mill includes a 17 inch 3-high breakdown stand, plus 16—14—12 and 10 inch 2-high stands. It can roll 100mm billets to 8mm diam. bars, in the range of 28—8mm. Rating is 200,000 t/year.

A second mill includes 16—14—12 inch 2-high strands. It can roll 100mm billets to 18mm bars, in the range 28—18 diam. It can also roll equal leg angles from 25×25mm, to 60×60mm. Rating is 15,000t/year of angles, or 75,00t/year bars.

Capital: Authorized IL. 75,000,000 ordinary shares; IL. 12,368,000 deferred shares. Issued: IL. 32,132,000 shares; IL. 8,850,000 advances on account of shares.

Directors: U. Bar-Ratson, General Manager, J. Bernthal, Deputy General Manager.

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., 415 Madison Avenue, New York, N.Y. 10017.

Head Office: Akko, Industrial Area, P.O.B. 1708, Haifa; cables: Irgul Haifa; Tel. (04) 714171; Telex: 46393.

URDAN INDUSTRIES LTD.

Urdan Industries Ltd. is a group of companies which includes the following : —

a) A.S.F. — Steel Foundry.
b) Hatzor Metallurgical Works — Malleable Iron Foundry.
c) Urdan Machining (1975) Ltd.
d) A. Kupfer Ltd. — Automotive Fittings Products.
e) Rom Carmel — Motor Car Assembly Plant.

The above companies are specialised — each in its own field — in the metal industry.

a) **Associated Steel Foundries** produces castings for Heavy and Earth moving Equipment, Lining Plates for the Cement Industry, Machinery Cast Parts, Paper Mill Parts etc. The Foundry has specialised in high grade armoured steel, according to customers requirements. A most modern B.B.C. arc furnace enables the Foundry to supply parts up to 7 Tons weight.

An extremely well equipped Metallurgical Laboratory with sophisticated apparatus like GAMA, X-RAY, MAGNAFLUX, SPECTRO, etc. guarantees strict control and high quality products.

b) **Hatzor Metallurgical Works** produces mainly high grade Malleable Cast Iron Pipe Fittings, in sizes from ¼" up to and including 3". Furthermore, it casts all kinds of spare parts for Agricultural Machinery, Vices, Clamps, Rims, Tools etc. according to customers' requirements.

c) **Urdan Machining Ltd.** has the most up-to-date and sophisticated machinery for steel and other castings. High precision machining is the aim of this plant.

d) **Kupfer Ltd.** (and L.K.S. Ltd.) specialises in high quality Inlet — and Exhaust Valves for all cars. Furthermore, it produces Flexible hoses, Pressure Hoses and all kinds of accessories and fittings for the motor car Industry.

e) **Rom Carmel** is an assembly plant for automobiles with the well known, strong Fibre Glass Body and an excellent 1100cc or 1300cc Engine.

The above group of companies is owned by CLAL INDUSTRIES LTD. which belongs to the strong and well-known CLAL GROUP in Israel.

Ing. M. Tamari is General Manager of the group, while each Company has its own Sales Department.
The above enterprises employ over 900 employees and new development plans will call for still more workers.

Plants :
Netanya, Industrial Centre,
Tel. : (053) 38071-7
Telex: UASF 341822.
Hatzor, Industrial Centre,
Tel. : (067) 37878-9

Office :
Tel Aviv, 77, Rehov Yehuda HaLevi,
Tel. : (03) 625999, P.O.B. 2665.



ALLIANCE TIRE & RUBBER CO. LTD.

This enterprise is owned by American and Israeli shareholders. A-shares of the company are traded on the American stock-market in New York, B-Shares on the Tel-Aviv stock market. The A-shares are dominated by a Canadian investor, Mr. Joe Lewo, the B-shares are dominated by "Koor".

Consolidated capital and reserves of the Alliance group amounted in December 1976 to 196,214,092 IL. The Alliance group includes today the original Alliance Tire & Rubber Co. Ltd., as well as Samson Tire & Rubber Co.

The annual production capacity of the two enterprises amounts to approximately 4 million tire units. The sales volume of the Alliance group in 1977 reached some IL. 860 million IL. including exports to 50 countries in the amount of 41 million dollars.

The Alliance Company has 2,100 employees in its two plants.

Joe Lewo is Chairman of the Board of Directors of Alliance, Joseph Raanan is Vice-Chairman of the Board, President of Alliance and Chairman of the Samson Board of Directors. Joseph Levy holds the post of Vice-Chairman of the Board of Directors of Alliance.

Mordechai Greenberg is Vice-President — Operations and General Manager of Alliance, Hadera, and Raanan Efron is General Manager of Samson, Petah Tiqvah.

Hadera, Industrial Zone, P.O.B. 48,

Phone: 063-26050, Telex: 46222.

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 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, refuse compaction units; trailers; car parking systems; products of reinforced polyester; gas cylinders; electric lighting poles, etc

The technical department is composed of highly trained and experienced engineers. Workers and administrative staff number about 400.

The Merkavim plant is equipped with a wide variety of modern metal and woodworking machines and can cope with special orders in many fields.

The first export order of the car double-parking system was received this year from the U.S.

Current annual turnover for 1977 will reach $ 6 million as compared with $ 5 million in 1976, while sales for 1978 are expected to reach $ 7 million.

The Managing Director of Merkavim Ltd. is Mr. Aharon Gal, and the Chief Engineer is Mr. Walter Friendlander.

Factory: Kiryat-Arieh, Petach-Tikva. Phone : 923044.

Postal Address; POB 825, Tel-Aviv.

Cables: Merkavim, Tel-Aviv.
Telex : 341667 RMYM IL.
Att. Merkavim.

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 Company, Hyster 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 located in 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. and a paved area of about 5,000 sq. m. situated in Holon Industrial Center. The Haifa branch is situated in Haifa Bay on an area of 10,500 sy. m., with similar facilities.

New facilities are in process of construction in Kiryat-Biyalik. Total area of land 24,000 meters; couvered floor space 4,000 meters. The facilities will be opened before the end of 1978.

These facilities designed and built with the assistance of "Caterpillar" engineers are most modern and enable quick flow of parts & equip., shortening supply & repair time.

The present shareholders are: Israel Investors Corp.

Managing Director, Mr. Hillel Aldaag.

Holon, P.O.B. 214, 8 Hamanor Street; Tel. 807722; Telex 35547.

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.

EL. SAKER LTD.

SAKER סקר

Dealers in Israel for:
CATERPILLAR OVERSEAS S.A., SWITZERLAND — LIFT TRUCK DIVISION
BRODRENE VESTERGAARD, DENMARK
CHRYSLER OUTBOARD CORPORATION, U.S.A. — MARINE OUTBOARD MOTORS.

Haifa 31033, 33 Haatzmaut Rd., P.O.B. 33091. Tel. 04-641704 — 3 lines

ISAFOS ENGINEERING COMPANY LTD.

All kinds of Water Treatment / Plant and Chemicals / SILIPHOS against scale and corrosion

Agents of: Giulini Chemie GMBH, Ludwigshafen / Rhein West Germany / Karl Klein und Sohn, Mannheim, West Germany / Chemie und Filter GmbH, Heidelberg, West Germany.

GIVATAIM, 10, Hazanchanim Street — Tel. 258670

P.O.B. 79, Ramat Gan

ENGIPLAS ENGINEERING PLASTICS LTD.

"ENGIPLAS" is a private limited Co. which was founded in 1965 under the name of "Megachom Electrical Products Manufacturing Ltd.". Since May 1975 the Co. operates under its present name.

The growing demand for fluorocarbon products reflects their superior characteristics and performance.

Manufacturing techniques and close quality control at "Engiplas" were developed to bring to a maximum the outstanding characteristics inherent in the basic resins.

This accounts for our line of products, including semifinished products (rods, sheets, pipes) and finished (molded and machined) products, such as: bellows, o'rings, special gaskets and many more. Today ENGIPLAS products are being used in many new and exciting applications, among which are included the following uses: chemical processing, printing, packaging, materials handling, textile processing, paper production, food processing, electronics, chemical labs, manufacture of aircraft and airospace equipment.

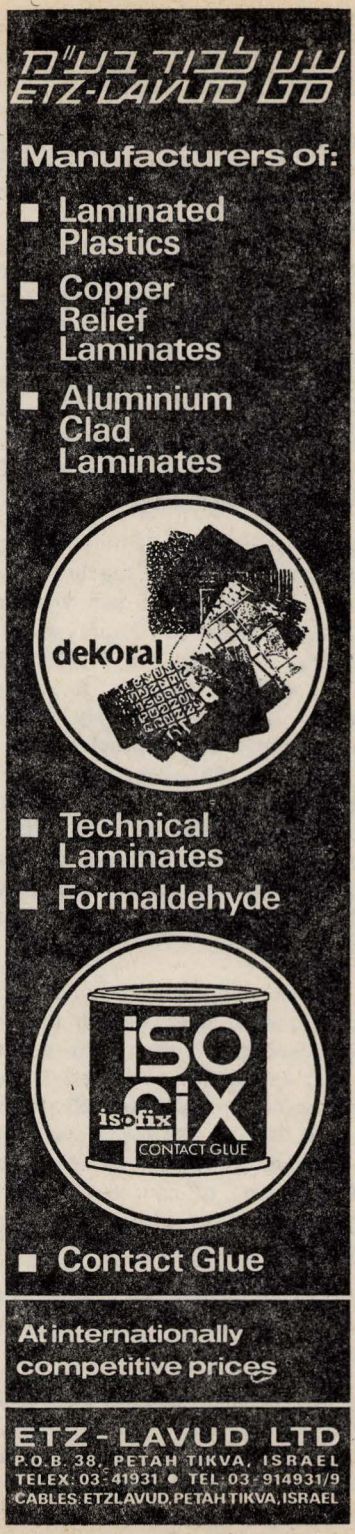
ENGIPLAS products are made of the following fluoroplastics materials:

P.T.F.E.; F.E.P.; P.V.D.F.; C.T.F.E.; P.F.A. The Company specializes in selling know-how and in giving sophisticated solutions to production problems of the chemical industry.

The Company employs 20 employees, mostly technicians.

The Managing Director is Mr. B. Simon.

The plant's address: Pardes Hana, Industrial Area, P.O.B. 125; tel. 063-79861; 79865.



AMERICAN ISRAELI PAPER MILLS LIMITED

The Company (in Hebrew "Mifalei Nyar Amerikayim Israeliyim B.M.") was founded on January 24, 1951 with production commencing in November 1953.

The Board of Directors consists of Messrs. Baruch Yekutieli (Chairman), Richard Armon, Mordechai Bernstein, Leo Contini, Leon Feffer, Max Freilich, Aba Fromchenko, John Furman, Moses B. Gitter, Baruch Gross, William Mazer, Joshua Rotenstreich, Israel Sacharov and A. Vita. The alternate directors are Messrs. Michael Pikielny and Dov Tadmor.

General Manager — Mr. Shmuel Rotem. The Company's first paper machine produced 14,000 tons of paper per year, at start-up. After changes and improvements, production was increased to 30,000 tons per year. Paper Machine No. 2 started production in 1960 — —yearly output 28,000 tons of paper. Paper Machine No. 3 was started up in 1967, producing 15,000 tons of paper per year. Paper Machine No. 4 started production in 1976 with a wide range of paper grades as well as fluting for the production of corrugated board and folding boxboard used for printed packaging.

The four paper machines have a total production output of over 120,000 tons of paper and board per year. Main grades produced are: Book, Bond, Offset, Duplicating, Newsprint, Sulphite and Kraft papers, Manifold, Bristol, Manila, a complete range of packaging papers, toilet papers and a complete line of household papers, tissue paper and fruit wrapping papers, fluting and folding boxboard.

The Company employs 1,200 people, and the whole group, including subsidiaries about 1,500.

The Company's shares are of one class, namely Ordinary Shares of IL. 1.- nominal value, bearing voting rights, and on record are approximately 6,500 shareholders, in Israel and abroad. Shares are listed on the Tel-Aviv Stock Exchange as Ordinary Shares and on the American Stock Exchange as ADR's (American Depositary Receipts), each representing ten Ordinary Shares. The symbol on the American Stock Exchange is AIP. The Mill is an Israeli "Approved Enterprise".

The Head Offices of the Company are located at the Mill premises, Industrial Zone, Hadera, Tel: 063-24582; Telex 46308, with a Tel-Aviv office located at 11 Carlebach Str., Tel-Aviv, Tel. 280251; Telex 33605.

"DORON CONTAINERS" Ltd.

The plant was founded in 1927 by the late Mr. Abraham Kliener. Since then the plant has developed in the field of Corrugated containers. The modern machinery is acquired according to needs and is of international standards.

Lately, the plant acquired knowhow for air Cargo, and another plant was added by the name of "Cont Avir" Ltd., which specializes in producing IATA Containers (triple layer containers).

The plant offers printing facilities up to two colours, including cutting and creasing platen in various sizes.

Among the services offered by the plant are packaging advisory and packaging accessories.

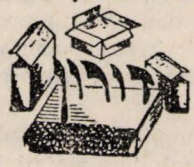
Most of the production is for the export industry.

The Managing Director is Mr. M. Kliener. Addresses: Bat-Yam, Aezor Hataassiah, 39, Havoda St., (By Artik); 2, Hayotzkim St., tel.: 862771, 879573, 863716.

„DORON CONTAINERS" Ltd.

Factory of Packaging Containers Made of Corrugated

. מיכלי דורון" בע"מ



A. BERNER & SONS LTD.

PHOTO SUPPLY

A. Berner & Sons Ltd., Tel Aviv, was founded in 1932 by Mr. A. Berner C.E., under the name of A. Berner Photo Supply Centre, agents and distributors of photographic cameras, materials and equipment for the photographic trade, representing well known manufacturers as Leitz, Ilford, etc.

The firm expanded and developed in further stages adding various departments such as microscopes and scientific equipment, X-ray films and accessories, photo laboratory equipment, cine cameras and equipment for amateurs and professionals. Today the company is engaged in the service of photography, science, medicine, industry and cine and is supplying various equipment to government institutions, universities, industry, defence, Ministry of Health, Kupat Cholim, Television Authority, schools, etc., giving technical advice and service.

In photographic lines for amateurs and professionals, they represent in Israel:

E. Leitz, Minox, Rollei, Linhof, Ilford-Ciba, Bolex, Paterson, and others; for microscopes, scientific instruments and laboratory equipment, they represent E. Leitz, Meteor, Fribo, Manfrotto, Bowens, Cinefot and Sickles Corp. U.S.A.

For X-ray, industrial films, chemicals and accessories: Ilford-Ciba, for cine professional cameras and equipment — Arri Arnold & Richter, Bolex.

Address: 15, Rothschild Blvd., Tel-Aviv; Tel.: 53421/59789.

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MICROBOX, Germany	Microfilm Equipment

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Tel. 55244/5, Cables: KARAT TELAVIV

אגרון בע"מ

Agron Ltd.

חברת אגרון לציוד, אחסנה ורהוט 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 ואצטבאות המתכת. לאחר מכן היו בין הראשונים שהתחילו לשווק את הרהוט הקל לבתים, מוצר עממי הבנוי מעמודי פלדה או עץ בשילוב מדפים, מכתבות, 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 ואצטבאות לאחסון במפעל, במחסן, במשרד ולצרכי בית, מגירות אחסון המתאימות 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, רהיטי ריפוד במבחר העשיר ביותר, 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 מפעלי מתכת, עץ ופלסטיק המייצרים ציוד אחסנה ורהוט משרדי במבחר עשיר ומגוון.

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.

בשנת ה־30 למדינת ישראל חוגגת חברת אגרון 20 שנה ליסודה.

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".

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.

הכתובת: תל־אביב, רח' החשמונאים 84, ת.ד. 3003, טל' 3־2־295131.

NECHUSHTAN WHOLESALERS and MANUFACTURERS LIMITED

Nechushtan was established as a partnership in 1924 and registered as a public company in 1930.

Nechushtan was 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 diaphragms valves, valves for chemicals. juices, milk and other special requirements.

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 supplies 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 consolidated capital and surplus of NECHUSHTAN WHOLESALERS AND MANUFACTURERS LTD. & NECHUSHTAN LIFT WORKS LTD. amounted in Sept. 1977 to IL. 15,907,175. Main shareholder: Dr. K.A. Moosberg (Chairman and Managing Director) and his family.

Preferred ordinary shares of NECHUSHTAN WHOLESALERS AND MANUFACTURERS LTD. are registered at the Tel Aviv Stock Exchange.

Main Office and Stores: Tel Aviv, 1 Jaffa Road; P.O.B. 1758; Tel. 50271 (nine lines); Telex: 33503. 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.

HEROUTH" LTD. MECHANICAL ENGINEERING

HEROUTH, was founded in 1919 by a handful of master-plumbers, all ex-servicemen of the Jewish Legion. Their aim was to execute mechanical installations in the building trade, and thus to contribute to the building of their homeland, which they helped to free.

Today Herouth, affiliated to the Solel Boneh Group, is the largest contracting firm (in this field) in Israel, and as far as known one of the largest in the world.

Herouth engineers and executes projects in all Mechanical trades such as sanitary installations, central comfort and industrial air conditioning, heating & ventilating plants, escalators & elevators, cold and hot water supply system, laboratory installations, electrical and control systems, water treatment, sewage systems & environment plants for ecological purposes.

New fields are continuously added and soon Herouth will also contract for the execution of cold storage & deep freezing plants. These large engineering projects are being

carried out all over the country by a team of about 200 engineers and technicians, 250 administrative employees and about 3000 skilled tradesmen.

Herouth's turnover for the year 1978 will amount to appr. 850 million IL. Besides contracting, Herouth is active in trade and industry. There are sales outlets in all major towns in Israel, retailing sanitary ware & accessories, pipes, glass sheeting, and other specialised equipment. The manufacturing facilities include the production of steam and central heating boilers, storage heating assemblies, domestic electrically heated cylinders, water softeners, insulating materials & solar heaters.

Recently Herouth contracted jobs abroad, and with a view to enlarge activities, branches of Herouth were established in Nigeria, Ivory Coast & Iran.

Thus Herouth expands continuously.

Managing Director :
Mr. Ami Hirschstein, Eng.
7, Yaffo Tel Aviv Rd., Tel Aviv,
Tel. : 50921, Telex: 33739 HRINT IL ;
Cables : "HEROUTHCO".

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VISHAY ISRAEL LTD.

2 Ha'Ofan St., Holon
P.O.B. 2502; Tel. (03) 808061
Telex : (03) 35435.
A subsidiary of
VISHAY INTERTECHNOLOGY INC. (U.S.A.)

Founded in April 1969 as an APPROVED ENTERPRISE, under the Law of Encouragement of Capital Investments.

A manufacturer of Electronic Resistive Components (High Precision Resistors and Trimming Potentiometers). A Science Based Industry active in Research and Development as well as Engineering and also engaged in Science Based Industry. Its products are highly sophisticated, most of them unique. Vishay's high precision resistors are a vital component in every electronic system where high reliability is essential. Most of the Company's products are used for application in Space Industries, Ballistics and Antiballistics, Weaponry, equipment for civil and military aircraft industries, computers, airborne navigational instruments, TV color cameras, space vehicles etc. Moreover, the Company provides equipment and Stress Analysis engineering services in the Photoelastic and Electronic fields.

Almost all the company's products are being exported. Export figures (calendar year) since the beginning of the Company are: 1969 — $ 80,000; 1970 — $ 170,000; 1971 — $ 700,000; 1972 — $ 2,100,000; 1973 — $ 3,500,000; 1974 — $ 4,500,000; 1975 — $ 3,000,00!; 1976 — $ 3,200,000; 1977 — $ 5,450,000.

Parent Company:
VISHAY INTERTECHNOLOGY INC. (USA)
Chairman of the Board of Directors :
Alfred P. Slaner
President & Chief Executive Officer:
Dr. Felix Zandman
VISHAY ISRAEL LTD.
President and Chairman of the Board of Directors : Moshe Shamir.
Vice Presidents: Avram Inbar and Michael Arad.

A.E.I. 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 750 employees, of whom 80 are graduate engineers and 260 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.

Turnover for 1977 was IL. 155 million, of which 10% was devoted to Research and Development.

Managing Director : Zalman Shalev

Director of Marketing : Moshe Nissim.

Address : 48 Mivtza Kadesh St., Bnei Braq, 51203; Telephone : 03-782141, 03-787131; Telex : 33553.

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ELTA ELECTRONICS INDUSTRIES LTD.

Elta Electronics Industries Ltd. is a subsidiary of Israel Aircraft Industries Ltd. employing a staff exceeding 1500 employees, including 240 engineers and scientists and more than 525 qualified technicians.

The company is located in a modern plant in Ashdod, with a working area of 200,000 sq.ft.

Elta is involved in a wide range of programs, exploiting its capability in design, development and manufacture of electronic equipment and systems to meet advanced military and industrial requirements.

Current activities include:

Aviation Communication Systems (Portable, vehicle mounted, shipborne and airborne UHF transceivers and field test equipment).

Radar Systems

ATC Radars for medium sized airfields

Military Radars for:

— forward airfields
— coastal protection
— mobile application
— naval application
— airborne application

Command & Control Systems

Military Computer Systems

Computer Communication Systems (intelligent stored program terminals and peripherals, printers and data modems).

Electronic Components and technologies (Transformers, edge lit panels, Hybrid thin and thick film microelectronic modules, printed circuit boards).

Principal Officers are:
M. Ortasse, Managing Director
T. Avidan, Deputy Managing Director
N. Levy, Deputy Managing Director R. & D
J. Paz, Director of Marketing & Sales

Ashdod, P.O.B. 330, Tel. 055-31155
Telex: ELTA ASHDOD 31807
Cables: ELTASHDOD

ELTA ELECTRONICS INDUSTRIES LTD.
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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 four 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, military air conditioning units for mobile communication systems, and bus air conditioners.

Production has started in 1974 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

Plant and office: New Industrial Zone, Upper Nazareth; Tel. (065) 56347.

MEGATRON ELECTRONICS & CONTROL LTD.

MEGATRON ELECTRONICS & CONTROL LTD. was founded in 1972. The company is mainly engaged in designing, manufacturing and marketing equipment for control and monitoring.

The aim of the company is to manufacture and supply equipment of high quality at reasonable price

The standard products of the production department are :

Annunciator Systems

Alarm Modules, Set Point units, Logic Modules, Controllers and many other electronic equipment according to customers specifications.

MEGATRON is also an engineer. representative and distributor of about 30 foreign firms whose equipment is complementary to the own production. This enables Megatron to supply complete package deal for control and monitoring projects.

The main clients of the company are: The Chemical and Petrochemical and Process Industries, Oil refineries, Utilitise, Food Industries, various Government Department, Shipping and Transportation Companies etc.

The high quality of the products, the low prices, due to the low overhead expenses made the company the main and largest supplier of annunciator systems in Israel. In order to enlarge the sales volume great efforts were made to penetrate to the export market.

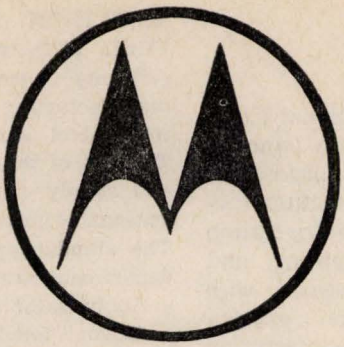
The company participated in the Electro-76 show in Boston. As a result distribution agreements for 6 different territories were signed. The company is as well represented in Europe.

The dynamic staff of the company with its great efforts and the usage of advanced technologies leads the company to remarkable achievements in a relative short time.

Managing Director of Megatron is Mr. Tuvia Granote.

address: 23 Illanot St., P.O.B. 1719, Haifa.
Tel. 04-88835, 82374 — Telex 46400 Attn. 8048,
Cable Address: Megatron, Haifa.

MOTOROLA ISRAEL LTD.



16 Kremenetski Street
Tel-Aviv 67 899
P.O.B. 25016
Tel. 38973

MANUFACTURER OF:
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PAGING SYSTEMS.
SUPERVISORY & REMOTE CONTROL SYSTEMS.
DIGITAL ALARM & CONTROL SYSTEMS.
DATA TRANSMISSION & TELEMETRY SYSTEMS.
ELECTRONIC SWITCHING SYSTEMS.
COMPUTERIZED IRRIGATION CONTROL SYSTEMS.
MILITARY ELECTRONICS.

ELECTRONICS & ENGINEERING

DIVISION OF **MOTOROLA ISRAEL LTD.**

SOLE AGENTS, SALES & SERVICE, COMMERCIAL & TECHNICAL REPRESENTATIVES OF:

MOTOROLA INC. USA (Semiconductor Group)	★ Semiconductors, Diodes, Transistors, SCRs, Integrated Circuits, Linear ICs, Digital ICs, Optoelectronic Devices, Microprocessors, Memories, CMOS, RF, and LSI Devices.
HEWLETT PACKARD CO. . .	★ Electronic Test and Measurement Instruments; Computer and Calculator Systems; Medical and Analytical Equipment and Components.
ACCO (Bristol Division)	★ Industrial Instrumentation.
EXCELLON INDUSTRIES . . .	★ Printed Circuit Board Drilling Systems.
ICS (INSTRUMENTATION & CONTROL SYSTEMS) INC. . .	★ Medical Instrumentation.
LORLIN	★ Automatic Transistor Testers.
SOLA BASIC INDUSTRIES . . .	★ Constant Voltage Transformers, Constant Wattage Ballasts.
TEMPTRONIC INC.	★ Wide Temperature S.C. Test Equipment.
CAMSCO	★ Automated Systems for: grading, marker making, fabric inspection and cutting in the soft goods industry.
WESTINGHOUSE ELECTRIC Corp. Computer & Instrumentation Div.	★ Industrial Instrumentation (Veritrac Products).

MOTOROLA ISRAEL LTD.

Motorola in Israel has been prominent in the communications field since its establishment in 1948. In 1964, MOTOROLA ISRAEL LTD. was formed as a partially owned licensee, and began manufacturing under license the internationally-known Motorola two-way radio equipment. Today, Motorola Israel is a wholly owned subsidiary of Motorola Inc., and is engaged in the production, marketing, and servicing of products which are manufactured under license, as well as locally developed. In addition to its activities in Israel, the firm's marketing operations overseas are carried out throughout the African Continent, as well as in the USA, Canada, Europe and Iran.

Presently, MOTOROLA ISRAEL employs about 900 workers, some 30% of whom are experienced engineers and trained technicians. Its main facilities are located in central Tel Aviv, and comprise about 16,000 sq. m. of floor space.

In 1977, MOTOROLA ISRAEL's sales turnover totalled $ 29.7 m., while 1978 sales were $ 33 million — as forecast. Of these figures, exports accounted for $ 15 million in 1977 and reached $ 17 million in 1978

In 1978, Motorola Israel's locally-developed products accounted for 15% of the total manufactured product.

MOTOROLA ISRAEL's diverse production activities are structured into three major divisions: Communications; Data & Control; and Government Electronics. A fourth division, the Electronics and Engineering Division, is responsible for the sole representation in Israel of leading foreign manufacturers of highly technical electronic and scientific products.

MOTOROLA ISRAEL's Communications Division is responsible for the production, development, sales, maintenance and service of two-way radio equipment. Its wide variety of equipment and systems includes base stations, repeaters, land mobiles, portables, and pocket-sized paging receivers. Power output ranges from 1 W to 375 W, and products are manufactured in VHF, low band, mid band, high band, UHF, and HF SSB.

The firm is Israel's only manufacturer of civilian two-way radio equipment. Its products and systems are used in all areas of the nation's economy: commerce, transport, heavy and light industry, security, defense, municipal services such as fire and police departments, utilities such as fuel and electricity distribution, in agriculture, and in a host of other vital applications. Some of these products and systems include: command and control systems, computer-aided dispatch systems for vehicles, voice security networks, mobile high-power siren systems, and alarm-monitoring systems for agricultural environments such as fish or poultry breeding areas. MOTOROLA ISRAEL owns a repeater network which covers the entire country.

All design, development, and production processes of the Data and Control Division are based exclusively on local know-how for products aimed at worldwide export, in addition to local distribution. These products include: alarm and control systems, computerized irrigation control syst. milit. and civil command and control centers, data transmission and processing systems, voice frequency telegraph equipment, and special purpose modems for civil and military use.

This Division's world-renowned Intrac 2000 Family consists of a product line of status and control units which provide continuous status and alarm point monitoring of equipment at supervised and at unattended sites. MOTOROLA's computerized irrigation system enables advance planning of irrigation schedules, and monitors flow limits with accuracy and reliability. It needs no power sources in the field; in case flow limits are exceeded, the system can "order" the immediate closing of a faulty lateral.

MOTOROLA ISRAEL's Government Electronics Division manufactures under license in Israel products which were designed for military purposes by Motorola Inc. in the USA.

While not directly concerned with manufacture, MOTOROLA ISRAEL's Electronics and Engineering Division markets sells and provides full and continuous technical support for products which are manu-

factured by Motorola Inc.'s Semiconductor Group in the USA. This Division also represents in Israel foreign manufacturers such as: Hewlett Packard, Bristol, Excellon, Sola, Westinghouse, and others, and provides technical support for their products as well.

TEL RAD TELECOMMUNICATION & ELECTRONIC INDUSTRIES

Industrial Center, P.O.Box 50, Lod

Colonel (Res.) G. Golan, Managing Director

Telrad Telecommunication & Electronics is owned 74% by Koor Industries and 26% by the consolidated Near East Company. Its products listed below include Telephones and Telephone Systems, Public and Private Automatic Exchanges Command Control Systems and Miscellaneous Electronic Equipment.

Telrad employs 1200 people and its sales reached 240 Million IL. in 1977.

Telrad's products include:

- Stowger and Pentaconta Main Exchanges
- Full Electronic PABX'S
- Crossbar PABX'S
- Telephones and Telephone Systems
- Special Military Telephones and Switchboards.
- Frequency Synthesizers Strip Chart Recorders.

MILES – YEDA LIMITED

Established in 1967 as a joint enterprise of Miles Laboratories, Inc., Elkhart, Ind. and Yeda Research and Development Co. Ltd., Rehovot.

Miles-Yeda's laboratories and manufacturing facilities are located at the science-based industrial park adjoining the campus of the Weizmann Institute of Science. The purpose of the company is to supply the world's scientific community with products based on investigations conducted in Israel.

At present, following groups of products are produced:

a) Immuno-Chemicals, Steroids Hormone Antisera, Biological Labeled Antisera;

b) Human Control Sera for diagnostic purposes;

c) Biochemicals — Lectins;

d) Peptides, Poly and Copolymer Affinity Chromatography Media.

Over 90% of sales are export sales. The Research group of Miles Laboratories, Inc. is marketing Miles-Yeda products, worldwide.

Miles-Yeda employs over 65 people, 30 of them academically trained personnel. Sales reached in 1977 the $ 1,150,000 mark. In 1973 the company was granted "The Outstanding Exporter" award.

Dr. Moshe Rashi is the General Manager of Miles-Yeda Ltd.

Kiryat Weizmann, Rehovot, Israel; Tel.: (054) 70425/6; Telex: 31930 MIYED IL.

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: Mordecai Ayalon, C.E., F.A.S.C.E.

Bankers: Bank Leumi Le-Israel, B.M., 100 Dizengoff St., Tel Aviv.;

Address: Institute for Planning and Development (1970) Ltd., 18 Wissotzky St., Tel-Aviv, Tel. 454176. Cables: DIPINST. Telex: 32337 IPD IL.

INSTITUTE for PLANNING and DEVELOPMENT (1970) LTD.

18 WISSOTZKY ST., TEL AVIV, ISRAEL
Telephones: (03) 454176 Cable: DIPINST
Telex: 32337 IPD IL

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 six regional service bureaus: the central service bureau in Tel Aviv, as well as bureaus in Haifa, Jerusalem, Ashdod, Arad and Acre. 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 600 persons, of whom some 120 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. **Sol-Mal Processing Center Ltd.**, concentrates on the execution of all data processing applications for the Solel Boneh Concern throughout the country, and for others.

5. **M.L.L. Time Sharing Services Ltd.** (SHAZAM), supplies Time Sharing Services & Tele-processing applications.

6. **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 products industries.

General Managers: Arie Shemesh, Amiram Shore.

Head Office: 12-14 Carlibach St., Tel-Aviv. Tel.: 217221-9.

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 Control Data acquired the Government's share in Elbit and the company became a subsidiary of CDC. Today CDC is the major shareholder with 51% of the shares, 43% are owned by Elron and the remaining shares are held by key-personnel. 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 and make use of a wide range of peripherals with extensive and advanced software. The company has geared 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 1300 employees, which provides challenging opportunities for Israel-trained and new immigrant professionals in the fields of engineering, system analysis, administration, marketing, and manufacturing. The main facilities of the company are at 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. 04-514211; Telex: 46-774.

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 25 years of activity YA'AL consultants have carried out assignments for more than 150 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 some 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.
R. MAOR, B.Sc.
D. YEROUHAM, B.Sc.,

Address for correspondence:
YA'AL ASSOCIATES LTD.,
P.O.Box 21182, Tel-Aviv 61210, Israel.
Phone: (03) 44 82 79.

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 channels: Study days; spec. conferences, symposia, seminars, training courses; branch activities, group activities; study groups; study tours; "luncheons".

Special activities: Management Studies Centre, 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 "Hevrat Ha-Ovdim" (highest supervising body of the Histadrut — owned economic enterprises), 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 3 branches: in Jerusalem, Tel-Aviv and Haifa.

The branches carry out independent activities in addition to the country-wide activities initiated by the central committees.

After 19 years of its existence, IMC has reached a membership of about 4,000 managers from all branches of management in Israel's economy.

Chairman of the Board of Directors: Ariel Amiad, General Manager, Israel Electric Co. Ltd.

General Manager: Alexander Goren.

General Secretary: Eliezer Jacoboviz.

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 234863.

Haifa branch: Derekh Ha'atzmaut 82, P.O.Box 33033, Phone 640678.

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. 1109; Tel. 612480

INSTITUTE FOR THE GUIDANCE of PERSONNEL MANAGEMENT Ltd.

"T.I.L." is a private institute which was founded in 1961 for the purpose of giving to organizations professional counselling on issues of personnel management and to individuals vocational guidance.

More than 650 industrial and service firms — private, public, and governmental — and even Kibbutzim and Moshavim have got the institute's counselling in selection and placement of candidates.

About 5000 people were given vocational guidance and counselling.

The selection and vocational guidance are based on extensive and diversified battery of psychological tests.

During the 17 years of its existence the institute tested 33000 men and women (Age 14 and above).

Besides selection and placement of workers, the institute does personnel surveys and counselling to managers on matters of management and organization, especially on all issues concerning personnel management. The Institute developed new theories and models that were applied in organizations and proved their efficiency. This was done in many small and large firms and institutions, both public and private.

Special interest is given in the institute to research work and innovations in the field it deals with. The institute employes a professional and well trained staff which enables it to raise and test new ideas and tools constantly. The institute staff of 35 professional workers include psychologists, sociologists, statisticians, social workers and administrative staff.

The founder and managing director of the institute is Mr. Jacob Ben-Dor, a sociologist and social worker with many years of experience in personnel selection in the IDF and the civilian field.

8 Esther Hamalka St., Tel-Aviv; Tel.: 227141/2.

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 2 main lines: Valves and Drains.

In the line of Valves: butterfly valves in diameters up to 60", globe- and gate-valves, non-return valves, air-valves, various types of fire hydrants, pressure-reducing and -regulating valves, thermostatic valves.

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:

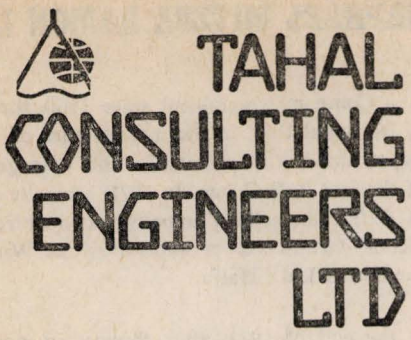
- In Mitzpe Ramon: production of Butterfly and small-sized Gate-valves.
- In Haifa Bay: production of large-sized Gate-valves, Butterfly Valves, Drains.
- In Holon: production and assembly of Pressure reducing and -regulating valves. Thermostatic valves.

The marketing activities comprise a still larger range of Accessories for fluids-handling, manufactured by affiliated firms or imported.

The company exports to the U.S.A., France, Germany, Greece, Iran and South Africa.

The General Manager is Mr. Eliashiv Rosenzweig, Dipl. Ing.

The Company's Head Office is in Holon, 23 Hamelaha St., P.O. Box 1796; Tel.: 03-809555; Telex: 03-5551 Xumeil.



Tahal Consulting Engineers provides consultancy services in almost the entire complex of engineering and associated disciplines. It offers a complete portfolio of services ranging from preliminary reconnaissance surveys, pre-investment studies, master plans, bankable feasibility studies, financial and commercial analyses, planning, design, supervision of construction, contract management, personnel training, and follow-up of project implementation. Over the past 25 years of its existence, TAHAL has gathered together a staff of some 800 profes. personnel specializ. in all fields of the Company's diverse operations. TAHAL also undertakes its own research programmes designed to pioneer new processes and systems and is able to call upon the services of leading research institutions and scientists for further refinement and development of its laboratory and field studies.

The professional esteem in which the Company is held can be gauged by the fact that its projects are distributed over some 40 countries in Latin America, Europe, the Middle East, Africa and Asia, and that it has been retained as consulting engineer for numerous projects sponsored and financed by leading international agencies such as IBRD, IDB, FAO, and WHO.

The Company maintains branch offices in numerous countries and enters into joint ventures with local engineering organizations.

The company acts as the official Planning Agency to the Government of Israel on the development and management of the country's water resources and the planning and design of national and regional water supply and sewerage systems; it also serves as consultant to various ministries on the planning and design of national and regional projects such as highways, airports, development of tourism, and integrated and basin development, etc.

In addition to its specialized departments and project teams, the Company maintains a number of groups engaged in : civil, mechanical, electrical and hydraulic engineering design; computer studies (for which it maintains its own computer centre); geological and geotechnical surveys and associated surveys; corrosion prevention services (inclusive of cathodic protection), and laboratories for testing of soils, water, and construction materials.

CONSULTING SERVICES IN :

- WATER RESOURCE DEVELOPMENT AND MANAGEMENT
- URBAN AND REGIONAL WATER SUPPLY AND WATER TREATMENT
- AGRICULTURAL DEVELOPMENT
- IRRIGATION AND DRAINAGE
- INTEGRATED PLANNING
- SEWERAGE AND SEWAGE
- OIL AND GAS CONVEYANCE RECLAMATION AND STORAGE
- FLOOD PROTECTION AND CONTROL
- HIGHWAYS AND BRIDGES
- INFRASTRUCTURE
- SPECIAL ECONOMIC STUDIES
- DEVELOPMENT OF TOURISM
- SYSTEMS ENGINEERING AND MANAGEMENT STUDIES
- POLLUTION CONTROL
- AIRPORTS
- INDUSTRIAL PLANNING AND DESIGNS
- MARINE INSTALLATIONS
- DESALTING

Head Office :
54 Ibn Gvirol St., Tel Aviv; P.O.B. 11170
Tel. : 263-263; Telex : 033-654

THE ISRAEL ELECTRICAL CORP. LTD.

A TEN-YEAR SURVEY

	1966/67	1971/72	1976/77	growth from Percentage 1966/67 to 1976/77
POPULATION, at year's end (thousands)	2,669	3,120	3,591	+ 34.5
GENERATION				
Installed Capacity, at end of year (MW)	867	1,410	2,157	+ 148.8
Peak Load (MW)	760	1,304	1,711	+ 125.1
Electricity generated (Million kWh)	4,514	7,608	10,125	+ 124.3
Load Factor (per cent)	71.6	67.4	67.6	
Average Fuel Oil Consumption (Grams per kWh)	270	249	238	— 11.9
Average Heat Rate (kcal per kWh)	2,623	2,428	2,296	— 12.5
TRANSMISSION AND DISTRIBUTION SYSTEM (Estimates)				
E.H.V. Lines (km)	1,231	1,598	1,868	+ 51.7
H.V. Lines (km)	5,510	6,733	8,430	+ 53.0
L.V .Lines (km)	5,666	6,270	7,354	+ 29.8
Distribution Transformers (MVA)	1,905	2,792	4,714	+ 147.5
ELECTRICITY SALES (Million kWh)				
Industrial	1,253	2,207	2,969	+ 137.0
Water Pumping	969	1,435	1,580	+ 63.1
Domestic, Commercial and other	1,627	2,936	4,391	+ 169.9
Total Electricity Sales (Million kWh)	3,849	6,578	8,940	+ 132.3
CONSUMERS, at end of year (thousands)				
Domestic	679.1	815.9	1,002.5	+ 47.6
Agricultural	4.0	4.6	5.8	+ 45.0
Commercial	95.0	111.7	108.5	+ 14.2
Industrial	19.7	22.6	25.4	+ 28.9
Water Pumping	3.4	3.7	5.6	+ 64.7
Total Number of Consumers	801.2	958.5	1,147.8	+ 43.3
AVERAGE ANNUAL CONSUMPTION PER CAPITA (kWh)	1,449	2,199	2,519	+ 73.8
MANPOWER				
Number of Permanent Employees at end of year	5,348	5,320	6,074	+ 13.6



Israel Chemicals Ltd.

Israel Chemicals Limited (ICL), is a chemical concern owned by the Government of Israel.

The companies of the ICL Group are active in the development and processing of local mineral deposits into raw materials and chemical products. Their operations are integrated and inter-connected mainly in the inorganic chemical industry. Through its subsidiary companies, ICL has at its disposal the technology, manpower and raw materials required for the production of a wide range of products. This potential includes chemical intermediates and sophisticated end products of a volume far greater than that of present production.

Products are mostly sold in the international market. Some of them are utilized locally, as a basis for further processing, for domestic fertilizers and chemical requirements. Present development programs call for further intensification of processing to increase the variety of products and expand the scope of operations.

ICL is in a period of expansion and development and looks forward to cooperating with foreign firms in trading, joint ventures and exchange of know-how. In order to advance efforts to increase sales to the European Common Market the company has, in addition to representative offices, direct and indirect interests in European chemical companies which act as contacts with the European chemical industry and are consumers of ICL's raw materials. In addition to this intensified trade in the European market, ICL has undertaken projects in North and South American expanding its activities in these areas.

The ICL Subsidiaries based on Israeli raw materials :

Dead Sea Works Ltd.
Dead Sea Bromine Ltd.
Bromine Compounds Ltd.
Negev Phosphates (1966) Ltd.
Fertilizers & Chemicals Ltd.
Dead Sea Periclase Ltd.
Negev Ceramic Materials Ltd.

Details concerning these companies appear following.

Other subsidiaries include the following :

— TIMNA COPPER MINES LTD.

As a result of the decline in copper prices and rising production costs, the mining of copper and the production of copper cement by TIMNA were discontinued in March 1976. The TIMNA installations are being maintained in order to enable resumption of operation when economic conditions permit.

ZION CABLES — UNITED WORKS LTD.

Manufacture power cables of up to 11 Kv, flexible cords, telecommunication cables and copper rods. Plants are located in Sderot, Rishon-Le-Zion and Eilat.

TRANSPORTATION ENTERPRISES LTD. (TOVALA)

Provides inland transport services for the ICL group, operating about 200 trucks.

— IMI — INSTITUTE OF RESEARCH AND DEVELOPMENT

Serves as the research center for ICL. Develops new technology and new processes in the main lines of ICL's activities.

IMI employs 110 scientists and technicians. Members of the ICL Board of Directors are nominated by the Government. The Chairman of the Board is Mr. Chaim Gvati (former Minister of Agriculture and Development). The Managing Director General (Res.) M. Makleff deceased Feb. 1978. The Managing Dir. of ICL, or one of his deputies ,serves as Chairman of the Board of Directors of each of the subsidiary companies. Each subsidiary has a Board of Directors, and its management retains control of day-to-day operations.

In 1977 approximately 4,500 people were employed within the ICL Group.

For the year ending March 31, 1977, ICL's consolidated sales were IL. 1,800 million, of which exports reached $ 111 million.

Israel Chemicals Ltd. is located at 123 Hahashmonaim St., P.O.B. 7164, Tel Aviv, Telephone : 03-253364, Telex : 33874, Cables : Ischemical.

DEAD SEA BROMINE COMPANY LTD.

The Dead Sea Bromine Company Limited was founded in 1955 to produce bromine from the highly concentrated brines of the Dead Sea. Most of the bromine produced at the original Sdom plant, on the shores of the Dead Sea, was exported either as elemental bromine or ethylene dibromide. In 1960 Bromine Compounds Ltd. was established to process bromine into organic and inorganic compounds. Its production plant, located in Beer-Sheva, began operations in 1963 and rapidly expanded its output until it utilised about 45 percent of the bromine produced at Sdom.

During 1977-78 four major projects were completed which enabled Israel's bromine enterprise to consolidate its position as the world's second largest bromine producer. At Sdom a new chlorine production facility was constructed to provide the company with its own assured supply of the main raw material used in bromine extraction. In addition, the original bromine plant was enlarged to significantly increase production capacity of elemental bromine. A large, technically sophisticated bromine compounds plant was erected in the newly-inaugurated industrial park at Ramat Hovav, several kilometres from Beer-Sheva. This plant will more than triple output over the existing compounds plant which it replaces, and will utilize about two-thirds of the expanded bromine production from Sdom. To better serve its customers in the Common Market area, the company constructed a bromine compounds plant, Broomchemie N.V., at Terneuzen in the Netherlands. Producing mainly compounds and derivatives that are not made in Israel, this plant uses Dead Sea bromine together with chemicals mainly European-produced. The Dead Sea Bromine Company Ltd. and Bromine Compounds Ltd., though retaining their separate legal identities, are merged under one management as the Dead Sea Bromine Group. To centralize all administrative functions, the Group has constructed Bromine House, its own office building, located near the offices of the Dead Sea Works Limited in Beer-Sheva. The Dead Sea Bromine Group maintains a vast marketing network, selling to more than 60 countries, with the European community representing the principal market, followed by Africa, Japan and the United States. An international pace-setter in world shipment of bromine, the DSB Group designed its own special isotanks that hold about 14 tons of bromine each, and can be moved and loaded by conventional container handling equipment. These special tanks are used extensively in the Group's world-wide export program. In addition to elemental bromine, the Dead Sea Bromine Group is one of the world's major suppliers of bromides for soil and space fumigation in agriculture, as flame retardants for plastics in manufacture of pharmaceuticals, dyes, photographic chemicals, pulp and paper chemicals, as a disinfectant for water treatment, and many other uses.

Within its sales organization the Group maintains two sections specializing in product development and customer service: an Industrial Department concerned with all industrial uses of bromine, and an Agricultural Department which has pioneered new and better ways of effectively dealing with a variety of world farming problems. Up-to-date technical service is provided by the Group's teams of agronomists, industrial chemists, and specialists in various fields, who assist customers all over the world. The Dead Sea Bromine Group's growing Research & Development Department has moved to its new laboratory complex, and continues to explore avenues for diversification and development in the use of bromine compounds.

The Dead Sea Bromine Group operates internationally through wholly-owned companies, joint ventures, and representative offices located in key world commercial centers.

The Dead Sea Bromine Company Ltd., is a wholly-owned subsidiary of the Dead Sea Works Ltd. Bromine Compounds Ltd., is jointly owned by the Dead Sea Bromine Company Ltd., and Dead Sea Works Ltd. These companies are all members of Israel Chemicals Ltd.

Managing Director: Zwi Waldman
Address : P.O.B. 180, Beer-Sheva, Israel.
Tel. : (057) 65111, Cables : ISRABROM,
Telex : 5321/5335.



NEGEV PHOSPHATES (1966) LTD.

The Company, owned by the Israeli Government, was founded in 1952, for the purpose of mining and beneficiating rock phosphates located in the Northern Negev. The phosphate reserves in this area are estimated to be over 300 million tons, suitable for open pit mining and beneficiation.
Different beneficiation process are carried out in four plants :
Oron, Zin, Machtesh, Arad.
A big Mining Division is in charge of mines development and of the supplying of raw materials and heavy mechanical equipment to the plants.

Products :

- ★ Calcined Washed phosphate — high grade phosphate, mainly used for phosphoric acid production.
- ★ Washed phosphate — low chlorine, for phos. acid production — from Zin Plant.
- ★ Mechanically beneficiated phosphate — various grades — for super-phosphates.
- ★ "PHOSMAK" — reactive phosphate (granulated or powder), for direct application.
- ★ "D.F.P." — Calcium phosphate (defluorinated) — Mineral phosphorus supplement. Animal feed additive.
- ★ Arad Phosphoric Acid — Technical grade acid of high purity.

80—90% of the production is exported to many countries all over the world.

Total production :
1977 — Over 1.4 million tons.
1978 — Estimated to be 2 million tons.
When the new Zin plant will reach its full capacity — in 1979 — the total production will amount to 3 million tons per annum.

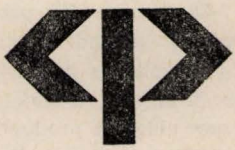
Total income :
1977 — 610 million IL. including 47 million dollars.
The sales prospect for 1979 is over 100 million dollars.

The Company employes 1400 workers. Most of them live in the Negev towns of Yerucham, Dimona, Arad and Beersheva.

Mr. P. Carmi is managing Director of Negev Phosphates Ltd.

Mr. M. Makleff, Chairman of the Board of Directors, deceased February 1978.

Head Office :
Oron — P.O.B. 435 — DIMONA,
Tel. : (057) 59631-4, Telex : 5261.



FERTILIZERS & CHEMICALS LTD.

Fertilizers & Chemicals Ltd. in Haifa Bay was founded as a private enterprise in 1946. The firm was originally intended to convert potash from the Dead Sea into potassium sulfate for export, utilizing by-product hydrochloric acid for the production of dicalcium phosphate. When phosphate deposits were discovered in the Negev in 1950, the government joined in as an active partner in order to develop the company as an integrated basic chemical industry. Fertilizers and Chemicals is now part of Israel Chemicals Ltd., the holding company of most of the government owned enterprises in the field of inorganic chemistry.

Steady development has resulted in a chemical complex covering an area of 150 acres, consisting of over 20 plants manufacturing some 60 different products, and employing about 1000 people.

The main field of activity is fertilizers. The

company has made Israel's advanced and sophisticated agriculture self-sufficient in all types of fertilizers. Due to the special requirements of local agriculture, the emphasis is on nitrogen and phosphorus fertilizers. The line of solid fertilizers in granular, prilled and powdered form comprises mainly enriched superphosphate, ammonium sulfate, urea, calcium ammonium nitrate, ammonium sulfate nitrate and potassium sulfate, as well as some compound fertilizers. Following the trend in developed countries, the volume of liquid fertilizers is constantly growing in absolute terms and also as part of total fertilizer consumption. The binary formulations in this line now contain orthophosphate, but in the near future will be based on polyphosphate, which will result in higher concentration and improved quality.

Fertilizers & Chemicals supplies the basic heavy chemicals which are required as intermediates for the Israeli chemical industry, such as ammonia, nitric acid, sulfuric acid, phosphoric acid and hydrochloric acid.

The spectrum of products is broadened by feed additives, industrial gases, organic and inorganic chemicals. Some of these products involve specialized technology and application know-how, such as urea phosphate, sodium tripolyphosphate, licorice extracts and fluorine salts.

Fertilizers & Chemicals has a very active Research & Development division. In collaboration with the Production and Engineering divisions there is a constant drive for process and product improvement in the field of feed additives, specialty fertilizers, fluorides and other areas.

Turnover in 1977/78 was IL. 650,000,000 of which approximatevly 20% were exports.

P.O.B. 1428 Haifa, Tel. : 04-721381,

Telex : 45143, Cables : FERCHEM.



NEGEV CERAMIC MATERIALS LTD.

Negev Ceramic Materials Ltd. was established in 1953, to exploit and supply raw materials from the Negev for the ceramic, refractory and glass industries.

The quarries, for which the Company has a sole concession from the State of Israel, are located in the Ramon Crater (various clays) and the Hatira Crater (Quartz Sand).

During the first years of operation, quarrying and loading were carried out manually, and the materials were sold in their raw state.

As of 1960, geological surveys were carried out by the Geological Institute, and vast reserves were located and secured for the future.

During 1964-67 a plant was erected in the Ramon Crater, for upgrading and calcining clays. Most of the main product, calcined flint clay, is being exported.

Another plant, for the upgrading of Quartz Sand, has been completed recently. Two more plants — one for activating Bentonite and another one for Ceramic Milling, are in the process of being erected.

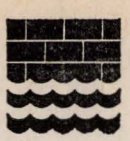
The Company is now working on further plans for locating, exploiting and developing local raw materials, such as Albite, Feldspar Sand, Nubian Sand and White Lime Stone.

In 1975, the shares of the Company, which were in the possession of the Israeli Government, were transferred to Israel Chemicals Ltd.

In 1976/77 the sales of Negev Ceramic Materials totalled IL. 23,226,118.— of which IL 12,074,923.— were from export.

Acting Managing Director: Mr. A. Shenberg

Head Office: Beersheva, 26 Yair St.
Tel. : 057-77172/3.



DEAD SEA PERICLASE LTD.

DEAD SEA PERICLASE LTD., a member of the Israel Chemicals Ltd. group, produces high purity grades of magnesium oxide for refractory and specialty uses. The major application of magnesium oxide is as a raw material for basic refractory bricks used in lining steel-making furnaces. The harsh conditions prevailing in modern steel-making processes require furnace-lining materials of high purity and mechanical strength and of low porosity. Dead-burned magnesium oxide (periclase) produced by DEAD SEA PERICLASE LTD., is a purer material (at least 99% magnesium oxide, less than 100 ppm boron) than competitive raw materials currently available, and has a high bulk specific gravity (about 3.40 g/ml).

This unique combination of purity and density has led to its use in the steel industry to increase the number of heats per furnace. Field results have shown that the product is particularly outstanding in retention of mechanical strength at high temperature. Thus, the product is also used for specialty refractory applications such as electric arc furnaces, slide gates, nozzles and other high wear areas.

For non-refractory purposes, calcined magnesium oxides are available. Low contaminant levels make these materials suitable for use in the pharmaceutical, agricultural, feed additive and rubber fields, as well as a raw material in the chemical and ceramic industries.

Both Israeli and Austrian know-how has been exploited in the company's plant, which has an initial capacity of 55,000 tpa. The heart of the operation is a unique decomposition reactor, resembling in principle a spray dryer, invented by the Israeli scientist, Dr. Y. Aman.

Technical description: The raw material in the production of periclase is the unique brine of the Dead Sea which is pumped to the plant from Sodom. The plant may be divided into the following three sections :

1) Aman Reactor: Heated, preconcentrated brine is sprayed into a reactor chamber where the action of heat upon the solution converts aqueous magnesium chloride to crude magnesium oxide. Gaseous hydrochloric acid formed in the reaction is absorbed in a washing tower, and the acid solution is piped directly to a neighboring chemical company.

2) Washing Section: Crude magnesium oxide from the Aman Reactor passes through a sequence of hydration, thickening and filtration steps, during which the hydration to magnesium hydroxide occurs, and soluble impurities are removed. Specific components required in the final product are added during the filtration stage.

3) Dry Section: Magnesium hydroxide slurry is then pumped to a kiln where it is calcined at about 700° C. to a light-burned magnesium oxide. After briquetting, the calcined material is sintered in a shaft kiln at 1600-1800° C. yielding highly pure, dense periclase, which is stored and shipped in bulk. Calcined magnesium oxide is packaged in moisture-proof bags.

Managing Director: Mr. Mark Wilsker

Address: Mishor Rotem, Doar Na Arava
Telephone: 057-51711

Telex: 5256DSPIL

Cables: Periclase Rotem 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 $ 50,000,000 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 220,000 tons of potassium nitrate. This consists of 207,000 tons agricultural material and 13,000 tons technical material. Production capacity of technical grade phosphoric acid is 28,000 tons of 100% P_2O_5. The products are destined almost entirely for export and are valued at approximately $ 45,000,000 annually.

The company produces on smaller scale also magnesium nitrate, ortho phosphate salts and polyfeed fertilizers.

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 glass and ceramic industry as well as in pyrotechnics. Phosphoric acid can be used for industrial purposes, for the production of detergents and phosphate salts and for metal treatment.

Under construction is a plant for the production of 40,000 tpa of Sodium Tri Poly Phosphate (STPP). This compound is one of the major components of solid detergents.

The plant is located in the Haifa Bay area, adjacent to the Oil Refineries Limited. It employs 500 persons.

Managing Director — Mr. A. Makov.

HAIFA, P.O.B. 1809
CABLE HAIFACHEM
TELEX 45118 / TEL: 726051

DEAD SEA WORKS LTD.

The Company, whose works are situated in Sodom, was established in 1952 to replace the former Palestine Potash Company, founded in 1934.

In the year 1951, a formal concession to exploit the natural resources of the Dead Sea was granted by the Knesset (Israel Parliament) to the Company.

Today, the Company's output is 1.2 millions tons of Potassium Chloride (muriate of Potash) and the Company is planning now to increase its production by a further 300,000 tons, ultimately reaching 1,500,000 tons per annum or more.

By-products of the Company are end-solutions resulting from the production process which serve as raw materials for a number of Companies in Israel: Dead Sea Bromine Ltd. (a wholly owned subsidiary of the Dead Sea Works Ltd.), and Dead Sea Periclase Ltd.

The Company also produces approximately 25,000 tons of Table Salt yearly and about 60,000 tons of Industrial Salt. The Company is now investing around 30 millions Israeli Pounds to double the production of Table Salt.

The production of Dead Sea Bromine Co. totalled about 23,158 tons in 1976/77 out of a yearly capacity of 40,000 tons of Bromine.

The Company exports more than 90% of its production of Potash to 26 countries all over the world.

The Dead Sea Works Ltd. employ 960 workers; sale have reached in 1976/77 the sum of IL. 843,183,631 Israeli Pounds of which $ 37,200,000 are ensuing from export of Potash. The exports of Dead Sea Bromine & Bromine Compounds Ltd. totalled in 1976/77 $ 18,600,000.

In March 1975, the shares of the Company which were in the possession of the Israeli Government, were transferred to Israel Chemicals Ltd.

The Managing Director of Dead Sea Works Ltd. is Mr. Arie Shachar.

Head Office: Beersheva, Potash House; P.O.B. 75.

Tel. : (057) 65111. Telex : 5236.

DEAD SEA WORKS LTD



PAZCHEM LTD.

PAZCHEM LTD., is a leading manufacturer of Agricultural Chemicals, Household Chemical Specialties and Industrial Chemicals both for the Israeli and overseas markets. The company devotes a great deal of attention to research and development. About 25% of its staff are academics with a highly skilled experience in chemistry, agriculture, toxicology and economics, and most of them are engaged in the development and introduction of new products. A very special advantage of PAZCHEM is the highly specialised know-how in the field of pesticides, and their formulations for the control of various pests. The successful development and marketing of such formulated products require a considerable amount of laboratory and field research, and thanks to its highly scientific organisation, PAZCHEM has helped Israeli agriculture to solve many of its serious problems on cotton, citrus, deciduous fruit trees, etc. More than fifteen years ago, PAZCHEM expanded its activities abroad to the International export markets of agricultural chemicals, and the company's extensive experience in Israel for more than forty years have made it possible to develop successfully in large areas covering Africa, Asia, Central and South America and the Mediterranean developing countries. An appreciable technical assistance extended by highly skilled professional salesmen in helping to solve the pest problems, along with creating a large amount of goodwill which augurs very well for the future of the company.

In view of the very appreciable sales of formulated products not only of agricultural chemicals, but also of highly sophisticated chemical specialties for Household, Maintenance and Industrial applications, the Company decided nine years ago to build a new modern plant in Ashkelon at the cost of several million dollars. The plant has been expanded considerably since then, it is now in full production activity, and the manufacturing capacity will allow sales to attain more than ten million dollars in the near future, which amounts to about double of the present level. As part of the programme of development, a very modern laboratory has been installed, and it will help expand the company's activities through the introduction of new products which have already passed the pilot stage successfully.

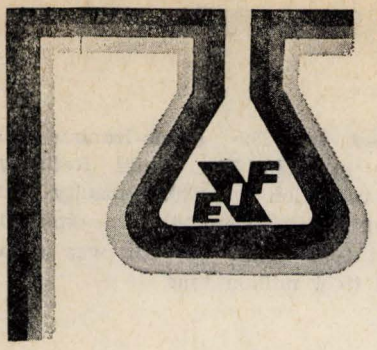
PAZCHEM LTD. was founded in 1958 as an independent company taking the succession of Shell Chemicals Ltd., which was active in Israel since the thirties. It is a privately owned company, the main shareholders being Sir Isaac Wolfson, Bart., Dr. Pomeraniec and Dr. Yehiam Ben-Amotz.

The Company produces a wide range of Agricultural Formulations. These cover Emulsion Concentrates, ULV Formulation, Mayonnaise Emulsions and granulated formulations. These high quality formulations are exported all over the world, very often assisted by our field experts.

The plant produces also a broad line of specialized products such as cleaning compounds, aerosol packed-air freshners, insecticides, repellents and industrial "tailor-made" thinners, cleaners and auxiliary formulations for a number of industrial chemicals.

Managing Director of **Pazchem Ltd.**
is Dr. Yehiam Ben-Amotz

The main office is situated at 74,
Ibn Gvirol St., Tel Aviv, Tel. 267161.



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 / Fire Extinguishing Powders.

P.O.B. 1929, Haifa; Telephones : 04-715211, 04-912231
Cables : ELECTROKEM Telex : 46289 EIF



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,
35, 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.**



PAZ OIL COMPANY LTD.

Incorporated September 13, 1959 in Israel, as a continuation of Shell Co. of Palestine Ltd. registered February 4, 1922.

Directors: Sir Isaac Wolfson Bart. — Chairman. M. Porath — Dep. Chairman. M. Bitan — Managing Director. E.I. Japhet, F.D. Lortcher, M. Mayer, H. Ocheroff, A.R. Taiber, J. Yariv, S. Young.

General Manager — Y. Lachover.

Head Affice: 4, Hagefen Street, P.O.B. 434 Haifa, Israel.

Branches: Jerusalem, Tel-Aviv, Haifa, Beersheba.

Cables: PAZOIL HAIFA, Telex 33679, Phone 52341.

Business:

Import of crude oil and petroleum products. Refining, marketing and distributing of Petroleum products in Israel. Oil bunker supplies to ships and aviation supplies to aircraft. Owns Lubricating Oil Blending Plant, Bulk Storage and Filling Plant for Liquid Gas. Paz Oil has investments in various companies connected with petroleum including petrochemicals and a plant producing basic oils. Paz is also participating in exploratory activities in Israel through Oil Exploration of Paz Ltd. and a limited partnership Paz Oil Exploration Consortium (1977).

Affiliated and Subsidiary Companies

Fuel Oil Trading Co. Ltd., United Petroleum Export Co. Ltd., Tanker Services Ltd., Pazgas Marketing Co. Ltd., Investment and Development of Paz Ltd., Paz Industries Ltd., Aviation Services Ltd., Aviation Properties Ltd., Station Properties Ltd., Haifa Basic Oils Ltd., (Shevah), Sha'al (Waxes and By-Products) Ltd., Oil Exploration of Paz Ltd., Pi-Gliloth Pipe Lines & Terminals Co. Ltd., Avis Int. Trading & Services Co. Ltd., Ascar Paz Co. Ltd., Agrochem Co. Ltd.

OIL REFINERIES LTD.

Established by The Anglo-Iranian Oil Company in 1938 The Haifa Refinery started production in 1939. Capacity had been planned for an annual throughput of 3 million tons crude oil, but was soon increased to 4 million tons.

The plant includes main units and ancillary facilities for refining and treatment of finished products. It was built as a selfsufficient entity, equipped with steam generators, a power station, laboratories, workshops, fire station, medical clinic, etc. Ownership was transferred to the Government of Israel in 1959. In order to bring the plant in line with modern technology, development was initiated on a large scale resulting in increased capacity and highly improved operating efficiency.

In recent years additional units were installed, among them a catalytic reformer, desulphurizers and storage tanks, and throughput was raised to six million tons crude oil P.A.

Haifa Refinery served as a basis for the establishment of allied industries E.G. Lubricating Oil Plant, petrochemical and agricultural fertilizer plants. Investments financed by Oil Refineries Ltd.

To meet increased fuel consumption and maintain exports a new 4 million ton P.A. Refinery has been erected in Ashdod, incorporating most modern technology. It has been commissioned early in 1973.

Oil Refineries Ltd. P.O.Box 4, Haifa

Tel. (04)740151, Telex 45101

Ashdod Refinery P.O.Box 388,

Ashdod Tel. (055)25234, Telex 31840

"DELEK", THE ISRAEL FUEL CORPORATION LTD.

Head Office: 6 Ahuzat Bayit, Tel-Aviv, P.O.B. 1831, Tel. 59421, Telex 33671 — Branch Offices: Jerusalem, Haifa, Beer Sheba

BOARD OF DIRECTORS :

Mr. M. B. GITTER, Chairman
Mr. A. AGMON
Mr. A. CHOWERS
Sir CHARLES CLORE
Mr. G. ERHARD
Mr. Y. CASPI
Mr. S. LAHAT
Mr. E. LAVIE
Mr. E. RACINE
Mr. D. TADMOR
Mr. D. TOLKOWSKY
Mr. N. USHPIZ
Dr. Y. WIESENBERG
Mr. B. YEKUTIELI
Mr. S. ZAK

Managing Director: A. AGMON

General Manager: Y. HEIFETZ

IMPORTERS AND REFINERS OF CRUDE OIL, MARKETING AND DISTRIBUTING OF OIL PRODUCTS, OIL PROSPECTING, SUPPLIERS OF SHIPS' BUNKERS AND AVIATION FUEL

Subsidiary & Affiliated Companies :

Amisragas, American-Israeli Gas Corporation Ltd. / Aviation Services Ltd. / Bitum Petrochemical Industries Ltd. / "Delek" Agencies and Services Ltd. / The "Delek" Foundation for Science, Education & Culture Ltd. / Fuel Oil Trading Co. Ltd. / Haifa Basic Oils Ltd. / Lod Metal Works Ltd. / Petroleum Trade Organisation Ltd. / Pressure Lubricants (Israel) Ltd. / Pi-Gliloth Petroleum Terminals & Pipelines Ltd. / "Padesco" (Petroleum Products) Ltd. / Shaal (Waxes & By-Products) Ltd. / Shamtan Lubricants & Chemicals Ltd. / Tanker Services Ltd. / United Petroleum Export Co. Ltd. / Witco Chemical Ltd.

SONOL

DROR GAL-EZER
Chairman of the Board

ALFREDO ROSENZWEIG
General Manager

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. **Dror Gal-Ezer**, Haifa — Chairman of the Board; Mr. **Ephraim Ben-Arzi**, Tel-Aviv; Mr. **Jack Freeman**, Haifa; Mr. **Joseph Frohlich**, Haifa; Mr. **Arie Manor**, Tel-Aviv; Mr. **Alfredo Rosenzweig**, Haifa.
(Members residing in the USA): 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. **Dror Gal-Ezer** — Chairman of the Board; Mr. **Alfredo Rosenzweig** — General Manager; Mr. **Jack Freeman** — Deputy General Manager; Mr. **Joseph Frohlich** — Finance Corporate Manager; Mr. **Pinhas Schwinger** — Personnel and Administration Manager; Mr. **Victor Alazraki** — Crude and Refining Manager; Mr. **Zvi Weinberg** — Operations Manager; Mr. **Joachim Koenig** — Finance and Economics Manager; Mr. **Lorenz Zvi Tager** — Sales Manager.

BRANCHES
A. Olinky — Central & Southern District Manager; **Dr. E. Reches** — Northern District Manager; **I. Yaniv** — Branch Manager, Jerusalem.

TECHNICAL SERVICES
J. Freund — 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 100 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 Gliloth 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.

WITCO CHEMICAL ISRAEL

Witco Chemical Israel was founded in 1969 by Witco Chemical Corporation, U.S.A., and Fertilizers & Chemicals.

The company acquired the Fertilizers and Chemicals facilities for the manufacture of detergents. The plant is located in the industrial area of the Haifa Bay. It has 150 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. Jan. 1, 76 a plant based on the parent company's know-how for polyurethane systems has been started. These projects increased the company's exports and decrease the import of similar projects.

Managing Director: Yaacov Lublini

P.O.B. 975, Haifa (31000); cables: Witcochem;

Telex: 044-843; Tel. 725071.

PAZGAS MARKETING CO. LTD.

PAZGAS MARKETING CO. LTD. is owned jointly by the PAZ OIL CO. — 68%, Paz investments 24% and 8% — private share holders.

PAZGAS is the leading gas company in Israel — 43.5% of the market — 33 agents — 420,000 customers consuming gas for domestic, industrial, commercial and agricultural uses.

Sales for 1977/78 estimated at 55,000 M.T. value IL. 350,000,000.— and appliances at IL. 45,000,000.—.

PAZGAS develops and promotes new appliances such as gas cookers, appliances for public kitchens, grilling and frying units, space heaters and also portable appliances such as picnic stoves, lanterns etc.

In addition to PAZGAS being the pioneer using gas for brooders, PAZGAS also introduced the use of gas to a remarkable number of agricultural appliances such as forklifts, fruit pickers and cotton gins thereby increasing the production and efficiency of numerous functions.

P.G.HI FLAME

A new additive has recently been developed by PAZ and PAZGAS engineers which saves at least 20% of the cost when cutting steel.

This additive is exported already and there is remarkable interest in this product by many gas consumers.

SOLAR ENERGY DIVERSIFICATION

A new project of research and development put PAZGAS on the map of SOLAR ENERGY with a sophisticated concept of SOLAR collecting systems with gas backing. This concept enables the user to save up to 85% of fuel cost for water heating and a remarkable saving for space heating.

GAS STORAGE AND DISTRIBUTION

PAZGAS owns rail trucks, road tankers and lorries for transporation of the L.P.G. from the refinaries to filling plants and from filling plants to its agents and customers. The filling of the bottles takes place at three filling plants — Tel-Aviv, Haifa and Beer-Sheva owned by the Company, in a total capacity of more than 65,000 m/tons a year. Haifa filling plant is fully automatic and palletised.

BOARD OF DIRECTORS

S. Shamir, Chairman, D. Arnon, S. Goldberg, I. Barnov, M. Bitan, I. Lachover, E. Zilberstein, Z. Rozenzweig.

General Manager: C. Eisenberg.

Head Office: 91 Hachashmonaim St., Tel-Aviv, P.O.B. 20071 Tel-Aviv. Tel.: 268211.

Branch Offices:

Tel-Aviv: Shalom Tower, Tel.: 52321

Ramat-Gan: 1, Haroeh St., Tel. 721811

Bat-Yam: 25, Rothschild St., Tel.: 884216

Jerusalem: 6, Shmai St., Tel.: 02-221331

Haifa: 9, Habankim St., Tel.: 04-521167

Beer-Sheva: Industrial Zone, Hevron Way, Paz Plant, Tel.: 057-78627.

ISRAEL PETROCHEMICAL ENTERPRISES LTD.

THE COMPANY AND ITS DEVELOPMENT

The increasing world importance of Petrochemical Products induced the establishment of the Company in January 1961 by groups of investors from Israel and abroad, with the object of setting up an enterprise for the production of Ethylene, Low Density Polyethylene and industrial Carbon Black on the basis of raw materials to be supplied by Haifa Oil Refineries Ltd. (hereinafter — ORL). The Company's plants were set in operation at the beginning of 1964.

At the time of establishment, one third of the capital was invested by investors from the U.S.A., one third by a Panamanian company, known as the Petrel Investment Corporation, one sixth by an investment company based in Israel and one sixth by ORL. As time passed, ORL's investments in the share capital of the Company grew and so did the extent of ORL's control. As at mid December 1972, the total investments of ORL in the share capital of the Company were approximately IL. 23 million. The rest of the paid up share capital at that date — IL. 3 million appr. was held by Petrel.

In December 1972 ORL sold to Israel Corporation Ltd., shares and rights to receive shares in the Company. Petrel held at the end of 1972 appr. IL. 13 million shares in the Company. As of the end December 1972, the ownership of the Company was divided in equal shares between Israel Corporation Ltd. and Petrel. As of February 1977, shares of the Company were registered for trading on the Tel Aviv Stock Exchange.

The original investment in the plants for the production of Ethylene, Polyethylene and Carbon black reached IL. 41.9 million. In 1965 the Company began expanding the production capacity of the plants. This was completed in 1967. Within this framework, the production capacity of the Ethylene plant was doubled, to 24,000 tons per year of the Polyethylene plant tripled to 22,000 tons per year and of the Carbon Black plant was increased by one third to 15,000 tons per year.

In April 1971 a plant was erected for the production of Carbon Black — Rubber Masterbatches with a capacity of 13,000 tons per year. In 1972 the Company further expanded the Polyethylene plant, first to 34,000 tons and thereafter to 36,000 tons per year. In 1972 the Company also set up a plant at the Kishon Port for the discharge and storage of imported Ethylene. A plant for the production of Polystyrene was also erected. For this purpose a subsidiary company of IPE was established in 1971, known as Israel Styrene Polymers Ltd. As at end December 1973 the Company's investments in fixed assets reached appr. IL. 118 million. In 1973 the Company decided on a further expansion of the polyethylene plant, from 36,000 tons to 96,000 tons per year. This project involves an investment of approximately 30 million dollars.

Supply of ethylene to the new plant will come from a 200,000 ton per annum capacity ethylene plant erected by ORL Haifa.

The Ethylene plant: The original production capacity of the Ethylene plant was 12,000 ton per annum; after expansion this reached 24,000 ton.

Ethylene is a gaseous Hydrocarbon used as feed-stock by various petrochemical industries, especially in the plastics field. The Ethylene produced by the Company is utilized for the production of its own Polyethylene (about 75% of annual production); for the production of P.V.C. at the Electrochemical Industries (Frutarom) Ltd. (about 18% of the annual production), and for the production of E.D.B. by the Dead Sea Works (about 7% of the annual production).

Additional Ethylene requirements are imported by the Company to its Kishon port installation and piped to the Haifa plant.

The Polyethylene Plant: The initial production capacity of this plant was 6,500 t. per annum; but actual production exceeded the planned capacity already during 1965/66; the expanded plant reached 36,000 t. In 1978 this will reach 96,000 t.

Polyethylene is a plastic material, used in modern agriculture (transparent plastics sheets for greenhouse and tunnels, irrigation pipes, etc.) for packaging purposes, production of housekeeping gadgets, etc.

The Carbon Black Plant: The initial production capacity of this plant was 10,500 tons and after expansion 14,000 tons. The Carbon Black is mainly used in the manufacturing of tyres and various other rubber components.

The Company supplies various grades of Carbon Black and Masterbatch to the local tyre and rubber industries.

Certain quantities of Carbon Black are also exported, mainly to Africa and the Far East.

The Polystyrene Plant.

This plant, erected by the IPE subsidiary, Israel Styrene Polymers Ltd., started operations in 1973.

Ownership is 2/3 IPE and 1/3 Chemstrand (Overseas) Ltd., a subsidiary of the Monsanto Company. A total of 2,400,000 $ has been invested. Production capacity is about 15,000 t. per annum of Crystal, High Impact and Expanded Polystyrene grades.
Polystyrene is a plastic material used for packaging (dairy products), Refrigerators, Insulation, T.V. Cabinets, Appliances, Household goods, Furniture, etc.

Manpower
The Company employs, at present, 372 employees which includes 33 engineers and technicians, 159 production personnel, 20 foremen, 100 maintenance personnel and 60 in administration and clerical duties. The new Polyethylene plant will raise the figure to a total of 442 employees.

Sales
The availability of the Company's products locally produced together with assistance of its Technical Sales staff in the field, has resulted in a rapid development of those branches of the Plastics industry in Israel which use IPE products.
The Low Density Polyethylene industry and indirectly, agricultural activity, has risen from a consumption of 3000 ton to 33,000 tons per annum over the past 13 years. Polystyrene growth in Israel has been about 18% per annum since 1973, the year in which this plant was established. The tyre and Rubber product industries have also expanded using IPE Carbon Black.
Trade names for the Companies products are as follows :

Low Density Polyetylene	— IPETHENE
Carbon Black	— IPEBLACK
Polystyrene	— GALIRENE
CB Rubber Masterbatch	— IPEMIX

Total turnover for the year ending 1976 was about 325,000,000 IL.
The projected figure for 1977 is about 385,000,000 IL., and for 1978, approximately $ 36,000,000.
From 1978 onwards between 40,000 to 50,000 ton of Ipethene will be exported. A similar quantity will be consumed by the local market in Israel. Total sales turnover should reach about $ 80,000,000.
Exports have been mainly to East and West European countries, the U.K., South, Central and East Africa, Turkey, Greece, Cyprus, Spain, Portugal, Hongkong, Iran, Thailand.
A Sales Subsidiary company known as IPE (Sales) B.V. has recently been established, registered in Holland and based in Amsterdam for the purposes of Marketing the Company's products in Europe.

Development Programs
The Company has carried out economic evaluations on a number of petrochemical projects; Decisions on the implementation of these projects are under consideration.

Chairman of the Board of Directors is Mr. Yoel Ostrowicz.
Managing Director is Mr. Chanan Deshe (Col. Res.)

Plant and Head Offices are in Haifa, P.O.B. 99, Tel. 723271/9 (9 lines).
Regional Sales Office at 15 Shmaryahu Levin St., Tel-Aviv, Tel. : 280611, 289649.

HELENA RUBINSTEIN LTD., ISRAEL

Factory & Offices: P.O.B. 1 Migdal Ha-Emek, Tel. 065-41573.

Education Center, Sales & P.R. Offices: 94 Ben Gurion Blv., Tel-Aviv,
Tel. 240256.

Haifa Education Center: 129 Hanassi Blv. Haifa, Tel. 89850.

Helena Rubinstein Israel is one of the 22 wholly owned subsidiaries of Helena Rubinstein Inc. New York. The building of the Israeli factory has been completed in 1961 in the developing area of Migdal HaEmek near Nazareth, on a surface of 3,000 sq.m, and has been enlarged in 1969 to 6,000 sq.m.

The factory in Migdal HaEmek manufactures a large range of top quality women cosmetics, toiletries, women and men's fragrances, all identical to international standards, and approved by the Israeli Ministry of Health. Under the logo "The science of Beauty", the headquarters in New York has a very high standard Research & Development center, where scientists contineously improve the existing and develop new products, to the maximum benefit of the users.

Helena Rubinstein is the recognized leader in top quality cosmetics in Israel. Throughout all the last years the company receives the No. 1 award as "The Most Preferred Women's Cosmetics" in the popularity poll of "Yediot Aharonot", and the No. 1 award of "The Best Buy". Helena Rubinstein

products are marketed in Israel through department-stores, and a selected number of high class parfumeries.

To ensure optimal benefit in using its products, Helena Rubinstein employs a large number of qualified Beauty Consultants throughout the country, and gives free consultations to the public in its Educeation & Beauty centers in Tel-Aviv and in Haifa. The Helena Rubinstein Beauty teachers give lectures to large groups of consumers, members of women organizations, air-hostesses, bank clerks, students, etc.

In addition to the Israeli market, Helena Rubinstein Israel is exporting its products to a number of countries in Europe, Asia and Africa.

200 employees are working for the Israeli company in the factory and in the field sales & education staff.

The company's executives are:

Mr. A. Nussen — General Manager
Mr. M. Baruch — Marketing & Sales Manager.
Mr M. Khayat — Controller
Mr. S. Feldman — Plant Manager
Mrs. E. Chaimovsky — Education & P.R. Manager.

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
154 Petah Tikva Road, Tel-Aviv. Tel. 252771.

OUTDOOR GIRL COSMETICS, London

Outdoor Girl was first launched in the U.S. during the 1920 s'. In the 1930 s' it became wholly british, being marketed very successfully in the U.K. and later in Europe.

Outdoor Girl sells at lower price than other brands because the company's policy is to concentrate on the products' quality with strickest control over ingredients. The saving is on unnecessary cost of packaging.

Outdoor Girl will appeal to all women everywhere as a "Value for money" brand and to women who are looking for a great variety of products and shades.

Distributed by "Heltis", Tel.: 03-254433.

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 800 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 net sales of Revlon (Israel) Ltd. in 1977 was over IL. 40 million (Purchase Tax not included).

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 company has in Tel-Aviv a Training School, engaged in extensive educational and training programmes, offered free of charge. The T.A. Office & the Training School are located at 65, Hovevei-Zion St., Tel-Aviv, Tel: 282141/3.

Mr. Joseph Steiner is the General Manager of Revlon (Israel) Ltd. as of October 1977, and is seconded by Mr. A. Shapira, Marketing Manager. Mr. M. Katzman is the Company Controller and Mr. S. Shalmoni is the newly appointed Plant Manager.

TAMBOUR

– ZEVAH ENTERPRISES LTD.

Israel's Largest Paint Manufacturer

Tambour has been manufacturing paints in Israel for 42 years. Now it is the largest manufacturer in the country. The company's turnover (including a subsidiary) reached IL. 325 million during 1977.

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 600 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 IL. 38,000,000 during 1977.

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 manufac-

ture 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.

In October 1974, Tambour — Zevah Enterprises Ltd. merged with the second Israeli great enterprise Askar. The repartition of the shares in the new company is as follows: 50% P.E.C., the former propriators of Tambour and 50% by the chemical unity of the big "Koor" concern.

Today the new company handles four productive enterprises, while the marketing, research and administrative systems of the two mentioned enterprises have become united working as a single unity.

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. Sixty 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 a subsidiary company occupied exclusively in the production and marketing of marine paints. In this field Tambour is unequalled in Israel. The Company 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 800 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 and the Jerusalem 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 automobiles, Amcor and Friedmann washing machines.

Tambour's paints are used to paint super-tankers of 220,000 tons and more in many well-known shipyards the world over.

The Plant:

Akko, Industrial Zone, P.O.B. 238.

Haifa, Tel. 04-910133; Telex: 04693; Cables: PAINTAMB HAIFA.

Offices:

Herzliyah, Industrial Zone, Maskit St., P.O.B. 559; Tel. 937881/6.

Jerusalem, Industrial Zone Talpiot; Tel. 02-254632.

Beer-Sheva, Industrial Zone, P.O.B. 486, Tel. 057-75856.

NESHER ISRAEL CEMENT ENTERPRISES LTD.

The foundation of the Cement Works was laid in 1923 by the late Michael Pollack at Nesher, Haifa, from where its name is derived. The erection of a cement factory was a most daring venture at that time.

In January 1946 the ownership of the enterprise passed into new hands, 50% to SOLEL BONEH, Ltd. and 50% to Central Trade & Investment Co.

The Company operates now 3 plants:

1) The Haifa Plant which from a modest beginning with 3 shaft kilns and an annual output of 50,000 tons in 1925 — developed into a large enterprise with a rotary kilns and a yearly output of 720,000 tons.
2) The Ramla Plant — erected in 1953 with 3 rotary kilns and a yearly output of 680,000 tons.

These two plants have been continuously undergoing ameliorating procedures, improving the quality of the product, increasing its output and reducing the work hours relatively to the finished product-unit.

3) The Har-Tuv Plant — erected in 1970, with a planned yearly output of 600,000 tons. This plant started operating in 1974 making Nesher's yearly production reach almost a figure of 2,000,000 tons.

All raw material for production, apart from fuel, originate in the country and 750 families, apart from many hundreds indirectly employed, earn their livelihood in these 3 plants.

The range of cements manufactured by Nether include:

3 types of Ordinary Portland Cement in accordance with Israel Standard No. 1, British Standard 12/1958 and American Standard ASTM-C 150/56.

— Type P.C. 200.
— Type P.C. 250.
— Type P.C. 300.

Nesher has established jointly with a Finnish concern, a special plant for the manufacturing of paper bags for packing cement: The Paper Products Manufacturing Ltd. This plant also supplies packing material to various Israeli industries.

General Manager: Mr. Menachem Aviram.

Head Office: Tel-Aviv, P.O.B. 29835, Tel. 03-248241.
Haifa Plant: Haifa, P.O.B. 1696, Tel. 04-221141.
Ramla Plant: Ramla, P.O.B. 5, Tel. 03-965282.
Har-Tuv Plant: Beth-Shemesh, P.O.B. 64, Tel. 02-912961.

Readymix

READYMIX INDUSTRIES (ISRAEL) Ltd.

SUPPLIERS OF READY MIXED CONCRETE TO ANY BUILDING SITE IN THE COUNTRY ★ 27 PLANTS FROM KIRYAT SHMONA IN THE NORTH TO EILAT IN THE SOUTH ★ MODERN EQUIPMENT ENABLES MIXES OF ANY TYPE OF CONCRETE TO BE PREPARED.

Head Office: 34/36 Yitzhak Sadeh St., Tel-Aviv, Tel. 03-39841

MIVNEI TA'ASSIAH, INDUSTRIAL BUILDINGS CORPORATION LTD.

Mivnei Ta'assiah B.M. — is a governmental corporation, which was established in 1961 by the Israeli Government, in order to assist the government in industrializing the development areas, by creating the physical infrastructure for the industry — merely erecting all kinds and sizes of industrial structures and leasing them to enterprizes for low fees.

Since its foundation the corporation has built over 750 thousands sq.m. in more than 100 settlments all over the country.

Lately the corporation has been authorized to undertake the task of planning and developing whole industrial zones in the development areas, and is now in fact the leading governmental instrument in this field. Thus the corporation prepares developed ground reserves which include access ways, supply of water, sewage and electricity, with an overall planning viewpoint. These ready reserves will make the planning and directing of industry much easier, according to the industrialization policy of the Ministry of Commerce and Industry.

In view of this the Government has invested share capital of IL. 55,000,000 now assets (as per 31.3.1977) have attained a value of IL. 650,000,000.

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, being 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 575,000 sq.m.; building space sold — to 170,000 sq.m.; some 70,000 sq.m. are ready for rent, and 120,000 sq.m. are under construction. Thus the total space amounts now to 875,000 sq.m.

The Board of Directors of the corporation is composed of Messrs. :

1) **A. Schochat,** Mayor of Arad; Chairman of the Board of Directors.

2) **Y. Zeitchick** — Ministry of Finance;

3) Dr. **A. Cagan,** Director of the Financing Department of the Ministry of Industry, Commerce & Tourism;

4) **A. Mar-Haim,** Deputy Director General for Finance; Ministry of Industry, Commerce & Tourism;

5) **N. Ratner,** Ministry of Finance;

6) **M. Gat, North** District Manager of the Israel Land Administration;

7) **E. Chacham,** in charge of developing area Department, Ministry of Industry, Commerce & Tourism;

8) **A. Lapidot,** Ministry of Industry, Commerce & Tourism;

9) **D. Proper,** "OSSEM" Corp.;

10) **A. Zvick,** Civil Engineer ;

11) General Manager of the Company — **Mr. Y. Pintchuk.**

Head Office: 29 Karlibach St., Tel-Aviv 67132; Tel. 03-283181-5.
Northern Branch: Nazareth;
Tel. 065-56768-9.

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. Execution of general maintenance work, as well as of repair work, on behalf of various public institutions as well as of private bodies which amount approx. to IL. 12,000,000. Paid-up capital and reserve funds, as per 31.3.1977 amounted to IL. 6,200,000; the Balance Sheet per 31.3.1977 shows a total of IL. 30,000,000.

Members of the Board of Directors are: Messrs. Igal Weinstein, David Brin, Menachem Fuerth, Israel Boiminger and Jacob Levin.

General Manager of the Company: Mr. Jacob Levin.

Head Office: 44, Petach-Tikva Road, Tel-Aviv, Tel. 38766;
Branches: Jerusalem, 13 Ben Hillel St., Tel. 224523; Kiryat Motzkin, 2, Ha'shoftim St., Tel. 710191.

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 250,000 housing units, have become the foremost functions of Amidar. 45 district and local offices of the Corporation exist in 225 settlements throughout the country. Other main tasks of Amidar include renovation of areas, rest undertaining at repair schemes and improvement of housing conditions in immigrants quarters. 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 aimed to the speedy integration of newcomers, in the State of Israel.

The Chairman of the Board is Mr. Yaacov Nitzan, former Civil Service Commissioner. The General Manager of the Amidar Corp. is Mr. Albert Levy; its Head Offices are located at 39, King Shaul Blvd, Tel-Aviv; Tel. : 251222

"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 builds also 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.

Mr. Meir de Shalit, Chairman of the Board of Directors;
Mr. Igal Weinstein, C.E., Managing Director.

The Head Office of the Company is at 1, Har Sinai Street, Tel-Aviv, P.O.B. 1058, Telephone: 627811; Telex: FTS IL 34 1143.

Its Branch Offices in Israel are as follows:

Jerusalem, 8, Shamai St.; Tel. : (02)224421;

Haifa, 1, Herzl Street; Tel. : (04) 668162;

Beer Sheba, Beit Rassco; Tel. : (063) 77144;

Ashdod, 24 Kibbutz Galuyot; Tel. 055-23035.

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 150,000 apartments, in which over 700,000 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 150 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.

Since 1977, **Mr. Rafael Edery** is the Managing Director of the Company.

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, Tel. 660915, P.O.B. 4076; in Jerusalem Rehov Hillel, 8, P.O.B. 963; Tel. 233395; in Beer-Sheba, Central Negev House, Massadah Road; Tel. 78542; and in Ashdod, 12 Rogosin St., Tel. 31890.

שיכון עובדים

RUBINSTEIN & CO.
BUILDING CORPORATION LTD.

The Rubinstein group of companies is one of the largest groups of private building and holding companies in Israel.

The company started its activities in 1933, when its founder, Mr. Aharon Rubinstein, established his first building partnership.

Throughout the years of its existence, the company has developed continuously. It has diversified and presently embodies 10 companies.

Before the establishment of the State of Israel, it operate mainly in public works. With the establishment of the State, the Corporation started also building residential flats on a large scale.

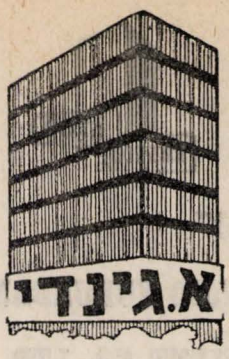
In the past 15 years, the Corporation has specialized in the development and building of entire residential quarters, with the emphasis on overall neighbourhood planning where large areas are reserved for gardens, open space, public building and shops.

The Rubinstein Building Corp. was among the first to build flats for young couples on a wide scale. Since 1968, the Corporation builds every year hundreds of apartments for this purpose.

Today, the Corporation is building apartments for three principal purposes — the private market, immigrants and young couples.

The founder of the Corporation and its Director General is Mr. Aharon Rubinstein.

The main office of Rubinstein & Co. Building Corporation Ltd. is at 8, Mikve Israel St., Tel-Aviv, Tel. 622621.



ABRAHAM GINDI BUILDING COMPANY

The biggest building company in Rishon Lezion is the "Dirot Gindi" Company, established by Abraham Gindi in 1970.

The company has subsidiary companies, dealing with the construction of housing units for young couples and high-class residential quarters in Rishon-Lezion, Rehovot, Petah-Tiqvah and Ramat Hasharon.

"Ganei-Aviv — Engineering and Building Ltd." is the company that is building in Rishon Lezion the "Kiryat Menahem" housing quarter, called in the name of Menahem Gindi, Abraham Gindi's father. This quarter will comprise about 400 dwelling units in various sizes, 3-5 rooms, a local commercial center, a cultural center, flower gardens and extensive green areas. The quarter is planned in the most modern style. Every building is designed by top architects and includes playgrounds made of fiberglass, a culture-room including sport facilities and a magnificent entrance-room in every building. In part of the buildings a Finnish Sauna will be installed for the exclusive use of its residents. The builders strive to reach a style of neighborhood life that supplies most services on the spot, so that the residents need not go to the center of town.

"Dirot Hen Gindi Ltd." is the building company that deals with building of "Neot

Esther" residential area in the name of Esther Gindi, Abraham Gindi's mother. This housing area is located in Rishon-Lezion's luxury quarter — Shechunat Abramovitz. "Neot Esther" will be distinguished by the same qualities as "Kiryat Menahem".
The company is also involved with the building of the "Neve Katzenelson" quarter in the western part of Rishon Lezion. This neighborhood will include about 240 housing units and will excel by its special, modern character, a big commercial center, flower gardens, a cultural center, etc.
The Gindi Housing Company has four big sales offices in the center of the country: in Rishon-Lezion, Rehovot, Petah-Tiqvah, and in Ramat Hasharon.
The head offices: Rothschild St. 42. (Bialik St. 2), Rishon Lezion.
Tel. 990423, 946208, 946180.

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 28 years of existence, "Sela" Ltd. has erected over 10,000 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, Beer-Sheva and Acco.
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.

PROPERTY AND BUILDING CORPORATION LTD.

Property and Building Corporation Ltd. is a publicly listed company and is one of the largest real estate development companies in Israel.
PBC is controlled by the I.D.B. GROUP through P.E.C. ISRAEL ECONOMIC CORPORATION and DISCOUNT BANK INVESTMENT CORPORATION LTD., who, together, hold 64% of the Company's share capital.
PBC is unique in its spread of operations, diversified over a wide range of real estate development in different geographic areas.

The activities of PBC are :
(a) The building and sale of apartments and commercial property.

(b) The building and renting of industrial estates, offices and other commercial buildings (as at the end of 1977 — 150,000 sq.m.)

(c) The purchase and development of real estate.

(d) Investment in citrus plantations — 35% of Mehadrin shares.

(e) Finance, management and maintenance of office buildings, residential estates and bonded warehouses.

By the end of 1977, the share capital and reserves (consolidated) amounted to IL. 112 million, and the Consolidated Balance Sheet to IL. 381 million.

Board of Directors :
Mr. J. Meyerhoff — Chairman, M.B. Gitter, Stephen Shalom, Dr. 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. 622901-2.

BEGED-OR (1968) LTD.

LEATHER GARMENTS

MIGDAL-HAEMEK

The Beged-Or concept has revolutionized leather fashion in the past years. Where once leather was stiff and military, far removed from fashion, Beged-Or devised ways of treating the skins and shaping them into soft caressing designs that enhance rather than hide the feminine figure and thoroughly flatter the modern fashion-concious man.

Founded in 1959 and "launched" with six workers recruited from among the new immigrants established in the "development town" (actually, a hamlet) of Migdal-Haemek, Beged-Or has grown to be Israel's most important leather garment manufacturer, both in terms of size of export, quality and fame. Still in the full impetus of its development, Beged-Or already employs some 800 workers, spread out in two main factories in Migdal-Haemek and smaller ones located in Nazareth, Tel-Aviv, Carmiel and Beit-Djann. Beged-Or also maintains a factory in London with some 100 workers. The sales department is based on offices and showrooms in Paris, London, New-York, Milano, Dusseldorf and Montreal.

Today, after a mere 18 years Beged-Or is considered by many to be the world's No 1 in leather fashion. The company prides itself with having such discerning faithful customers as princess Cristina of Sweden, princesses Marina and Maria-Gabriella of Savoia, princess Lee Radziwill, her sister Jacqueline Kennedy-Onassis, Marlene Dietrich, and Margaux Hemingway.

In 1977, total exports from Israel reached 8 million US dollars. Beged-Or fashions, designed by such masters as Calvin Klein, Gianni Versace, Caumont and Marnix von Freyburg, are currently featured in the N.Y. Times magazine, Vogue (American, English, French and Italian editions), Harpers, Glamour, Mademoiselle, Jours de France, Elle, Nova, Brigitte, Annabella and similar publications throughout the world. Current plans for showing at fashion fairs include the Igedo in Dusseldorf, Modewoche in Munich, Fashion week in Israel, Prêt-a-Porter in Paris, Palazzo Pitti in Florence and a number of such events in the USA, from coast to coast. For some years now, Beged-Or garments have been on display in Saks Fifth Avenue, Bloomingdale's, Bonwitt Teller, Bergdorf Goodman, Barney's, Bijenkorf (NL); Nieman Marcus, Harrods (GB), Innovation (B), and since 1977 there is a Beged-Or boutique in the parisian Galeries Lafayette and Au Printemps.

The founder of the company and Managing Director to this day is Mr. Leslie Fulop, a Hungarian-born Law School graduate from Debrecen, who fled the Nazis to Rumania and from there to Palestine on the tragically renowned "Mefkure" which was sunk by German warships. He escaped miraculously along with his wife and two other survivors after swimming for eight hours when they were fished out by another less unfortunate ship. All the other passengers of the Mefkure, a total of 350 including more than 100 children perished that night. Later, in 1948, Leslie Fulop came as a volunteer to serve in the armed forces during the war of independence. His debut in the leather business was entirely coincidental. Hungarian law not being of much use in the new state of Israel, Fulop spent his first year as a riding teacher. Today he compares painting, of which he is a great amateur to leather coats; with a chuckle he explains: "You must love to look at both. The difference is that a painting goes on a wall, but a garment goes on a woman and she must be able to live in it, move in it and be beautiful". A trifle male-chauvinistic perhaps, but so true of Beged-Or garments that the ladies readily forgive him...

The plant is located in Migdal-Haemek near Haifa, Beged-Or Street,

Tel. 065-40631; Telex: 46284. Showrooms are open in: Tel-Aviv: 5a Hamagid St., Tel 03-612280, 622166; Telex: 341158.

New York: 526 7th Avenue, Tel. 2216922, Telex: 421529.

London: 57 Margaret St., Tel. 580-4108, Telex: 27459.

Paris: 350 Rue St. Honoré, Tel. 260-66-61

Milano: 87/A Corso di Porta Romana, Tel. 546-3034.

Dusseldorf: Aderstrasse 59, Tel. 370409. Telex: 8588104.

Montreal: 1470 Peel St., Tel. 2887271, Telex: 01-20865.

The editorial board of
WHO'S WHO IN ISRAEL
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P.O.B. 1109; Tel. 612480

EMEK KNITTING MILLS LTD.



Emek Knitting Mills 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.

Emek's 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 1978 the export is expected to reach $ 2.0 million.

Emek Knitting Mills Ltd. now employs 220 workers in two factories, one in Ramat Gan and another in Afula.

Address: 5, Hilason St., Ramat Gan; Tel. 729181-5. Telex: 341667 RMYM IL. Att. Emek.

E. NEY & 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;
Phone: 50702-3-4
Cables: ENEY TELAVIV
Telex: 33-634.

CAESAREA GLENOIT INDUSTRIES

Caesarea Textile Works — I Division

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 company produces as well as tufted carpets.
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., Tel-Aviv; Cables: CAESARTEX, TELAVIV; Tel: Tel-Aviv 520116-8; Caesarea 063-88855-6. Telex: 3658.

Glenoit (Israel) Division

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 quantities 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 520116-8; Caesarea 063-88851, 88858, 88740. Telex: 46775.

Toyland Division

This company, operating at Bat-Yam 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., 37, Habonim St., Bat-Yam — Israel; Tel. 870731; Telex: 341106.

ARGAMAN

TEXTILE DYE WORKS LTD.

ARGAMAN Textile Dye Works Ltd. founded in 1934 is the largest dyeing, printing and finishing plant in Israel, occupying a key-position on the local market and of the same range, as far as size and complexity are concerned, among the largest dyeing-and finishing plants in the world.

The company and its subsidiaries are organized in 3 divisions as follows:—

1. The first division includes the five Argaman plants engaging in the dyeing, printing and finishing of textiles and also a worsted weaving mill in Bat-Yam.
   a. **The Plant for the Dyeing of Fabrics made of Cotton and Synthetic Fibres.** Engages in the dyeing and finishing of fabrics woven from cotton and blends of cotton and synthetic fibres as well as in the finishing of fabrics made of various synthetic fibres.
   b. **The Plant for the Dyeing of Fabrics made of Wool and Synthetic Fibres.** Engages in the dyeing and finishing of fabrics made of woolen yarns and blends of wool and synthetic materials.
   c. **The Plant for the Dyeing of Knitted Fabrics.** Engages in the dyeing and finishing of knitted fabrics made of various fibres.
   d. **The Plant for the Dyeing of Yarns and Fibres.** Engages in the dyeing of yarns of various fibres on spools, tops and in loose stock.
   e. **The Plant for the Printing of Woven and Knitted Fabrics.**
   f. **Worsted Weaving Mill in Bat-Yam.** This mill was acquired about 1½ year ago and is now completing its first year of operation.
2. The second division is the division of machinery and electronics, including the following firms :
   a. **"AREL" Control Systems Ltd.** Engages in the development, production and marketing of control-systems for the textile industry. Recently this plant has developed a new range of control systems, which are of the most advanced types in the world. The control instruments developed by this plant, are in successful operation both at Argaman as well as at several other plants in Israel, Europe and the U.S.
   b. **"Argathen" Ltd.** Engages in the planning, production and marketing of dyeing- and finishing machines for the textile industry. Argathen's machines are in successful operation at Argaman and many other plants in Europe and the U.S.
   c. **Argatex Vertriebs-GmbH.** operates in Germany, marketing the products of Arel and Argathen.
3. The third division includes :
   a. **Umar Textiles Ltd. — a weaving mill for cottons and blends.** The company was established in association with the U.S. Co., United Merchants & Manufacturers, Inc.
   b. **Ardaf Ltd. —** The marketing division engaging in sales abroad.
   c. **Arcom Ltd.** A subsidiary set up for the purpose of the marketing of fabrics of Umar/Ardaf in Israel.

Argaman maintains a central service system, supplying a great variety of administrative and technical services and operates two additional departments as follows:

a. **Research & Development Dept. —** engaging in the development of processes and products in the field of dyeing and finishing, making use of the combined know-how accumulated with the various firms and plants of the group.
b. **M.I.S. — Management Information System.** The above system, including on-line computers and a large number of terminals, will shortly be implemented at the various plants of the group.

Last year the Argaman Group was employing nearly 1000 men.

ADDRESS : Yavne, Industrial Zone. Tel. : 055-95251; Telex: 31945; Bnei-Berak Office: 03-784111.

"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. 400 workers are employed in the factory, producing ladies', men's and children's stockings of all types; ladies' nylon stockings; stretch & cotton underwear, ladies', men's and children's T-Shirts, and pyjamas, ladies' and girls' night gowns and garments for infants. A considerable part of its production is for export.

Share Capital: Authorized as per 31.12.77, IL. 50,000,000.

Subscribed & Paid-up as 31.12.1977, IL. 20,000,000.

Bankers: Bank Leumi le-Israel B.M., First International Bank of Israel, B.M.

Chairman, Board of Direct.: Mr. A. Manor

Director General: Mr. Z. Bengal.

Head Office: Holon: Industrial Quart. P.O. Box 34, Holon. Tel. 03-807111.

Plant: Holon, Industrial Quart., 2 Hamanor Street, Cables : LODZIA HOLON; Telex : 03470/1.

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 as well as ladies' sweaters in "Cashmirit" wool and synthetics.

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 to all European Countries, which became now Elanits' most important clients.

Elanit has built a most up-to-date factory building in Tel-Aviv's centrally located Yad Eliahu Quarter, opposite of the Sport Palace. New machinery, both for sewing as well as new machinery for the production of Double Knit cloth and flat knitting have born imported.

Office & Plant: 11 Massad St.; P.O.B. 9175; Tel. 31423-4-5; Cables: Elanit, Tel Aviv. Telex: 03-2470 & 03-2471 (Att. Gottesmann).

GOTTEX

GOTTEX MODELS LTD.

ISRAEL'S LEADING MANUFACTURERS

EXPORTERS OF LADIES' FASHIONABLE SWIM-SUITS

GOTTEX MODELS LTD., Tel-Aviv, 62 Mordechai Anilevitz St.,

Tel. 37725/6/7

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. 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 8 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: Daliat El Carmel, Gush Halav, Maalot, Ramat Hasharon, Tiberias, Yarka. In all the **Gibor enterprises** employ today about 2000 workers.

The production capacity of all Gibor's factories now reaches 0.8 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 1972, $ 19 million; for 1973, $ 18 million; for 1974, $ 21 million; for 1975, $ 19 million; for 1976, $ 18 million; for 1977, $ 18.4 million.

The management of the company is composed as follows: Mr. Gershon Rozow, President; Mr. Haim Rozow, General Manager. Offices: 35 Hamelech Shaul Blvd., Tel-Aviv. Tel. 259241, Telex: 603; Cables: GIBOR T.V.IL.

ROGOSIN

Rogosin Enterprises of Israel Ltd.

Manufacturers of
Swimwear fabrics made of nylon-lycra,
Exclusive fashion prints and plain colours.
Wrap knitted fabrics for outerwear and underwear.
Circular double knitted fabrics made from synthetic, natural fibres and blends.
Textured yarns, nylon and polyester set and unset.

Cable address - ROGOSIND TEL AVIV
Telex - 31811
Address : P.O.Box 8, Ashdod, Israel

KESHET TEXTILE INDUSTRIES

The Keshet Textile Industries comprise the following companies:

- OF-AR Co. Ltd., Ofaqim, Negev (est. 1960); Spinning, Weaving, Yarn Dyeing;
- Azaṭa Eextiles Ltd., Netivot Negev (est. 1960), Weaving;
- OF-AR Co. Ltd., Textile Dyers & Finishers Keshet, Ramat-Gan (est. 1933); Dyeing, Finishing;
- Cleaning Works Keshet Ltd., Ramat-Gan (est. 1936);
- Of-Mod Ltd., Ramat-Gan (est. 1957); Activ Sportswear;
- Spinning: 15,000 spindles, with a yearly capacity of 1,400 ton; cotton yarns;
- Weaving: 340 looms, producing 10 million square meṭers of fabric per annum;
- Dyeing & Finishing: 8 million square meters of fabric annually;
- Dry Cleaning: over 100 branches throughout the country;
- Annual Gross Volume: IL. 150,000,000;
- Exports: for 1974, $ 2,700,000 to 14 countries; for 1975, $ 2,500,000; 1976, $ 3,000,000.

Chairman of the Board and Managing Director of the Group is Mr. Dov Jacobovitz; The address is Ramat Gan, P.O.B. 2201; Tel. 795146; Cables: OFARCO Ramatgan; Telex: OF-AR IL 3-3846.

Preston
TEXTILE COMBINE LTD. AFULA
פרסטון
תשלובת טקסטיל בעמ עפולה

Manufacturers of fine quality worsted yarns in all blends

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Tel Aviv Office: 29 Montefiori St.,
Phone 03-296093,
Telex 341372 Prest Il.
Cables: Preston Afula
P.O.B. 225 Afula 18100 Israel
Phone 065-92501

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16 HAKISHON ST., TEL AVIV; P.O.B. 1730; Tel. 830121-5; Telex: 033-470
also: 8 HAMASGER ST., TEL AVIV; Tel. 34142/37820

THE COTTON PRODUCTION & MARKETING BOARD, LTD.

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 budget of the Board is based on the collection of ½% each on all sales of cotton from the grower and from the spinner.

Israel's cotton production covers 100% of the country's internal demand, leaving for export to foreign countries, about 60% of the crop.

President of the Board of Directors is Mr. Ch. Molcho; Gen. Manager, Mr. Zvi Neumark. The Head Office is located at 10, Karlebach St., Tel-Aviv; Tel. 260145.

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 produce 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, Benelux (Denmark), Italy, Switzerland and the U.S.A.; 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. Reuven Eiland.
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.

Carmel אגרקסקו
חברה לייצוא חקלאי בע"מ

TNUVA EXPORT LTD.

Tnuva Export is a cooperative organization in charge of the marketing of the citrus crops from the Workers Settlements (Ha'hityashvut Haoevedet); it encompasses 485 Kibbutzim (collective) and Moshavim (cooperative) with citrus groves.
The 1976/77 crop season has yielded 21,500,000 boxes or cartons for export, and 230,000 tons for local consumption and industry. This crop represents about 45% of the total citrus product, as summed up within the framework of the Citrus Marketing Board, while the respective cultivated area reaches about 432,000 dunams. These are outstanding achievements, especially when one keeps in mind that only 50 years ago the Worker's Settlements possessed not more than citrus grove, on an area of a few tens of dunams.
Tnuva Export's share in the total citrus export of the country has reached, in the 1976/77 season, a total of 1 milliard IL.
The Company operates, at present, 30 packing-houses all over the country, including the farthest-points in the Development Areas.
Tnuva Export was the first to introduce in its packing houses the most modern equipment and the latest scientific innovations in the treatment of citrus.
In order to improve its connections with the producers and to help the citrus growers to obtain a clean and fair fruit. Tnuva Export has set up a special Department in charge with the cultivation and pest control. The Department works with the help of field specialists linked to the cooperative's packing houses.
The Company publishes, in cooperation with "Irgun Megadlei Hadarim", a monthly informative pamphlet, "Hadarim", which is supplied to all members free of charge. In this publication the members can find detailed information about what was going on in the citrus business, in the packing houses and in the Organization in general.
Tnuva Export is associated with four plants which are processing citrus products, with a share of 25% in each.
The plant for the production of bruce boxes is fully owned by Tnuva Export: The output of this plant is 6 million boxes yearly.

Chairman of the Board — Mr. Sandu David;

Managing Director — Mr. Yoseph Wiener;
Director — Mr. Ben-Ami Tsuri;
Director — Mr. Yeshua Itshak.

17, Lincoln St., Tel-Aviv, Tel. 283211.

CITRUS AND CANNED PRODUCTS ASSOCIATION

Representing: —
GAT FOOD CANNERIES, Givat Haim
RIMON LTD., Givat Brenner
PRI-HAEMEK LTD., Migdal Haemek
PRI-TNUVA LTD., Rehovot
MILOS, Naharia.
is the largest single exporter in Israel of Citrus and canned vegetable products, with exports in 1977 amounting to about $ 30,000,000.— F.O.B.
During the last few years the Association has emerged as the leading exporter of tomato products and its factories are processing about 55% of the total tomatoes supplied to the industry.
The main production lines are Citrus (Orange, Grapefruit, Lemon, Mandarin) products and tomato products such as juice. paste, peeled tomatoes and pizza sauce.
The Association exports to countries all over the world, mainly to Europe, Scandinavia, the U.S.A., Africa and to some countries in the Far East.
12-14 Harakevet Street, P.O.B. 534, Tel-Aviv. Telephone: 621282, 622581; Telex: 33726, Cables: CITROPAL, TEL-AVIV.

TNUVA, CENTRAL COOP. FOR THE MARKETING OF AGRICULTURAL PRODUCTS IN ISRAEL

In 1977 Tnuva celebrated its 50th anniversary. At its jubilee, Tnuva reflects not only the development of the central cooperative for the marketing of agricultural products, but the progress and the strengthening of the agricultural settlements as well as of the accelerated expansion of the whole economy of the country.

In the first five years of its existence, Tnuva supplied about: 15 million litres of milk, 6 million eggs, 6,000 tons of vegetables and 3,000 tons of fruits, whereas in the five last years of its jubilee — 1971 — 1976 the marketing shows the following numbers: milk — more than 2,300 million litres, 2,300 million eggs.

"Tnuva" is the main Israeli organization responsible for the cooperative marketing of agricultural produce; its operations are covering about 70% of the farm produce in Israel. After World War I, the few then existing agricultural settlements in Israel were faced with hard problems of marketing their produce, because of poor transport facilities. The settlements entrusted the marketing of their products to "Hamashbir" the supply cooperative. In 1925, the agriculture produce increased rapidly as a result of the establishment of new settlements. This factor led to a decision to separate the agricultural departments of the rest of "Hamashbir". A new organization was formed under the name "Tnuva'.' meaning "yield" or "harvest". In the next few years three regional societies were established in Haifa, Tel-Aviv and Jerusalem. Today, "Tnuva" represents 500 settlements and many hundreds of individual producers.

"Tnuva" itself derives no profit from its activities. All the settlements, members of "Tnuva", have the same rights, irespective of whether they are old or new, whether near to the main markets or far from them, and whether they belong to different political or other groups. "Tnuva" automatically receives the produce of every new village if it applies to "Tnuva" to market its produce. "Tnuva" is an open cooperative organization, with no restrictions whatsoever, and no special entry fee is required. On the other hand, a settlement, which affiliates itself as a member of "Tnuva", undertakes to market all its agricultural produce exclusively through "Tnuva", so as to not compete with other settlements, also members of "Tnuva".

"Tnuva" runs 110 wholesale warestores in 25 cities and towns, for the marketing of various produce, such as milk products, vegetables, potatoes, fruit, bananas, eggs, poultry, fish, flowers,canned products, etc "Tnuva" dairies process and market pasteurized bottled milk, butter, cream, cultured milk products and various kinds of soft and hard cheeses. Its dairies are equipped with the most modern machines and their work is highly mechanized. "Tnuva" incessantly continues its efforts to increase the mechanization of its dairies. 'Tnuva" dairies receive over 90% of the marketed milk in Israel and are the largest manufacturers of dairy products in the country.

"Tnuva" has 5 laboratories attached to each of its dairies in order to supervise the quality of their products. The growing volume of milk production and the greater variety of milk products have made control more important than ever. "Tnuva" also introduced regular inspection of vegetable grading in its largest wholesale markets, to avoid misunderstandings with customers. To keep up with demands of the consumers, "Tnuva" has adjusted its supply arrangements accordingly, and introduced all kinds of innovations. These changes have primarily taken the form of new packaging materials and new types of containers, aimed to improve the transfer of the produce from the farms to the wholesale warehouses, from the retailers — to the consumers.

"Tnuva" participates in the export of fresh agricultural products in two ways: directly, in the sorting of the product and packaging it for export — for products such as eggs, vegetables, potatoes, and honey; and in financing the produce of certain branches — primarily bananas, and other products which are exported by various organisations of settlements which are affiliated to "Tnuva"; secondly, through the participation of "Tnuva", in the Agricultural Export Company.

A Central Control Committee, including eight members, representing the settlement organizations supervises and controls the work of "Tnuva" departments and staff and investigates any complaints by the settlements. The Central Control Committee is assisted by regional committees and employs many inspectors.

"Tnuva" employs on a monthly and daily wage basis, at the end of 1977, 4,100 men and women in its industrial plants (mainly in the diaries), in the wholesale stores and in the offices. To this figure have to be added 525 milk distributors of dairy products, eggs, fruit canned products to retail shops, who work on commission basis. Tnuva's turnover at the end of 1977 amounted to IL. 7 billion.

The Managing Director — is Mr. Itzhak Landesman.

Main Office : Tel-Aviv, 8 Shaul Hamelekh Blvd.; Tel. : 256451.

PARDESS CO-OPERATIVE SOCIETY OF ORANGE-GROWERS

(EST. 1900) LTD.

The Pardess Society, the oldest agriculture co-operative in the country, was established in Petah Tikwa in 1900 and the current citrus season is the 77th year since its establishment. Seventy Seven years is not an insignificant period in the life of a co-operative society and is a signpost on the long road it has travelled. The Society has grown and branched out, and its membership has grown to 1,500. Last season's total crop reached 6,750,000 crates, of which 4,750,000 were exported. In the past season, some 44,000 dunams were affiliated with the Society — from Zichron Yaakov in the North to Ashkelon in the South. The Society has six up-to-date packing houses: two in Rehovot, one in Ashdod, near the port, one in Petah Tikva, one in Kadima and one in Hadera. The Society has also purchased plots for building additional packing houses, and plans in the coming season to build another packing house in the southern part of the country.

Since its establishment, the Society has gone through times of great hardship and crisis. It has passed through good and bad times, but it never retreated in the face of hardship and knew how to overcome the many obstacles in its path. Its firm stand tought its members that the Co-operative Society proved itself in every hard situation. Throughout its existence, the Society has worked unceasingly for the improvement and and greater efficiency of marketing systems, the broadening of services to members, the cutting of costs and the initiation of improvements and progress in the field.

The initiators and founders of the Pardess Society 77 years ago understood that citriculture could be established in a profitable fashion only if the growing of citrus and the marketing of produce is in the hands of the citrusgrowers themselves. The founders came to the conclusion that within a co-operative there develops a synthesis of the individual's natural aspiration for private property and free enterprise together with the co-operative spirit and mutual aid towards improvement and cost reduction in the means of production, the marketing of produce and the obtaining of credit. Now that the Society has completed its first 77 years, it can be noted that this synthesis of private enterprise with co-operation has proven itself.

The Pardess Society numbers among its members not only veteran citrus-growers but also newcomers to the field whose groves are just beginning to bear fruit. Throughout its existence the Society has not barred its gates, but has continued and continues to accept members without differentiating between large citrus-growers and small ones. It is prepared to contribute its full share towards the integration of new citrus-growers who want to join the family of growers and, for this purpose, has broadened its activities and means at its disposal. The co-operative spirit of guarding the rights of members without discrimination enables the Society to do good and useful work.

The co-operative principle which motivated the Pardess Co-operative Society for Jewish Orange-growers led to the establishment of other co-operatives, some of which have disappeared over the yeras and some of which have continued to this day. This road has led to governmental concentration of citrus marketing through the Citrus Marketing Board, which today has the exclusive marketing rights for the whole cirus crop in the country and abroad, on a seasonal comparison system of proceeds of sales of the fruit from all the markets. Centralized marketing has proved its worth in all areas which touch this field. The Society has an experienced team of workers which handles services to members, including operations of pest-control through counselling and different types of assistance in the citrus-grove.

In view of the fact that the citrus-grower must benefit from the full use of his fruit, the Society, founded the citrus processing factory in Yavneh — "Pardess" Citrus Products Ltd. Pardess Coop. Society owns now 100% of the shares. The 1961/62 season was the plant's first season and the running-in year. In the short time since

(continuation in page 610)

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.
In 1970 Ardo Shipping Limited, 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.
Conterm Ltd. A container terminal and a bonded warehouse situated in the industrial zone of Ashdod about 2 km from the port. The container terminal was opened in January 1975.

General Manager of Pardess Syndicate is Mr. Igal Dror.

The Head Office is situated at Beit Haikarim, 8 Kaplan Street. P.O.B. 1290, Tel Aviv. Telephone 253456; Cables : PARDESSYND ; Telex : 033/600.

THE PRI-ZE GROWERS CO. LTD.

Pioneers of Israel's canning industry, Pri-Ze is a highly specialized enterprise for the cultivation and canning of a wide range of this country's sub-tropical delicacies: citrus products, fruits, vegetables and tomatoes.
Located in the heart of the Mediterranean coastal plain, Pri-Ze has seen dinamic expansion since its inception in 1974, and constitutes today a major plant with modern machinery, expertly trained staff and an efficient sales and service department, handling the demands of the local market as well as the company's multi-million export program.
In 1968 Pri-Ze was awarded the title of "Distinguished Exporter" in recognition of its top-quality products — quality that spells freshness and aroma, flavour and natural taste coupled with a pleasing, attractive appearance.
Pri-Ze products are specially cultivated for processing and canned preservation by modern production methods. To this end the Mopaz Co. was founded in 1969 to contribute scientific knowhow and equipment for the manufacture of such sophisticated items as citrus concentrates and orange, grapefruit and mandarine bases — tailor-made products to meet special specifications of buyers.
The keynote of the plant may well be defined as a constant effort to create and market choice products of taste and beauty.
By virtue of its mild climate and fertile soil, Israel's fields and orchards yield a variety of delectable fruits and vegetables. Carefully grown, picked and selected and expertly canned to retain their natural taste, flavour and color, Pri-Ze presents some 25 different items. Among them are: apricot halves, peach halves, "Sagiv" purple plums and "Matly" plums, all in syrup; pickled sweet red peppers, diced red and green peppers, sauerkraut, cucumbers in brine and in vinegar, garden peas, carrots, green and stringless beans, baked beans and okra in tomato sauce, pickled' green olives, hot crushed peppers, sliced beetroot in vinegar, pickled cauliflower, red cabbage, baby potatoes, celery stalks and cuts.
All the above products, fruit and vegetables are packed in various sizes of cans suitable for the home maker's needs, as well as for catering and industrial requirements.
Citrus products rank high in the Company's production program and includes "Jaffa Prize" brand orange and grapefruit juice; orange and grapefruit segments, chilled and unchilled; orange and grapefruit concentrates (frozen, hot packed and preserved); orange and grapefruit bases and special concentrates; comminuted oranges and grapefruit; essential oils; and a variety of sophisticated citrus products.
All carry a delightful fragrance — a result of the Pri-Ze unique blend.
Among the firm's tomato products are: tomato juice, tomato puree, pizza sauce and crushed tomatoes.

THE PRODUCTION AND MARKETING BOARD OF ORNAMENTAL PLANTS

The Production and Marketing Board of Ornamental Plants was established as a result of a decision of 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 ;
working 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 9 packing houses — of which 4 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 90 varieties of flowers, primarily roses, carnations and gladiolas.
There are about 1500 flowers products.
The local flowers market has not been organized until now.
6000 growers are organized in the Board.

Chairman of the Board is Mrs. Yahalomah Shehory;

The General Manager is Mr. Nisim Lussato.

Location of the main office — 2 Kaplan St., Tel-Aviv, P.O.B. 7158; Tel. : 268136.

THE EGG & POULTRY BOARD

The Egg & Poulty Board is the legal body which deals with the planning and regulating of production and marketing of egg and poultry products in Israel.
The Members of the Board are appointed by the Minister of Agriculture, according to the permanent representation of the various sectors: 50% farmer's representatives, 25% Government's representatives and 25% representatives of the marking bodies, retailers and consumers.
Volume of production planned for this year is: 130.000 tons broilers, 45.000 tons turkeys and one milliard and 300 million eggs, as well as geese and ducks.
Poultry products are marketed through Tnuva, Tenne ad others.
Marketing is centrally regulated by the Board as follows: At a time, when there is a surplus of chickens, those are slaughtered and processed in industrial slaughterhouses, deep frozen and stored, to be marketed during shortages. As to surpluses of eggs, they are also stored by the Board, to be put on the market during shortages.
Israel's exports of hatching material include: Hatching eggs and day old chicks — commercial stock, and parent stock — pure lines. (General know-how is also being exported).
Other exports of the poultry line: Turkey meat and goose products, of which Israel is one of the world's most important exporters.
The economic importance of the poultry line is due to 3 factors:

a. Poultry products are substitutes for imports

b. Poultry raising is a source of income in settlements that lack land and water.

c. The gross product of the poultry line in 1978/9 will be about IL. 5 milliard.

Chairman of the Board: Mr. Abraham Ben-Meir — Director General of the Ministry of Agriculture.
General Director of the Board: Mr. Jacov Doron.
Main Office: 2 Kaplan St., Tel-Aviv, Tel. 254191, P.O.Box 7133.

ISRAEL DAIRY BOARD (A company limited by guarantee)

The Dairy Board exists in its present form since 1966. Members of the Board are representatives of the farmers, the dairies, the government and the consumers, which explains the variety of its activities in the sectors of cow-milk, sheep-milk and goats-milk, starting from the production on the farms, through the processing in the dairies, up to the marketing to the consumer.
In certain fields there is a joint involvement with the government:

1. in the economic field — subsidies, fixing of consumers' prices, determining the production volume, etc.;
2. in the field of industry and commerce — fixing the mediators' margins, determining the standard of dairy products and others;
3. in the field of health — safeguarding adequate standards of hygiene and quality.

The Board plays a decisive role in the handling of a number of major subjects: participating in the setting of prices in the whole process, encouraging milk production and marketing, taking steps to improve standards in all stages of production, processing and marketing; planning production and regulating, supplies by means of subsidies, drying milk and accumulating milk fat at peak seasons and the use of milk powder, imported by the Board, for this purpose in the low seasons. The Board promotes research projects in the branch of cattle and sheep to advance farm production, encourages the exports of cattle for breeding and of milk products. Recently the Board has also dealt with butter exports. For these purposes, the Board had set up a number of advisory committees.

The Board holds an adequate stock of raw materials and is responsible for organizing the marketing and transportation of milk in times of emergency.

The anticipated production volume for the year 1977/78 (April-March) is 650 million litres cow-milk and about 6 million litres sheep and goats milk. In addition, about 6,000 tons of milk-powder are imported (equivalent to 60 million litres milk) to meet all demands for milk and its products. This year's turnover will reach approximately 2,5 milliard Israeli pounds.

The planned quantity for which the government pays a subsidy is 600 million litres, while the subsidies amount today to an annual total of 750 million IL which constitutes 40% of the price. The excess of the milk production gets its value from the market without subsidy.

Furthermore, the Board is engaged in remitting the subsidies to the dairies, in receiving their reports on the processing of the milk supplied by the farms and in the control of the dairies that get subsidies.

The planned distribution of production quota is carried out by the General Manager of the Board, Mr. Avi Kaplan, authorized to do so by statute.

The budget of the Board for the year 1977/1978 is about 105 million IL including about 97 million IL for milk-powder imported for the dairies as a non-profit service.

The excess of the budget (about 8 million IL) is covered by the dairies and the farms in accordance with their production and marketing quantities.

General Manager: Avi Kaplan
Chairman: Chaim Molkho
Address: Tel Aviv, 25 Carlebach St., P.O.B. 20035
Phone: 283308, 284835, 296898

The editorial board of

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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, Copenhagen. Frankfurt, Rotterdam. 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. Chaim Molcho.

General Manager is Mr. I. Goress.
Assistant General Manager is Mr. Z. Latovitzky.
The Main Office is at 119, Hahashmonaim St., Tel-Aviv, Tel. 258492; Haifa Branch, the New Wholesale Market (Tel. 663065) and the Jerusalem branch at the Wholesale Market, Guivat Shaul, Tel. : 535435.

THE NORWEGIAN TRADE COMPANY NORTRAC ISRAEL LTD. FORTRADE A/S

30 Levontin Street, P.O.B. 17, Tel Aviv, Tel. : 612043, 624854, Telex : 33505.

The Norwegian Trade Company NORTRAC ISRAEL LIMITED

Specializing in trade between Israel and Norway.
We represent in Israel NORSK HYDRO, which is now the largest industrial enterprise in Scandinavia and several other important Norwegian firms.
Substantial part of the Israeli export to Norway is being made through us.
Our sister Company, FORTRADE A/S, is registered in Norway (under licence of the Israeli Ministry of Finance) and has an office in Oslo.

FORTRADE A/S was established to promote Israeli exports to Norway and represents there several important Israeli firms.

Both NORTRAC and FORTRADE are doing their very best to ex tend the trade relations between Israel and Norway and are offering thoir good services to all Israeli firms interested to do business with Norway.

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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 "Gil". Washing Powder "Automat", Bioness, Gall.

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. Clizah for dish washer.

Insecticides: Pagaz aerosol and tins.

Air Freshner: Fresh-Ness.

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: Tango, Mem.

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.

„VITA"

J. PLOTKIN & SONS LTD.

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 internat. 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 $2,500,000 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.

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. 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 the long run 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 wide 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.

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 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 is also exported.

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.

Elite has introduced new products such as a special quality "Mocca" coffee, produced by its Lydda plant and packaged by means of vacuum.

Concern in the fiscal year 1976/77 reached IL. 630,000,000, and for the fiscal year 1977/78 will reach approx. IL. one billion. 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 $ 6 million.

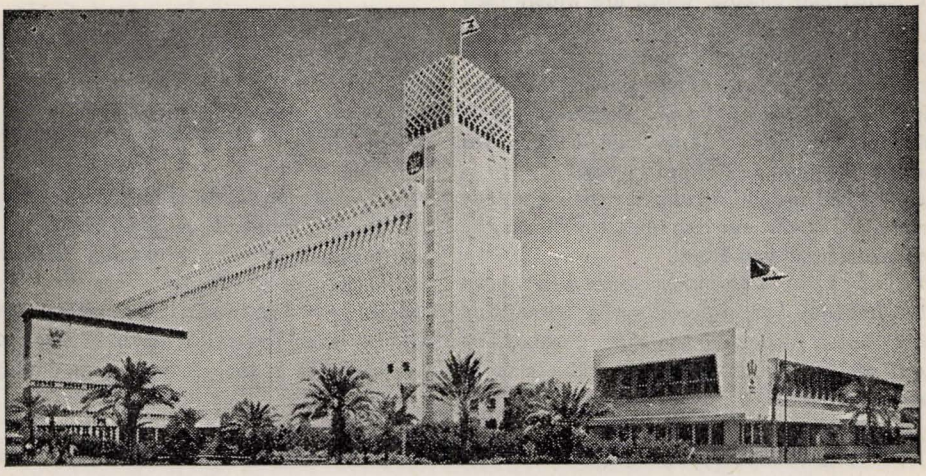
The Head Office is in Ramat-Gan, Tel. 731111, P.O.B. 19, Ramat-Gan.

DAGON BATEY-MAMGUROTH LE-ISRAEL LTD.

HAIFA — ISRAEL

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THE "DAGON" SILO IN HAIFA HARBOUR

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COMBINED ENTREPRISES
YERUCHAM LTD.

GALAM LTD.. MANUFACTURERS OF GLUCOSE AND STARCH

Situated at Maanit, the factory's chief products are starch and glucose, which are widely used in the food industry. Galam markets corn-starch in the form of corn-flour, as raw material for custards, puddings and baking powder and for industrial use. Potato starch is sold for Passover cooking and baking, for sausage making, and industrial use.

Regular and instant laundry starch is specially prepared for the use of both the housewife and commercial laundries.

Output of the main products per year: corn starch 10,000 ton, glucose syrup 10,000 ton, corn gluten feed 4,500 ton, corn germs 1,800 ton; 2000 ton of Galam's products have been exported.

Management: Benjamin Ifat, Josef Peled.
Address: Galam Ltd., Post Menashe, Telephone: 063-78242.
Offices: Tel-Aviv, 12 Haarba'a St.; Tel. 268251.

★

CARMEL MIZRACHI CO. LTD.

The time-honoured wine cellars, founded by the Baron Edmond de Rothschild in 1882 are managed by the Managing Director of the Society of the Winegrowers, Dr. Eliakum Ostashinsky. This Society comprises 800 families of winegrowers; it attends also to the improvement of the production, marketing and export.

CARMEL ORIENTAL

RICHON-LE-ZION & ZICRON JACOB'S WINE CELLARS
SOCIETE COOPERATIVE VIGNERONE DES GRANDES CAVES
RICHON-LEZION & ZICHRON-JACOB LTD.

FOUNDED 1882 BY BARON DE ROTHSCHILD
AND MARKETED THROUGHOUT THE WORLD
UNDER THE BRAND NAME
"CARMEL"

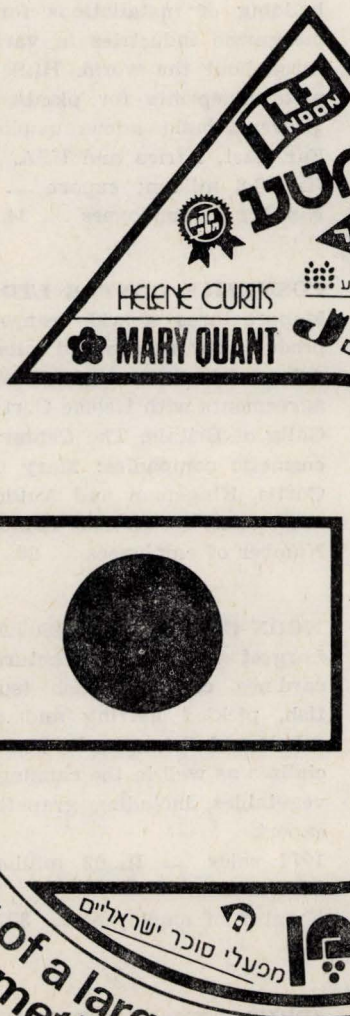
Producing: Wines, Sparkling Wines, Liqueurs, Brandies, Grape-Juice
Distribution by:
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Cables: CAVES, RISHON

KOOR FOOD LTD.

Quality Products - Reasonable Prices



Manufacturer of a large range of products - cosmetics, detergents, paper products and games.

KOOR FOOD LTD.

KOOR FOOD Ltd. incorporates all Koor plants which manufacture food & consumer products, including edible oils, flour, toiletries, cosmetics, detergents, footwear, paper products and games.

The plants are: Shemen Industries, Ltd.; Etz Hazayit Oil Industries, Ltd.; Mata Food Industries, Ltd.; Beer Sheva Flour Mills, Ltd.; Israel Sugar Products (1951), Ltd.; Noon, Ltd.; Cosmetics Center (Helen Curtis, Mary Quant); Jerusalem Paper Products, Ltd. (Phantom, Ofek, Ratzif); H.L.S., Ltd.; Carmel Tanks Containers, Ltd.; Hamegaper; Jerusalem Shoes; Dekel: Blue Band, Ltd.

Koor Food Manufacturing Group owns all these plants, manages and controls all their business activities. In 1977 sales of the Group reached IL. 6 billion, with $ 10 million going to export. Number of employees — 2740.

SHEMEN INDUSTRIES LTD.

Israel's oldest manufacturer of edible oils, soaps, home-cleaning products, detergents, cosmetics and toiletries.

1977 sales — IL. 499 million; export — $ 1.9 million.

Number of employees — 444.

ETZ HAZAYITH, LTD.

Includes five production departments: edible oils, soaps, detergents, Skin toiletries, plastic packages.

1977 sales — IL. 435 million; export — $ 1.4 million.

Number of employees — 310.

MATA FOOD INDUSTRIES, LTD.

One of Israel's most modern food manufacturing plants with four different production lines: Margarine for home, institution and industrial use; melting & soft cheeses (partly shipped to the US market); spreads (mayonnaise, humus, tahini); as well as baking products (vanilla sugar, baking powders and extracts).

1977 sales — IL. 933 million; export — $ 200,000.

Number of employees — 205.

BEER SHEVA FLOUR MILL

One of Israel's largest and most advanced flour mills manufacturing various kinds of flour in bulk, sacks and small retail packages. Also bran and enriched flour for home use. Grain capacity of granaries is 22,000 tons and flour-stocking capacity — 1,700 tons. Annual flour production in 3 shifts working daily totals 36,000 tons. Sales for 1977 — IL. 74.2 million; number of employees — 35.

H.L.S., LTD.

This company specializes in the design and building of installations for the oil and margarine industries in various countries throughout the world. HLS supplies complete blueprints for plants, expands, improves & builds numerous plants in Europe Far East, Africa and USA. 1977 sales — IL. 23.8 million; export — $ 1.6 million. Number of employees — 34.

COSMETICS CENTER LTD.

Manufactures a wide range of cosmetic products for women and toiletries for men. All products are made through knowhow agreements with Helene Curtis of USA and Galla of Britain. The Center includes four cosmetic companies: Mary Quant, Helene Curtis, Kingsman and Autdoor Girl.

1977 sales — IL. 16.6 million.

Number of employees — 66.

NOON CANNED FOODS, LTD.

Largest Israeli manufacturer of canned sardines, conserved fish (such as gefilte fish, pickled herring and smoked fish), salads and fish spreads. The company specializes as well in the canning of fruits and vegetables, including grapefruit slices for export.

1977 sales — IL. 62 million; export — $ 3.3 million.

Number of employees — 357.

JERUSALEM PAPER PRODUCTS, LTD.

The Company manufactures paper rolls and special sheets for computer use. Also various kinds of stationary, envelopes, calen-

dars and other printed matter. The company includes four plants: Jerusalem Paper Products, Phantom, Ofek and Ratzif.
1977 sales — IL. 78 million; export — $ 200,000.
Number of employees — 170.

CARMEL CONTAINERS — CORRUGATED CARTON INDUSTRIES, LTD.
Manufactures rolled-carton containers of various types & sizes. Due to a fire the plant renewed production only in the fourth quarter of 1975.
1977 sales — IL. 137.8 million; export — $ 800,000. Employees number 335.

HAMGAPER, LTD.
Hamgaper production line includes: Sports shoes, various slippers, work & safety boots, rubber-soled army shoes, tall rubber boots, original moccasines, regular footwear and clogs.
1977 sales — IL. 80 million;
employees number 344.

JERUSALEM SHOES, LTD.
The plant manufactures fashionable footwear and luxury Kanon moccasins, children's and youth's footwear, leather sandals & boots for women and children, army and safety shoes.
1977 sales — IL. 40 million.

★

TEVA GROUP — PRINCIPAL COMPANIES TEVA PHARMACEUTICAL INDUSTRIES LTD.

ASSIA CHEMICAL INDUSTRIES LTD.
A manufacturer of fine chemicals for the pharmaceutical industry, both for human and veterinary applications.

ASSIA MAABAROT LTD.
Distributes mainly veterinary preparations and food additives.

PACA INDUSTRIES LTD.
Manufacturer of baking yeast and alcohols.

SALOMON LEVIN ELSTEIN LTD.
The sole distributor of Teva products for the private market.

BIOLOGICALS TEVA (1972) LTD.
Manufacturer of vaccines for veterinary application.

A WEST EUROPEAN COMPANY
A manufacturer of some products in the same line of TEVA

Jerusalem — P.O.B. 1142, Tel. : 02-810790,
Cables : Tevaworks Jerusalem,
Telex : 25359 TEVA IL.

Tel-Aviv — P.O.B. 1423, Tel. : 03-925021,
Cables: Assialgan Tel-Aviv,
Telex : 341863 ASLA IL.

DENTAL-SAHAV, UNGER LTD.
PRECIOUS METALS
TEL-AVIV, 8 HERZL STR., TELEFON 57460
BRANCHES : JERUSALEM, HAIFA.

NATIONAL BREWERY LTD.

Israel's sole producer of beers, and one of the largest breweries in the Middle East, it operates modern breweries in Netanya and Migdal Ha'emek, with their offices in Tel Aviv.

The company also conducts its own distributing company, Beercor, which operates a fleet of modern beverage delivery trucks serving the Greater Tel Aviv area and Haifa.

National Brewery Ltd. produces the best-selling Maccabee beer, which is highly regarded as a premium light beer in Israel and international markets and competes in hotels and restaurants with the finest imported European beers. Its other products include the popular Goldstar lager; pilsen-type OK in cans, as well as the economical Nesher and Abir brands sold in family-size deposit bottles, as well as the Abir-Nesher malt beer, a nourishing brewed non-alcoholic beverage.

The company also produces a full line of Goldsun citrus and carbonated drinks which are marketed throughout the country.

Exports have risen sharply with recognition of the high quality of the Israeli-produced beer. Approximately five million bottles were exported during the past year. Markets include North America, West Africa and Iran. The company was honored by two gold medal awards in the Monde Selection 16th annual world judging of outstanding beers and non-alcoholic beverages, conducted recently in Brussels.

National Brewery Ltd. was purchased from the estate of the late William E. Robinson by a group of investors headed by Murray Goldman of Toronto. It is associated with the Schwartz Brewing Services Ltd. of Canada, affiliated to one of the world's foremost brewing advisory Organizations. Mr. Shmuel Dror is Managing Director of the company.

PLASTIC INDUSTRIES MITZPEH RAMON LTD.

This plant, owned by the National Brewery Ltd. of Israel, started operations in Mitzpeh Ramon in 1966, specializing in the manufacture of plastic cases for beer and other bottled products, replacing obsolete wooden boxes. Easy to handle, the plastic cases eliminate breakage, and simultaneously affords the beverage products a colorful attractive appearance.

CROWN CORK MANUFACTURERS MITZPEH RAMON LTD.

This plant, also owned by National Brewery Ltd. is located adjacent to that of the Plastic Industries. It produces more than 150 million crown-corks annually. Established in 1965, the Crown-Cork plant was the first in Israel to produce a crown-cork with an inner coating of P.V.C. compound, to replace conventional cork inserts This filling ensures completely hygienic closing of bottles.

CIGARETTE MANUFACTURERS IN ISRAEL

DUBEK LTD. and its Subsidiaries

- DUBEK LTD.
- THE ISRAEL CIGARETTE CO. (I.C.C.) LTD.
- ASCOT CIGARETTES CO. LTD.
- LOD CIGARETTES LTD.
- TOBACCO CENTER LTD.
- ALEI TABAK LTD.
- HAIFA INDUSTRIAL BUILDINGS LTD.

The above seven companies are united under the management of Dubek Ltd., the first cigarette manufacturing Company established at the time in Eretz Israel with Jewish labour and capital.

Tobacco Centre Ltd. and Aley Tabak Ltd. purchase the locally grown tobacco directly from the growers, they store and manipulate it at their warehouses at Safed, Acco and Haifa. Each of the four cigarette Companies is producing its own brands and is equipped with up to date machinery and installations, directed and operated by Tobacco experts and skilled technicians in various fields.

The cigarettes produced: over 98% are filter tipped, 89% of the total output is of high quality American and English blend cigarettes. the rest oriental and other types of cigarettes.

The Company produces its own filters to cover most of its requirements.

Dubek Ltd. is a public Company with 12,344,185 paid up Ordinary Shares of IL. 1— each and 4.747.777 8% Ordinary Preference Shares of IL. 2— each. The total of the registered Capital amounts to IL. 50,000,000.

The members of the Board of Directors are:

Mr. Martin Gehl, Herzlia (Pituah), Chairman of the Board
Mr. Zorach Uriel Gehl, Herzliah (Pituah), Man. Dir.
Mr. Haim Milstein, Tel-Aviv
Mr. Moshe Ben-Peretz, Advocate, Haifa
Mrs. Sara Biederman, Tel-Aviv
Mr. Isaac Elman, Tel-Aviv
Mr. Abraham Dubrovsky,Haifa
Mr. Joseph Hachmi, Tel-Aviv.

The Registered Office of Dubek Ltd. and of its subsidiaries: 33. Lilienblum Street, Tel-Aviv.

Telephone: 51611; Cable Address: Dubek Tel-Aviv; Telex: 41238.

Bankers: Bank Leumi Leisrael Ltd. H.O., Tel Aviv
Israel Discount Bank Ltd., H.O., Tel-Aviv.

FACTORIES ADDRESSES:—

- Dubek Ltd., 49 Rabbi Akiva Street, Bnei Brak — Tel. 784151
- The Israel Cigarette Co. Ltd. & Ascot Cigarette Co. Ltd.: 59 Modiin Street. Bnei Brak — Tel. 785102
- Lod Cigarettes Ltd.: Hashmonaim Street, Lod — Tel. 964646
- Tobacco Center Ltd.: Industrial Zone, Safed — Tel. 30492
- Haifa Industrial Buildings Ltd. — Haifa, Tel. 668042

THE ISRAEL PORTS AUTHORITY

The Israel Ports Authority (in Hebrew: Rashut Ha-nemalim) 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.

The Authority is governed by a 15-member Board, appointed by the Government and consisting of 9 representatives of the public, and 6 representatives of Government Ministries.

The Operational Budget for the year 1977/78 amounted to IL. 1.1 milliard. 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 1977/78 amounts to IL. 435 million. This amount will be used for improving cargo handling and for developing the ports, including construction of new wharves, deepening of the harbour by dredging, construction of additional warehouses, etc.

Israel's foreign trade is being expanded continuously, affecting the port's activities and putting new challenges before them.

Actual cargo traffic in all ports (Haifa, Ashdod and Eilat) in 1976/77 was 8.4 million tons, which, it is expected, will increase by more than 100 percent in the coming ten years.

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 Itzhak Rahav.

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 over 50% of all the traffic at Israeli ports.

They have a large organization with competent staff at the 3 Israeli ports of Haifa, Ashdod and Eilat.

M. Dizengoff & Co. Ltd. act as General Agents at the three Israeli ports of the national line ZIM ISRAEL NAVIGATION CO. LTD. and in this capacity their organization serve Israeli importers and exporters in all the trades to and from Israel run by Messrs. Zim.

In addition to the representation of the national line, M. Dizengoff & Co. Ltd. also represent a number of other shipowners:

East Asiatic Co. Ltd., Copenhagen

Transport Commercial Corporation, New York

Haverton Shipping Ltd., London.

Trans-Asiatic Oil Ltd., Tel Aviv.

Unicorn Shipping Lines (PTY) Ltd., Durban.

Compagnie Generale Transatlantique, Paris

In conjunction with Zim, Dizengoff are operating the land-bridge service for the transportation of cargo from Mediterranean ports to East African ports and the Far East, and vice versa.

M. Dizengoff & Co. Ltd. have also specialized in the handling of chemical and other tankers.

Managing Director: Mr. Rafael Kochav.

Main Office: 42/44 Haatzmauth Rd., Haifa, P.O.B. 300, Tel. 643371, Cables: DISHIP. Telex: 46861.

Ashdod Branch: P.O.B. 4001, Tel. 21518-9, Cables: DISHIP. Telex: 31814 or 31836.

Eilat Branch: P.O.B. 11, Tel. 2146-7, 3181, Cables: DISHIP. Telex: 7720.

Tel Aviv Branch: P.O.B. 29442, Tel. 54111, Cables: DISHIP, Telex: 33822 or 341615.

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-Schelde. Paid up share capital amounts to — IL. 35.677.610 — and is held by the Government.

The total number of employees is 1100 among them about 200 technicians and engineers, the majority of which were trained at the Yard.

So far, 42 vessels are in progress and have been built by the Yard, including cargo vessels, naval craft as missile boats, dredgers and floating docks. A 20,000 tons lifting rapacity floating dock was sold to Greece and a similar one to Italy.

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. 749111; Cables:

ISRAYARD; Telex: 45132.

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. J. Sassower, the Chairman of the Board, has been appointed Consular Agent of the USA in Haifa (1.9.1964).

The Main Office is located in Haifa, 37 Ha-atzmaut Road, P.O.B. 698, Tel. 669042, 663145-6; Eilat Branch: P.O.B. 94, Tel. 2365, Ashdod Office: at the Port, Tel. 055-23339; Lod Airport Office: at the Maman Shed, Tel. 971284.



SWISSAIR

The Swissair Representation in Israel was established in 1947 in the Palatin Building, Tel Aviv.

In those days, the company's aircroft 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 the late sixties the company had opened two additional offices in Tel Aviv, one at the Tel Aviv Hilton and its Air Travel Office at 41, Ben Yehuda St. It had already offices in Haifa and Jerusalem. 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.

After the 1973 October War, Swissair planes, and those of its sister company "Balair" brought home the prisoners from Egypt and Syria.

In 1969, Mr. Bruno Greif, an Israeli citizen, was appointed General Manager of Swissair in Israel, which today maintains 7 offices in Israel, employs a team of 70 and operates daily flight between Israel and Switzerland — mostly with the modern wide-bodied DC 10-30 — with excellent world-wide connections.

In October 75, Swissair Mngmnt Isr. moved to new, larger and modern premises at 53, Ben Yehuda St., Tel Aviv, Tel. 24 33 50, which also house terminals of the Swissair world-wide Reservation Computer, as well as the Swiss National Tourist Office, represented in Israel by Swissair.

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, the transportation of bulk cargoes such as grain, potash, phosphates, etc., between foreign ports as well as to and from Israeli ports.

"EL-YAM" started operation with three old 10.500 tons deadweight liberty ships, but anticipating development, soon after its establishment, embarked on a bold and imaginative new building program of modern vessels as "EL-YAM" recognised the economic advantages of large bulkcarriers and foresaw the demand of the world economy for an efficient means of transportation of cheap bulk commodities.

In a period of twenty-five years "EL-YAM" and its subsidiaries have grown to own a fleet of modern vessels agregating 1,750,000 tons deadweight and representing an investment of $ 200,000,000.

The Company maintains offices at Haifa: 3 Habankim Street; Telex 46608; Telephone: 04-510211-7; P.O.Box 182; at Tel-Aviv: 18 Mohaliver Street; Telex: 33734; Telephone: 03-51521-2, 03-55730; P.O.Box 2303.

EL AL ISRAEL AIRLINES

EL AL was established in November 1948, as Israel's National Airline, while the country was being blockaded from all sides and was entirely dependent for its existence on its lanes of sea and air communications with friendly countries located far away. No country — and especially none under blockade — can rely on foreign airlines in order to fulfil its basic needs. It is thus that EL AL was created, and the special circumstances of its creation have had a decisive influence on its role during its existence.

The main shareholder of EL AL, the Israel Government, has defined the objectives of the airline thus: 'to secure and maintain the regular civil airlink between Israel and the outside world in time of peace and war, within the framework of the maximum profitability.'

Commercial operations were started in July 1949 with DC-4 Skymasters and C-46 Curtiss Commados. With a share capital of two million Israel Pounds and a small dedicated staff, the company maintained regular flights to Rome and Paris, and in 1950, with the acquisition of Lockheed Constellation aircrafts, the network was extended to New York and to Johannesburg. In December 1957 EL AL made the bold decision to buy the Bristol Britannia jet-prop airliner. With one exception (BOAC), all other airlines were still flying piston-engine aircraft, and stepping up its Tel Aviv — New York services to five a week, EL AL doubled its share of the Atlantic within a year.

In 1961 the airline began phasing out the Britannia and operated three Boeing 707-420's. Two Boeing 720Bs were added in 1962 and in 1966/67 two Boeing 707-320Bs. By 1969 EL AL's fleet consisted of nine Boeing aircraft, including a Boeing 707-320C, for combined passenger-freight configuration, or all freight purposes. The first two Boeing 747B Jumbos were ordered in 1968 and their number grew to five, with a sixth to be delivered in June, 1978. El AL's fleet consists of fifteen aircraft and ranks among the top airlines in North Atlantic load factors, as well as having one of the highest rates of production and sales per employee, among world airlines. Since Israel's air traffic is 90% tourist motivated, EL AL's economic and commercial doctrine is based on a continuous process of reduction in cost per ton/Km and passenger/Km, through increased productivity and efficiency. In order to develop optimum tourist traffic to and from Israel, EL AL advocated an integrated system of marketing based on low, non-affinity group fares, as a substitute for charter flights.

EL AL operates within three major route patterns. The first and most important economically, is the North Atlantic, between New York, Montreal and Mexico to European gateways. EL AL initiated and remains the only airline offering non-stop Boeing service between Israel and North America. The second network links Tel Aviv with most European capitals and the third comprises EL AL's African routes, to Nairobi and Johannesburg. El Al also flies to Rumania and to Lisbon. EL AL registered net profits for fourteen consecutive years up to 1975/76 and is Israel's second largest single sector earner of foreign currency.

EL AL has 66 offices and representations in 24 countries and 7 in Israel. Total number of employees is currently 5300.

Future expansion envisages extension eastwards from Tehran, as well as westward from the eastern seaboard of North America.

Head Office :
Ben Gurion International Airport
Tel. : (03) 971333.

ISRAEL AIRPORTS AUTHORITY

The Israel Airports Authority (Rashut Sdot Hateufa) was established on June 15th, 1977, by the "Airports Authority Law of 1977". The Authority is defined by the law as a statutory corporation charged with the responsibility for the construction, development, administration maintenance and operation of the international airports. With certain stipulations concerning the need for Government approval the Authority is the owner of all land, structure and equipment of its Airports and is fully empowered to act as a commercial corporate body.

The Authority is governed by a 15 member Board, appointed by the government consisting of 7 representatives of the public, 7 representatives of the government and a chairman.

Following are the budgets for 1977, as approved by the government of Israel and transferred to the I.A.A. and for 1978 (preliminary proposal).

Current budget	**1977**	**1978**
Income		
Total	**293,900**	**523,500**
Tarifs	238,000	438,500
Concessions	55,900	85,000
Expenditure		
Total	**254,200**	**520,200**
Wages	88,400	224,400
Miscellaneous	87,200	108,800
Capital	78,600	187,000
Surplus	**39,700**	**3,300**
Development Budget	**30,200**	**155,000**

Israel's tourism and foreign trade is expanding very rapidly, affecting the airports activities and putting new challenges before them. Bearing this in mind, The Israel Airports Authority plans major development projects to increase the capacity and efficiencies of its airports in order to give the users and the public good service.

Officers of the Authority as of 24.1.78

Chairman of Board : A. REMEZ
Director General : Dr. R. HAREL
Manager Ben-G. Airport : E. BALAS
Manager Eilat Airport : G. POMS
Manager Jerusalem Airport : D. KOSOVITZKY
Head Office : 14 Beit-Hakerem St., Jerusalem, Tel. : 533590-2, 533580-2

THE BEN-GURION AIRPORT — MAIN GATEWAY TO ISRAEL

The construction of B.G. 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 B.G. 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.

From the original 800 m. length and 45 m. width, B.G. Airport runways have been enlarged to meet th growing needs for the Jet age. Today, the airport has three runways, as follows:

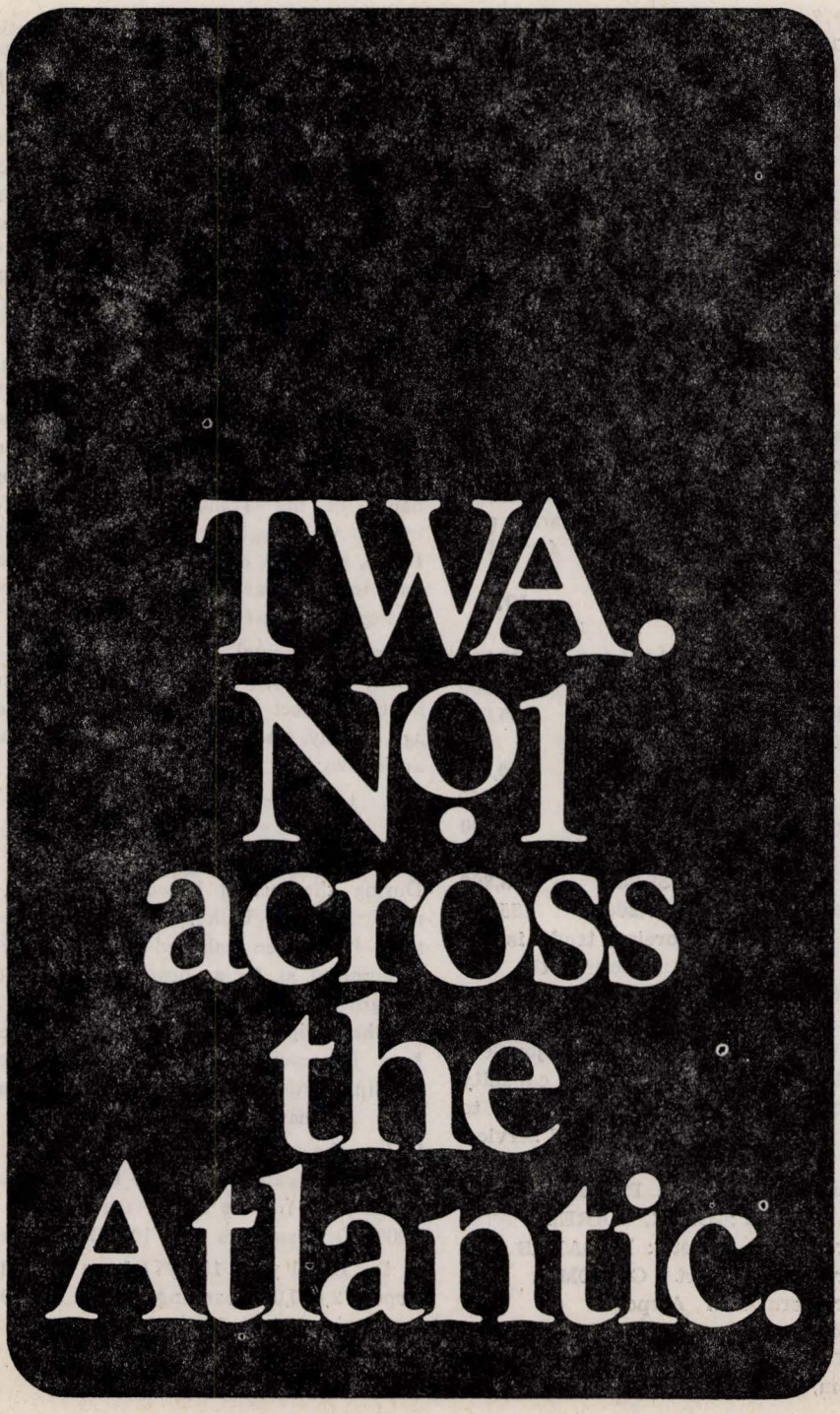
12—30 — 3040 m. × 45 m.
08—26 — 3675 m. × 45 m.
03—21 — 1800 m. × 45 m.

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.

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.

In the fiscal year 1976/77 have passed the airport 2,030,000 passengers and 80,000 ton cargo as against 1,650,000 passengers and 50,000 ton cargo in 1975/76.

(Continuation in page 610)


TWA.
No.1
across
the
Atlantic.

31 YEARS OF ACTIVITY IN ISRAEL

★ **FIRST FLIGHT FROM PARIS TO TEL-AVIV — AUG. 1947**

★ **24 YEARS OF FLIGHTS BETWEEN ISRAEL AND** THE FAR EAST

★ MORE THAN A MILLION PASSENGERS A YEAR IN AIR FRANCE FLIGHTS BETWEEN TEL-AVIV — PARIS TEL-AVIV AND THE FAR EAST

★ **109 AIRCRAFTS — 4 CONCORDE — 9 CARGO**

★ **150 OFFICES IN 72 COUNTRIES**

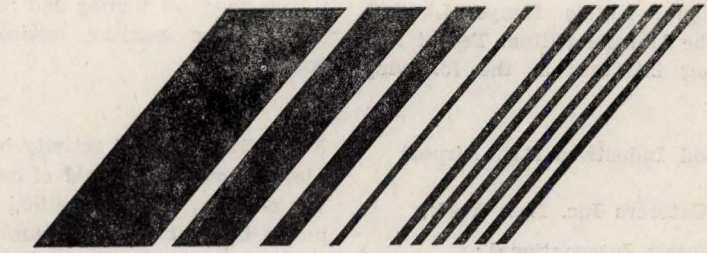
★ **31.000 EMPOYEES ALL OVER THE WORLD 110 IN ISRAEL**

TEL-AVIV: 74, Hayarkon St., Tel. 297211

JERUSALEM: King David Hotel, Tel. 222655
Husseini Bldg., Tel. 282535

HAIFA: 3, Habankim St. Tel. 522946

HEAD OFFICE: 32, Ben Yehuda St., Tel-Aviv, Tel. 297211



AIR FRANCE

TESHET TOURIST ENTERPRISES AND AVIATION SERVICES CO. LTD.

A wholly-owned subsidiary of El-Al, Teshet was established in October 1968 in order to serve as an instrument for furthering El-Al's development. The company was formally registered on June 12, 1969.

The primary purpose of TESHET is to assist El-Al in maintaining the latter's competitive status vis-a-vis other international airlines. This by initiating and administering projects related to the tourist industry and to aviation services.

The aim of TESHET is to :

— ensure that a service or a product used by El-Al be provided at requisite standards and at as low costs as possible ;
— effect savings where ownership or direct management will result in a more economical operation.

Mr. G. Elrom, formerly Vice-President Economics of El-Al, is President of TESHET

Current Projects :

TESHET represents in Israel certain avionic equipment manufacturers. These include United Aircraft International; British Aircraft Corp. and VFW — Fokker; the Company administers El-Al's investment in International Hotels Kenya Limited, owners of the Nairobi Hilton. Teshet also holds varying interests in the following enterprises :

Aircraft Food Industries B.G. Airport (Tamam);
Borenstein Caterers Inc. New York;
Laromme Hotels International ;
Airconsolidators Israel ;
Maman (Freight Terminal) B.G. Airport ;
Kleins Resebureau Stockholm ;
Near East Tours Amsterdam.

ORIENT LLOYD — TRAVEL AND TOURIST AGENCY LTD.

Orient Lloyd is one of the senior travel agencies in Israel. It was founded by German immigrants who brought with them a rich experience in the tourist trade.

With the years the agency expanded and opened a branch in Ramat Gan.

A young and capable team of twelve reliable and experienced people is working today in the two offices under the guidance of their Manag. Director, Mr. Gershon Magon, who started working in the travel and tourist business in 1946 and climbed up the ladder of success. During the last years, Mr. Magon has contributed much in order to raise the standard of the Israeli tourist trade, in his capacity as President of the Israel Tourist and Travel Agents Association.

Orient Lloyd is an authorized agent of I.A.T.A. for all airlines as well as a member of U.F.T.A.A. and A.S.T.A.

The Orient Lloyd offices are characterized by their individual European approach in planning and performing organized tours, offering a large range of touring and recreation facilities with an excellent service at reasonable prices.

Forty-five years of activity brought Orient Lloyd renown in the field of outgoing tourism. The company has a diversified clientele which proves its trust in it by returning every year. Address: 56 Allenby Road, TelA-viv.

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:

J. Wiess, Chairman; Y. Eiferman, Vice Chairman; Dr. D. Cohen, Hon. Treasurer; D. Tavor, com. mbr.; G. Greiver, com. mbr.; M. Sofer, com. mbr.; L. Shapira, com. mbr.; A. Wiess, com. mbr.; Z. Zweig, com. mbr.; P. Molad, Secretary General.
Office: 3 Bugrashov St., Tel-Aviv;
Tel. 243378/9; Cables: AGENTRAV.

GALILEE TOURS TIBERIAS ISRAEL

Founders Reuben and Yael Ben Dori

1963 OPENING OF OFFICE IN TIBERIAS with sightseeing tours around the Sea of Galilee with one tourist car.

1963—1978 Development of company by family effort with reputation for personalized service to all clients. Specialization in complete handling of charter tours, all-inclusive group tours, and individual tours.

ONLY travel agency in Israel with its own transportation department.

1978 OFFICES IN TIBERIAS, TEL AVIV, and JERUSALEM with sightseeing tours throughout Israel and own fleet of 30 luxury tourist cars and busses.

Head Office: 10, Hayarden Street, P.O.B. 250, Tiberias, Israel.

Cables:Galitur, Telex: 649 Galit IL
Telephones: (067-Tiberias) 20550-20330-22660.

Branch Office: 142, Hayarkon Street, Tel Aviv, Israel. Telex: 341331 GlilIL, Telephones: (03-Tel Aviv) 220819-225817-230651.

Jerusalem: 28 King David St.,
Telex: 26261 Desaf;
Telephone: (02-Jerusalem) 221624.

THE ISRAEL HOTEL ASSOCIATION

The Israel Hotel Association represents today over 300 of Israels' foremost hotels and all of Israel's 278 hotels recommended for tourists. The Association is the spokesman and official representative of the Israel hotel industry, and a major factor in Israels' dynamic tourism industry.

The aims and objectives of the Association can be summarized as follows:—

★ To act as the recognized professional trade organization of hotels in Israel.

★ To represent hotels before government and other public bodies and to promote their legitimate interests.

★ To improve the standards of hotels in Israel.

★ To promote and develop Israel's tourism industry.

★ To forge and maintain links with hotels abroad and their representative organizations.

★ To establish economic enterprises to provide hotels with the professional and trade services which they may require.

The Association also provides information and guidance to investors in the tourism industry in Israel, professional advice to members on a wide range of subjects, and the supply of hotel and catering equipment to members through the Israel Caterers' Supply Co. Ltd.

The General Manager is **Mr. M. Amir.**

ISRAEL HOTEL ASSOCIATION

HEAD OFFICE:	TEL AVIV	18, Idelson St., P.O.B. 26278	Tel. (03)298177/8
BRANCHES:	JERUSALEM:	8, Agrippas St.	Tel. (02)222815, 233266
	ELAT:	P.O.B. 1327	Tel. (059)3098
	HAIFA:	29, Hechalutz St.	Tel. (04)666183, 667305
	NETANYA:	2, Stampfer St.	Tel. (053)23863
	ZEFAT:	75, Jerusalem St.	Tel. (067)31075
KIBBUTZ INNS	TEL AVIV:	100, Allenby St.	Tel. (03)614879

רכבת ישראל

ISRAEL RAILWAYS

Plumer Square, Haifa
P.O.Box 44 Haifa
Telephone 04-641761
Tel-Aviv Commercial Section
Telephone 03-268179

KOPEL CONCERN

Kopel Concern consists of 6 major and independent companies. The President and through to the present 1978 tourist-orient-From the birth of the organization in 1938 through to the present 1978 tourist-orientated Israel, the Kopel organization has expanded and developed its services to become the premier tour operator in Israel. With 17 branches in Israel and 3 branches abroad, plus a staff of 300, Kopel Concern offers the most complete tourist operation and services in our country.
Total turnover in 1977 IL. 420.000.000.

1. Kopel Tours Ltd. deals with various activities connected with Incoming Tourism, headed by its Managing Director, Mr. Shmuel Pilovsky CPA (Isr.) As the Number 1 Tour Operator in Israel, Kopel Tours Ltd. handled about 100,000 clients incoming during 1977. The turnover in 1977 was $ 10,000,000 and employs a staff of 170. It also has the franchise of Gray Line in Israel.
2. Kopel Travel (1970) Ltd. deals with outgoing traffic for individuals, groups, conducted tours etc. headed by its Managing Director, Mr. Shmuel Rosenberg. One of its special programs for individual clients is "Kopel 14". Kopel Travel's wholesale division, KESHET, serves all travel agents in Israel.

3. Kopel (Drive Yourself) Ltd. was founded in 1970 with a fleet of 7 cars. Today it operates with 300 cars from mini-cars to mini-buses, headed by its Managing Director, Mr. Isaac Ungar. The company represents Godfrey Davies, Maggiore and Pan American Rent-A-Car Systems. It has its own garage.

4. Conventions (Kopel Tours) Ltd. was founded in 1973 and deals with the organizing of Conventions and Seminars in Israel, headed by its Managing Director Mr. Yigal Yardeni. For the year 1978, Conventions (Kopel Tours) Ltd. will handle 30 International Congresses and events, totalling 10,000 participants. The company is taking an active part in the 30th Year Celebrations of the State of Israel.

5. K Hotels Ltd. a new company starting operations in April 1978, will take over the management of approximately 5 "three-star" hotels which will appeal to popular tourism — headed by its Managing Director, Mr. Bernhard Kohn.

6. K Parking Ltd. a new company starting operations in April 1978 — Atarim Square Parking Lot will be the first we will operate and manage. Its services will include a gasoline station, lubricating and washing services and minor repairs — headed by its Managing Director, Mr. Shmuel Cohen.

HEAD OFFICE :
Kopel Tours Ltd.
21 Tschernichovsky Street, Tel Aviv.
Tel. : 53616; Telex: 32462.

Kopel Travel (1970) Ltd.
14 Frishman Street, Tel Aviv.
Tel. : 246121; Telex: 38961.

Conventions (Kopel Tours) Ltd.
122 Hayarkon Street, Tel Aviv.
Tel. : 222217/8/9 ; Telex: 41132.

Kopel (Drive Yourself) Ltd.
252 Hayarkon Street, Tel Aviv.
Tel. : 452111; Telex: 32462.

K Hotels Ltd., 6 Mendele Street, Tel Aviv;
Tel. : 236898.

K Parking Ltd., Atarim Square, Tel Aviv;
Tel. : 284321.

BRANCHES IN ISRAEL :

Tel Aviv, Jerusalem, Haifa, Nethanya, Herzliya, Beersheba, Eilat, Ashkelon, Ben Gurion Airport.

BRANCHES ABROAD :
40 East 49th Street, New York. N.Y. 10017.

U.S.A.; Tel.: (212) 8380500; Telex: 666534.
Berger Strasse 125-129, 6000 Frankfurt/Main 60 **W. GERMANY;** Tel. : 439498; Telex : 413406.

1, Ashbourne Mansions, Ashbourne Avenue, London NW11 **ENGLAND;** Tel.: 4585131/2; Telex : 8812058.

h.shiff hotels

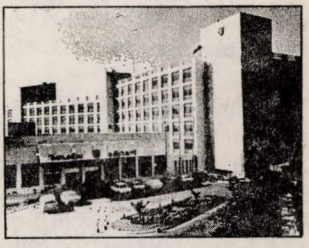
Head Office: Diplomat Hotel
145 Hayarkon St., Tel Aviv
Tel: 03-294422, Tlx: 341753

diplomat hotel jerusalem★★★★★

6, Etzion St., Talpiot, Jerusalem, Tel: 02-710831, Tlx: 25335

An ultra deluxe hotel with a touch of history while overlooking the Dead Sea and Judean Mountains.

500 airconditioned rooms and 25 suites with private bath, telephone, radio and T.V. * 2 Large Dining Rooms * First Class Restaurant * Coffee Shop and Cocktail Lounge * Convention and banquet facilities of 1200 seats * Closed circuit T.V. * Night Club & Bridge Room * Swimming Pool (open air) and large Sun Deck * Shopping Center

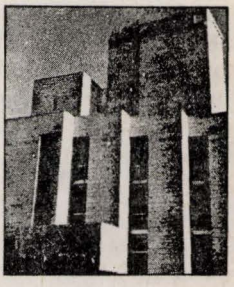


ariel hotel jerusalem★★★★

31, Hebron Road, Jerusalem, Tel: 02-719222, Tlx: 26243

New modern first-class hotel near Mt. Zion, oriental style, overlooking the Old City.

140 airconditioned rooms and 11 suites with private bath, telephone, radio and T.V. * First class Restaurant, Dining Room, Cocktail Lounge, Coffee Shop * Convention Hall and lovely Public Areas * Shopping Center

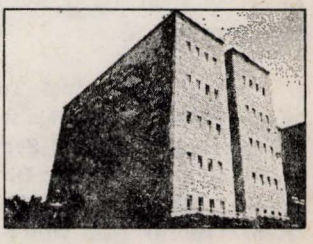


president hotel jerusalem★★★★

3, Achad Ha'am St., Tel: 02-31273, Tlx: 25272

First class Hotel in a quiet residential section, overlooking the old City and within easy reach of all points of interest.

54 rooms with private bath, telephone and radio * Restaurant, Grill Room, Bar, Coffee Shop * Swimming Pool & Garden * Conference and Exhibition Rooms



orgil hotel jerusalem★★

18, Hillel St., Jerusalem, Tel: 02-22461/2/3, P.O.B. 2108

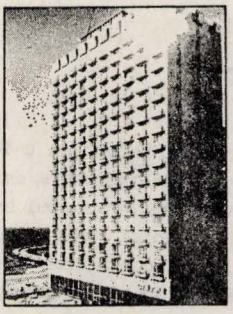
diplomat jerusalem | ariel jerusalem | president jerusalem | orgil jerusalem | marina sharem | diplomat tel-aviv | marina tel-aviv

diplomat hotel tel-aviv★★★★★

145, Hayarkon St., Tel-Aviv, Tel: 03-294422, Tlx: 341753

A new ultra modern deluxe hotel in the heart of Tel-Aviv, directly on the blue Mediterranean beach.

300 airconditioned rooms and suites with private bath, telephone, radio and colour T.V. * First Class Restaurant, Grill Room, Piano-Bar Coffee Shop and beautifully decorated lounge * Various Conference and Banquet Halls * Swimming Pool (open air) and large Sun Deck * Private Beach Facilities * Beauty Parlour * Health Club & Sauna * Shopping Arcade

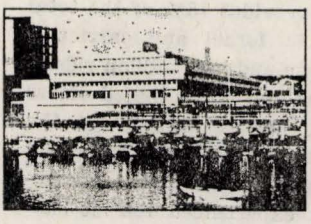


marina hotel tel-aviv★★★★

167, Hayarkon St., Tel-Aviv, Tel: 03-282244, Tlx: 341696

A new modern first class hotel on the seashore in the heart of the city, overlooking the Tel-Aviv Marina.

180 airconditioned rooms and 6 suites with private bath, telephone, radio and television (on request) * Honeymoon Suites * Kosher Chinese Restaurant * Intimate Bar & Conference Hall * Tourist Entertainment and Shopping Centre of the Namir Square * Yachting Club Marina * Directly across the Municipal Swimming Pool

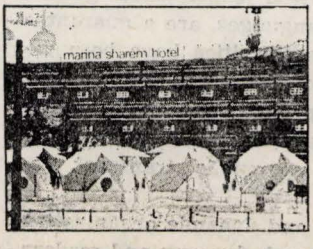


marina sharem hotel ophira★★★★

Mifratz Naama – Ophira, Tel: 057-99226

The most Southern spot of Israel, on the Red Sea Shore.

100 airconditioned rooms, 30 air-conditioned Bungalows with private bath * Restaurant, "White Elephant" Sea-food Restaurant * Bar * Located on Seashore * Services of Diving Club * Diving adventures & Surfing facilities



EGGED ISRAEL COOPERATIVE ASSOCIATION FOR PUBLIC TRANSPORT

Egged is a unique organization in a form of a cooperative, with 5700 members, assisted by 3000 hired workers, employed in all the various departments, who jointly carry out daily the cooperatives ideals, tasks and policy. Its approach to productivity is based on equality, partnership and full democracy by which the members have ownership of means of production, economic independence and the feeling of being in charge of their own fate.

Egged presently owns 3700 buses and motorcoaches operating on 900 urban and cross-country routes, from the Golan-Heights in the north to Sharm-el-Sheik and Offira in the south. Egged provides 78% of the total public transport in Israel and carries a daily average of one and half million riders.

Among its various activities, Egged offers extensive tourist services throughout the country, operating a variety of regular and charter tours. Egged-Tours has became the largest and most experienced tourist carrier in Israel and is proud to offer a wide and diversified selection of tours reaching every single point of interest in the country. Its huge fleet of the latest and most modern airconditioned motor-coaches, as well as its expert drivers, well experienced guides, fluent in many languages, are a guarantee

The cooperative's activities have been recently extended overseas and for the past few years, its experts have been consulting and assisting many Latin American countries in setting-up public transport cooperatives.

Egged is a vital and dynamic organization always on the search for new and modern methods of advanced management and Every elected board does its urmost to prove the efficiency in managing and further developing of the cooperative, striving to achieve ist goals. No effort is spared to meet all national needs of public transport in all times.

Egged is a unique cooperative and as such its thousands of members are sharing the responsibility in handling Israel's public transport, so vital in the development of its nations economic life.

for the best and most efficient services, and a gratifying tourist experience.

The cooperative maintains the 24 most modern bus stations dispersed all over Israel recently built, as well as a network of depots and garages to serve and maintain its fleet of vehicles.

In addition, the Egged parcels department operates a dispatch service to and from every single settlement in Israel.

Since the beginning of the century, when several small public transport cooperatives merged to form Egged, the cooperative has taken roots in the country. Its existence has been based on the principles of honest work, equality of rights and duties, democratic self management, self-provided capital, and the most important aspect is mutual-aid extended to all when needed.

The cooperative's activities have been recently extended overseas and for the past few years, its experts have been advising and assisting many Latin American countries in setting-up public transport cooperatives.

Egged is a vital and dynamic organization always on the search for new and modern methods of advanced management and higher standards of service.

Every elected board does its utmost to prove the efficiency in managing and further developing of the cooperative, striving to achieve its goals. No effort is spared to meet all national needs of public transport at all times.

Egged is a unique cooperative and as such its thousands of members share the responsibility in handling Israel's public transport, so vital in the development of its nations economic life.

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 1200 buses, operates about 79 routes, 19 hours a day. Eight 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 essential 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 and 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 Gal,** head of Traffic dpt.; **Mr. Yehuda Yerushalmi,** head of Internal and Manpower Dept. **Mr. Uzi Eshkol,** head of Maintenance and Workshops depts.; **Mr. Itshak Yardeni,** in charge of the Tourism dept. and Planning.

2. The Maintenance Department is responsible for the cooperative's 1200 Diesel powered buses, 8 garages and 4 parking areas, handling maintenance, testing, cleaning, spare parts, fume prevention, etc. 842 burdened lines. The number of buses being of the buses are new, 100 acquired this year to facilitate service on the heavily serviced at any time does not exceed ten per cent of the fleet. 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.

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 3.335 persons, of whom 2,200 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.

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 Daphna, Tel-Aviv; Tel. 253411.

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.

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:

BARIK DIAMONDS LTD
1976
OUTSTANDING EXPORTER

BARIK DIAMONDS (1947) LTD.

Diamond Manufacturers & Exporters

Tel-Aviv Offices:
Union Bank of Israel
Ramat-Gan, Tel. 258683, 291990
Factory: Natanya, 10 Weizmann Rd.,
Tel. 053-22234.

MENAHEM FRUCHTER, ROUGH DIAMONDS
Office: Diamond Exchange Building, R. Gan, Tel. 252293, 291096, 742650, Rooms 501-4-13-14.

GOLDFINGER & FLUK LTD.
DIAMOND FACTORY
43, Levanda St., Tel Aviv; Tel. 38102.
Office: Diamond Exchange Bldg., R. Gan, Tel. 257726.

J. H. GOLDMAN & CO.
Diamond Manufacturers & Exporters
Office: Diamond Exchange Building, R. Gan, 15th Floor; Tel. 262783; 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.

LUSTIG BROTHERS LIMITED
DIAMOND WORKS
Polishing three Caraters to 30 Per Carat Brilliants and Fancies.
Office: Diamond Exchange Building, R. Gan.

Rooms 609-10-17. Tel. 253514, 257719.
Cables: Achlus Telaviv.
Telex: 032481 GEM 11
Tel. Res. 261542, 938703.

ORAH DIAMONDS LTD.
Manufacturers of all makes and sizes of Diamonds.
Factory: 26, Tuval St., Ramat Gan, Tel. 737196.
Office: Diamond Exchange Bldg., R. Gan, Tel. 260414, 264648.

PAZ DIAMONDS, Producers, Importers, Exporters
Owners: Fuzailoff Bros.
Office: Diamond Exchange Bldg., Ramat Gan; Tel. 253371; Telex: 033-564.

SYNDIAM — ROUGH DIAMONDS
Office: Diamond Exchange Building, R. Gan, Tel. 257726/7.

★

MOLDAWSKY BROS LTD.

On of the oldest manufacturers and exporters of diamonds in the country.

MOLDAWSKY BROS. LTD.
Office: Diamond Exchange Building, R. Gan,
Rooms: 1601-1604, 1613-1616;
Tel. 252631, 254632.

MENACHEM FRUCHTER

ROUGH DIAMONDS

★

DIAMOND EXCHANGE BUILDING, RAMAT GAN / ROOMS 501-514 /

TEL. 252293; 291096; 742650 **CABLES: FRUDIAM RAMATGAN**

MOLDAWSKY BROS. LTD.

DIAMOND MANUFACTURERS & EXPORTERS

30 YEARS

IN THE DIAMOND TRADE
OVER 15 MILLION DOLLARS YEARLY EXPORT
ALL OVER THE WORLD

Director: ARIE MOLDAVSKY, Diamond Exchange Bldg., 16th Floor, Rooms 1601—4, 1613—16, Jabotinsky Rd., Ramat-Gan (Israel), P.O.B. 3054 Ramat-Gan;
Phone: 252631; Telex: 341142 MOLAR ISRAEL;
Cables: MOLDAWACH TELAVIV

Paz Diamonds Israel

IMPORT
MANUFACTURING
EXPORT

OF ALL KINDS OF
DIAMONDS



Certificate being awarded by the f. President of the State of Israel. Mr. Zalman Shazar and Minister Zeev Sharef.

OUTSTANDING
EXPORTERS

יצואן מצטיין
1970
OUTSTANDING EXPORTER

Offices: THE ISRAEL DIAMOND EXCHANGE BLDG. 1st floor
RAMAT GAN • ISRAEL

Tel. 253371/2 • Telex 33-564

THE HERUT MOVEMENT

"The Herut Movement in Eretz-Israel" was founded in July 1948 by veterans of the Irgun Tsevai Leumi (IZL) and of the Revisionist Party who carried on the teachings and Philosophy of Ze'ev Jabotinsky.

The fundamentals of Herut's national viewpoint are :

★ Liberation of the entire homeland ★ concentration of the Jewish People in it ★ defence of its sovereignty and ★ nurturing its unique culture. Its philosophy is based on freedom of the individual, social justice and the supremacy of law. The Herut Movement desires to inculcate the eternal values of Israel's Torah in the life of the nation. It is opposed to every form of totalitarian rule, fascist or communist, and to every attempt to impose economic or political totalitarianism.

The Herut Movement stands for a democratic political system in Israel — for safeguarding human and civil rights, for freedom of conscience and against any discrimination based on ethnic, class or party background.

The Herut Movement strives for separation between the roles of government and employer, against all kinds of trusts and monopolies, for development of private initiative, for the absorption of immigrants, for strengthening the state and raising the standard of living of its citizens.

It is the purpose of the Herut Movement to propagate all these ideas and to implement them in theory and practice, according to teachings of the Father of the Hebrew Revolution — Zeev Jabotinsky.

The slogan of the Herut Movement is : integrity of the homeland, ingathering of exiles, social justice and human freedom.

In 1965, the Herut Movement together with the Liberal Party established Gahal — the Herut-Liberal Block. This was one year after the Tchelet-Lavan (Blue-White) Faction of the Herut Movement joined the General Federation of Labor in Eretz-Israel (Histadrut).

On the eve of the Six Day War, Gahal joined the National Unity Government and the Chairman of Herut, Mr. Menahem Begin became Minister without Portfolio. After the 1969 elections, the National Unity Government was reconstituted, this time with the participation of six Gahal cabinet ministers, three of whom represented Herut. In August 1970, the Gahal ministers resigned from the government because it accepted the Rogers initiative and committed itself to repartition Eretz-Israel.

On May 17th, 1977, the election returns Knesset, in 1973, Gahal established the Likud, together with the State List, the Free Center and the Labor Movement for an Undivided Eretz-Israel. The latter three parties later joined together in "La'am" — the State Labor Movement", within the Likud, and on the eve of the elections to the Ninth Knesset, in 1977, the Ahdut Party, too, joined the Likud.

On May 17th, 1977, the election returned to the Ninth Knesset made the Likud the largest party in the Knesseth with 43 seats. The merger of "ShlomZion " with the Herut Movement added two mandates to the Likud faction, so that it reached a total of 45 Knesset members of whom 21 represent the Herut Movement. Mr. Menahem Begin, Chairman of the Movement, set up the government with himself as Prime Minister and four additional cabinet ministers who are Herut members.

The government's first months were marked by a new political, social and economic system. An era of liberal economic reforms began. Israel's international status was strengthened and her ties with world Jewry reinforced. For the first time the Government of Israel initiated a peace programme for the region that is in conformity with Jabotinsky's teachings, and a direct dialogue with Egypt commenced.

The Herut Movement holds biennial national conventions to which the delegates are elected by democratic, secret and equal balloting. The National Convention elects the Chairman of the Movement, the National Council, the Central Committee, the Supreme Tribunal and the Supreme Control Commission. The Central Committee elects the Chairman of the Executive Committee

(Continuation in page 610)

THE WORLD LABOUR ZIONIST MOVEMENT

The World Labour Zionist 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 Alliance of America (comprising Poale Zion, Farband and the 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; France, Belgium; Holland; Switzerland; Sweden; Italy; Denmark and Austria.

The Women's organization "Pioneer Women" — Na'amat with centres in 12 countries is affiliated to the World Labour Zionist Movement. The largest centre of the movement is 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 local Labour Zionist Movements. In the Latin American countries there are youth groups 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 a world framework has been set up. Chaim Chesler is the Secretary General of the World Mishmeret Hatzeira.

At the world conference held in Israel in 1964 it was decided to set up an Institute for Movement Education in the name of Moshe Sharett 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 created Hugei Aliya in the various countries with the aim of preparing those willing to come and settle in Israel. The Department for Information has published a series of booklets in three languages, dealing with current Jewish and Zionist problems which has had a wide distribution. (A monthly series, "Attitudes" and another "Considerations and Opinions"). The Movement has recently begun issuing two other publications: "Meida" and "Hed... lines from Israel".

At the 6th World Conference of the World Labour Zionist Movement held in Jerusalem on the 13-15 February 1978 it was decided to transfer the world centre of the movement to Jerusalem. Changes were also introduced into the structure of the movement. Yigal Allon, M.K., was elected Chairman of the World Movement and Yehiel Leket, General-Secretary.

The World Conference of the Movement will convene once every four years and this is the highest authority of the movement. The Conference will discuss and decide on all matters pertaining to the movement. The Conference will elect:

The Chairman of the World Movement
The General Secretary of the World Mvmt.
The World Bureau
The Control Committee

The Conference is empowered to delegate authority to the World Bureau.

The Movement will be directed by the World Bureau composed of 46 members:
19 from Israel
19 from the movement abroad
1 representative of Soviet Jewry
7 members by virtue of the positions they hold.

The address of the Movement is:
The World Labour Zionist Movement
5 Diskin St., Jerusalem.

MAPAM — UNITED WORKERS' PARTY IN ISRAEL

Mapam, the Israel United Workers' Party, was founded in January 1948, by worker and pioneer groups prominent in the establishment of Kibbutz settlements and in the development of the country.

Mapam participated in the Provisional Government and in the coalitions following the third and fourth Knesseth elections; after the 1965 election, Mapam joined the L. Eshkol Government, and later Golda Meir's and Itzhak Rabin's governments, as part of the Alignment. Since the 1977 election, the Alignment is in opposition.

The Party's policy calls for a planned vigorous economy aimed at guaranteeing successful immigrant absorption and a stable, sufficient livelihood of Israel's workers; it leads the campaign for full civil rights for the Arab minority. Its foreign policy calls for a stable peace based on the independence and territorial integrity of all the states in the Middle East, on secure and recognized borders, — Mapam calls for negotiations between Israel and the Arab States as well as with peace-seeking Palestinian forces which recognize Israel's right to independence and will be ready to make peace agreements with her based on UN Security Council resolutions 242 and 338.

Until the achievement of such peace, Mapam is in favour of interim agreements with each one of her neighbours, as well as negotiating — at the Geneva Peace Conference — for an overall settlement.

Mapam publishes the daily newspaper "Al Hamishmar" and the theoretical bi-monthly "Basha'ar", as well as monthlies in Yiddish, Arabic, Roumanian and Persian, a bi-weekly in Bulgarian and a "Mapam Bulletin" in English every three months.

Officials :

Meir Talmi, M.K. — Secretary General
Victor Shemtov — Political Secretary
Elazar Granot — Secretary of the Central Committee
Edna Sharir — Spokesperson

Members of the Knesseth :

Meir Talmi, Chaika Grossman, Naftali Feder, Moshe Amar and Imri Ron.

Central Office : 4, Itamar Ben-Avi St., Tel-Aviv, Tel. : 03-266244.

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THE OLYMPIC COMMITTEE OF ISRAEL

Set up as early as 1933, historical circumstances prevented the Israel Olympic Committee from any practical activities until as late as 1952: only in 1952, when — recognized by the competent internatinal bodies — th Israel Olympic C'tee has been in a position to send a delegation of 26 sportsmen to the games held that year in Helsinki. In 1956, hindered by military events (the Sinai Campaign), we have been able to delegate to Melbourne only a token team of 5. In 1960, the Israeli Olympic delegation numbered, in Rome, 32 sportsmen; at the Tokyo games, in 1964, Israel had 10 sportsmen, and an Israeli football referee was in charge of the final game. The Israeli Olympic Committee is responsible for organizing the Israeli Representation to the Asian games as well; since their renewal in 1954 at Manila, Israeli sportsmen have won: 2 gold medals, 1 silver medal, 1 bronze medal (1954); 2 bronze medals (in Tokyo 1958); 3 gold medals, 5 silver medals and 3 bronze medals (in 1966). The same Committee gives its patronage also to two other international sports events: he Maccabiah and the "Hapoel" Games.

At the 1966 Bangkok Games, the National Basketball team has won, in addition to other medals, the Gold Medal for first place at the Asian Games.

Israeli sportsmen were also very successful in the Asian Games held in Bangkok, Thailand, in 1970. They won 15 medals, including 6 gold medals, 6 silver medals and 3 bronze medals. Particular success was accomplished by the Israeli team in Track & Field, the "Queen of Sports", setting several new Asian records. The Israeli National basketball team won a silver medal. The Israeli marksmen were likewise successful, having won gold, silver and bronze medals.

At the Teheran Games 1974 new records were achieved by Israeli athlets. Esther Roth (sprinter) was again at her best and the swimmer Dan Brenner became the fastest swimmer in the Asian Continent (100 m. free style). The Basketball team won a Gold Medal and the Football team — a silver medal.

At the 1976 Olympic Games Montreal Esther Roth (sprinter) was 6th at 100 m. hurdles and weightlifter Edward Weitz was 5th at weightlifting 60 kgs.

The President of the Olympic Committee is Mr. Isaac Ofek; Vice-president Mr. Haim Wein; Hon. Secretary Mr. Haim Glovinsky; Hon. Treasurer Mr. Isaac Caspi.

Address: 6 Ha'arbaa Str., Tel-Aviv; Tel. 267359.

SPORT ASSOCIATION "HAPOEL"

The first "Hapoel" Club was founded in 1924 in Haifa, by a small group of young workers whose main goal was not to have "sport for its own sake" but rather an instrument for the health of the workers and the solidarity of the laboring class. Two years later (1926), "Hapoel" formed its national frame and selected the slogan — "The Health of the Worker assures his triumph".

One year later (1927) "Hapoel" became a member of the S.A.S.I. (Socialist Workers Sports International). After the 2nd World War this association has been revived and functions under the name of C.S.I.T. "Hapoel" has been an affiliate of the General Labor Federation in Eretz-Israel from its beginnings and since those days a loyal adherent to its ideology and a recipient of its support.

In its 50 years of progress, "Hapoel" has become the largest sport association in numbers (in 1977: 1085 clubs with over 120,000 members) and outstanding in quality. From its ranks have come forth record holders and national champions almost in all sports.

Today "Hapoel" is the prime sports organization in Israel and is active in 19 sports branches: track and field, wrestling, weight-lifting, judo, gymnastics, swimming, water-polo, football (soccer), basketball, volleyball, handball, fencing, shooting, tennis, table-tennis, cycling, sailing, canoeing and chess.

In all of these sports, Hapoel is a member of the national sports federations and supplies the majority of athletes for the national terms which take part in international competitions. "Hapoel" is also represented on the Israel Olympic Committee.

In addition — "Hapoel" continues its tra-

dition in developing regular mass activities — marches, cross-country runs, long-distance swimming events and similar events, in which participation, rather than victory, is stressed. In 1977 more than 120,000 participated in the abovementioned activities.
Other activities run by "Hapoel" are the programs designed for youth movements, contests and tournaments for industrial employees, workers in institutions and offices, as well as for working women and housewives, many of whom are organized in groups for physical fitness and recreational gymnastics.
Being the biggest sport association in Israel — "Hapoel" clubs cover urban as well as rural locations, Jews and Arabs. The "Hapoel" ranks includ even a soccer league of Negev Beduins.
"Hapoel" has been participating since 1931 in international sports gatherings, in which the participants are athletes from labor's ranks, as well as many outstanding international athletes.
Every four years, "Hapoel" convenes its members to evaluate its activities and to demonstrate its achievements in the "Hapoel Games" which have become the biggest sports event in Israel. The next "Hapoel Games" are scheduled for May 1979, and will attract again participants from all over the world, as well as thousands of Israeli participants.
8, Rehov Haarbaa, P.O.B. 7170, Tel-Aviv; Tel. 260181/5.

BEN-GURION AIRPORT

(Continuation from page 591)

In the current year, B.G. Airport has employed 1200 workers; its total income budget 1976/7 is IL. 200,000,000, and the expenses IL. 185,000,000; the development budget for the a/m year is IL. 27.5 million.

General Manager: Mr. Ezra Ballass.
Address: Ben-Gurion Airport, Lod.
Tel. 972615, P.O.Box 7, Telex: 1127.

HERUT MOVEMENT

(Continuation from page 605)

and its members.
Organizational institutions affiliated with the Herut Movement are: Brith Herut-Hatsohar (Herut-Revisionist World Union), the Tchelet-Lavan Faction (in the Histadrut), the Betar Youth Movement, the Betar National Sports Center, the Herut Women's Organization, Assn of IZL Veterans, Ahdut Israel, Betar Youth Towns, Herut-Betar settlements and the Monthly "Be'Eretz-Israel".
There are 160 branches throughout the country and the Center of the Movement is in Beit-Jabotinsky — "Metsudat Zeev". 38 King George St., Tel-Aviv — Tel. 248261. P.O.B. 23062.

KUPAT HOLIM

THE HEALTH ORGANIZATION OF THE WORKERS OF ISRAEL, EXTENDS MEDICAL AID TO 75 PER CENT OF THE POPULATION

(Continuation from page 476)

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 29th anniversary.
The Central Office is situated at 101, Arlosoroff St., Tel-Aviv, Tel. 262211.

PARDESS

(Continuation from page 572)

its establishment the plant has succeeded in annually increasing its intake capacity of fruit, broadening its market in the country and abroad, through the preparation of special products, and was a factor in the use of citrus fruit and the stability of its prices to industry.
In the first season 1961/62 the plant processed 6,000 tons of fruit and export sales totalled 278,000 dollars. In the last season the plant processed 85,000 tons of Citrus fruit and export sales totalled $ 10,000,000.
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ERRATA

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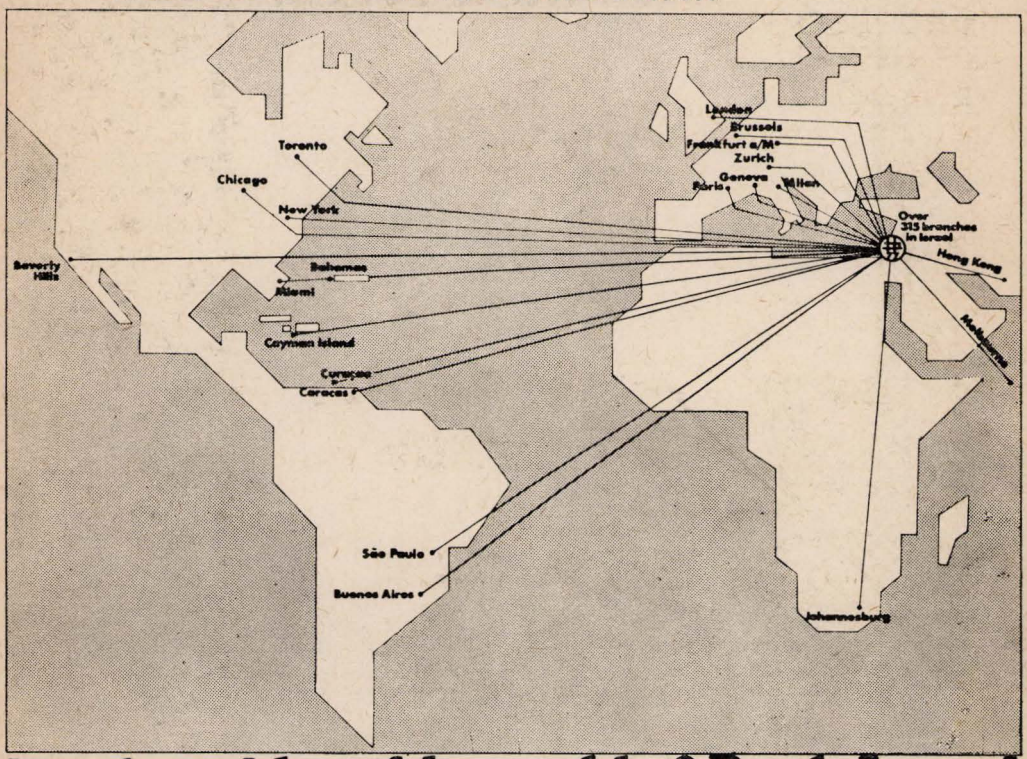
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