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Abel, Emil, prof. of chemistry; b. Vienna 2 June 1875, d. London 3 Apr. 1958. *E*: 1938 U.K. *Cit*: Aus. *F*: Lawyer. ∞ Married.

Att. T.H. Vienna; 1898 Dipl.-Ing. then studied at Univ. Göttingen; Dr. phil. under Walter Nernst. 1905–38 mem. fac. T.H. Vienna: 1905 recd. first teaching license for phys. chem. 1919 a.o. Prof. and fdr. Inst. for Phys. Chem. 1923– o. Prof.; 1938 dismissed. Concurr. 1909– taught at Univ. Vienna. 1938 emigr. to U.K. Cont. res. work, incl. dev. of dry cell battery. Mem. Free Aus. Movt. Est. successful new school of chemists at T.H. Vienna. E.A., with Rudolf Wegscheider, was a leading physical chemist in period between the two World Wars. Carried out internationally recognized res. work, esp. in fields of chemical catalysis (intermediate-reaction catalysis), kinetics (isotope effect) and thermodynamics. Mem: Aus. Acad. of Scis. (corresp. mem. 1929). Royal Inst; Royal Inst. of Chem. (fel. 1945); Assn. of Aus. Chems. (hon. mem.). Recd: Haitinger Prize, Aus. Acad. of Scis. (1916); Golden Engr. Dipl. Vienna (1949).

Biblio: *Theorie der Hypochlorite* (Vienna, 1904); *Hypochlorite und elektrische Bleiche* (1905); others; contrib. more than 100 arts. in sci. tech. journals. incl. *Zft. für physikalische Chemie*, *Zft. für Elektrochemie und angewandte physikalische Chemie*, *Zft. für anorganische und allg. Chemie*, *Monatshfte für Chemie*, *Berichte der deutschen Chemischen Ges*; further biblio. in *Poggendorff* (vols. 3–7a), *G.K.* (1925, 1954). *Lit*: G.M. Schwab, *Zft. für Elektrochemie* (vol. 59, 1955); P. Cross, *Zft. für Elektrochemie* (vol. 62, 1958); *Nature* (181, 1958). *Arch*: S.P.S.L. *Sources*: *Arch*, *Hand*, *Journ.* — *IFZ*.

Abeles, Paul William, civil engineer; b. Mistelbach near Vienna 17 Jan. 1897. *R*: Jewish. *E*: 1939 U.K. *Cit*: U.K., fmlly. Aus. *F*: Ludwig A., b. Nikolsburg, Moravia, Aus. (Mikulov, C.S.S.R.) 1856, d. Vienna 1933, Jewish, timber merchant, mem. exec. comm. Israeliische Kultusge. *M*: Sophie Pisk, b. Nikolsburg 1861, d. Vienna 1938, Jewish. *S*: Erwin, b. Mistelbach 1882, d. Cleveland, Ohio 1947, engr. emigr. to U.S.; Friederick Geist, b. Mistelbach 1883, d. Vienna 1932. ∞ (none). *C*: (none).

1915–28 att. T.H. Vienna; 1921 Dipl.-Ing., 1928 Dr.-Ing. Concurr: 1917–18 serv. Aus.-Hung. Army; 1921–22 engr. with local bldg. auth. in Recklinghausen, Westphalia; 1922–29 design engr, later chief design engr, N. Rella and Neffe, Vienna. 1929–38 consult. engr, Vienna, spec. in reinforced concrete and indus. design in var. cent. Eur. countries. Aug. 1939 emigr. to U.K. 1941–44 consult. engr, London. 1944–62 with Chief Civil Engr, Brit. Railways, E. Region, London. Concurr: 1949–55 lect, Brixton Sch. of Building; 1952, 1954 guest lect, Am. colls; 1962– res. fel, Univ. Southampton. 1965–67 vis. prof. of engr, Duke Univ, N. Car. 1967–68 vis. prof. of engr, Univ. Kentucky. 1969– consult. engr. with Jan Bobrowski and Partners, London. Res. on fatigue in concrete, ultimate load, sheer and cracking in prestressed concrete; design dev. in the use of prestressed concrete and tensioned steel members. Var. Am. and Brit. patents. Mem: Intl. Assn. Bridge and Structural Engrs; Alloy Casting Inst. (mem. var. comms.); Am. Soc. Civil Engrs; Prestressed Concrete Inst; others. Recd: Martin Korn Prize (1962) and Medallion Award (1971), both from Prestressed Concrete Inst; hon. mem. Concrete Soc, London (1972); also recd. awards from Inst. Structural Engrs. and Reinforced Concrete Assn. A: (1978) London.

Biblio: "Über die Wirkung von Entlastbögen bei gewölbten Brücken" (diss, T.H. Vienna, 1927); *The Principles and Practice of Prestressed Concrete* (New York, 1949; London, 1949, 1952); *An Introduction to Prestressed Concrete* (vol. 1, 1964; vol. 2, 1966); co-auth, *Prestressed Concrete Designers Handbook* (London, 1962; 2nd ed. New York, Slough, Eng, 1976); contrib. num. arts. to prof. journals. *Sources*: *Hand*, *Qu.* — R.F.J.I.

Abeles, Robert Heinz, prof. of biochemistry; b. Vienna 14 Jan. 1926. *E*: 1939 U.S. *Cit*: 1944 U.S. *F*: Ernest A. *M*: Carolyn

Schwartz. ∞ 1948 Barbara Anne Mincher. *C*: Lisa Joy; Steven Leon.

1939 emigr. to U.S. 1944–46 serv, U.S. Army. 1950 M.S., Univ. Chicago. 1950–51 assist. dept. of pediatrics, Univ. Chicago. 1954–55 fel, Arthritis and Rheumatism Found, Univ. Colorado. 1955 Ph.D., 1955–57 post-doctoral fel, Harvard Univ. 1957–60 assist. prof. of chem, Ohio State Univ. 1960–64 mem. fac, Univ. Michigan: 1960 assist. prof. of biochem, 1961 assoc. prof. 1964– mem. fac, Brandeis Univ, Waltham, Mass: 1964 assoc. prof, 1967– prof. Res. in enzymes. Ed, *Journ. of Biol. Chem.* Mem: Am. Chem Soc; Am. Soc. Biol. Chems; A.A.A.S. A: Newton Centre, Mass.

Sources: *Hand.* — R.F.J.I.

Abelmann, Walter H., prof. of medicine; b. Frankfurt/M 16 May 1921. *R*: Jewish. *E*: 1933 Switz, 1939 U.S. *Cit*: 1944 U.S. (dual), fmlly. Ger, 1935 Switz. *F*: Arthur A., b. Riga, Latvia, Russia (U.S.S.R.) 1888, d. Zurich 1934, 1933 to Switz. with fam. *M*: Else Weill, b. Zurich 1893, Jewish, att. Höhere Töchterersch, Zurich, 1939 to U.S. with children, active in Selfhelp. *S*: Edith Leopold, b. Frankfurt/M 1923, Ph.D., sociol. ∞ 1958 Rena I. White, b. Boston 1926, Jewish, 1948 B.A., pre-retirement consult. *C*: Nancy A., b. 1959, att. Harvard Univ; Ruth E., b. 1960, att. Lawrence Univ, Appleton, Wisc; Arthur W., b. 1962, att. Dartmouth Coll, Hanover, N. Hamp; Charles H., b. 1964, student.

1933 emigr. to Switz. 1934–39 att. Gym, Zurich. 1939 emigr. to U.S. 1939–40 att. Univ. Virginia, Charlottesville. 1940–43 att. Harvard Coll; 1943 B.A. 1943–46 att. Univ. Rochester, N.Y.; 1946 M.D. 1946–47 intern, Boston City Hosp. 1947–48 assist. resid, Mml. Hosp, New York. 1948–50 rose from lieut. to capt, U.S. Army med. corps, Gen. Hosp, Okinawa. 1950– mem. fac, Harvard Univ. Sch. of Med: 1950 fel, 1951 assist, 1953 instr, 1955 assoc, 1958 assist. prof, 1964 assoc. clin. prof, 1969 assoc. prof, 1972 prof. of med. Concurr: 1951–74 res. fel, later assoc. physician, Thorndike Mml. Lab, Boston City Hosp; 1953–60 assoc. with Am. Heart Assn: 1953–55 res. assoc, 1955 established investigator; 1968– lect. in med, Tufts Univ. Sch. of Med, Medford, Mass. 1974– prof. of med, Harvard-M.I.T. Div. of Health Scis. and Technol, Cambridge, Mass; 1977– chmn. of its Bd. of Tutors and Advs. Consult. for var. orgs. Mem. ed. bds: 1965–67 assoc. med. ed, *The Heart Bull*; 1966–72, 1977–80 *Am. Heart Journ*; 1969–75 *Journ. of Molecular and Cellular Cardiology*; 1972–75 *N. Eng. Journ. of Med*; 1976– *Am. Journ. of Cardiology*; 1977– *Am. Coll. of Cardiology Extended Learning*. Invest. cardiovascular and pulmonary aspects of various conditions such as pregnancy and alcohol use, and diseases such as hepatitis, cirrhosis of the liver, and diseases of the heart. Fel: Am. Coll. of Cardiology (mem. bd. of trustees 1977– and of var. comms.); Am. Coll. Physicians. Mem: Am. Heart Assn. (mem. bd. of dirs. 1975–78; mem. and chmn. of var. comms.); Assn. Univ. Cardiologists (pres. 1972–73).

Biblio: Co-auth, "Cardiovascular Effects of Exercise in Hamsters with Experimental Thiamine Deficiency," *Japanese Circulation Journ.* (vol. 43, 1979); co-auth, "Increased Myocardial Catalogue in Rats Fed Ethanol," *Am. Journ. of Pathol.* (vol. 96, 1979); co-auth, "The Direct Effect of Tobacco Smoke on the Intrinsic Mechanical Properties of Cardiac Muscle," *Environmental Res.* (vol. 20, no. 2, 1979); co-auth, "Resistance of Contracting Myocardium to Swelling Following Hypoxia and Glycolytic Blockade," *Cardiovascular Res.* (vol. 13, 1979); co-auth, "Acute Hemodynamic Effects of Cigarette Smoking in Man Assessed by Systolic Time Intervals and Echocardiography," *Circulation* (vol. 60, 1979); contrib. more than 150 chaps. to books and arts. to prof. journals. incl. *N. Eng. Journ. of Med*, *Journ. of Clin. Invest.* *Am. Journ. of Med.* *Am. Heart Journ.* and *Am. Journ. of Cardiology*; for complete biblio. to 1979 see R.F.J.I. *arch. Sources*: *Hand*, *Qu.* — R.F.J.I.

Aber, Adolf, musicologist; b. Apolda, Thuringia, Ger. 28 Jan. 1893, d. London 21 May 1960. *R*: Jewish. *E*: 1933 U.K. ∞ Mignon Platky.

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Studied music, philos. and hist. at Univ. Berlin. Att. Berlin Acad. of Music, studied under Kretzschmar, Friedländer and Wolf. 1913 assist. to Kretzschmar at Berliner Musikhistorisches Sem. 1919 Dr. phil. Univ. Berlin. 1918–33 music critic for *Leipziger Neueste Nachrichten* and *Allg. Musikztg.* Active in fostering mod. music, giving support to cond. → Hermann Scherchen's perfs. of → Ernst Křenek's *Jonny spielt auf* and → Kurt Weill's *Mahagonny*. 1927 partner in music publ. firm Friedrich Hofmeister (Edition Germer). 1933 emigr. to U.K. 1933– with Novello and Co. publ. firm, 1936 mem. bd. of dirs; promoted publ. of Ger. composers. 1950– dir. of Perf. Right Soc. Recd. Grosses B.V.K. Fed. Repub. Ger. (1953).

Biblio: *Studien zu J.S. Bachs Klavierkonzerten*, *Bach Jahrbuch* (vol. 10, 1913); *Die Pflege der Musik unter den Wettinern und wettinischen Ernestinern von den Anfängen bis zur Auflösung der Weimarer Hofkapelle, 1662* (Bückeburg, 1921); *Handbuch der Musikliteratur in systematisch-chronologischer Anordnung* (Leipzig, 1922; Wiesbaden, 1967); *Die Musikinstrumente und ihre Sprache* (Berlin, 1924); *Die Musik im Schauspiel, Geschichtliches und Ästhetisches* (Leipzig, 1926); auth. of intro, Johannes Brahms: *Verzeichnis seiner Werke* (Leipzig, 1928); short biogs. of Bach, Beethoven, and Brahms, all in Ger; ed. of instr. books for cornet and saxophone, also ed. 16 vols. of studies for wind instruments and colls. of Ger. folk dances; contrib. num. arts. in Ger. and Eng. to prof. journals. **Sources:** Hand, Print. — R.F.J.I.

Abraham, Claude Kurt (fmly. Kurt Jakob Abraham), prof. of French; b. Lorsch, Hessen, Ger. 13 Dec. 1931. *R:* Jewish. *E:* 1938 Fr, 1946 U.S. *Cit:* 1952 U.S. fmly. Ger. F: Siegmund A, b. Lorsch 1892, d. in Holocaust, Jewish, merchant, 1939 to Fr, 1942 deported to E. Eur. M: Johanna Wachenheimer, b. Zwingerberg, Hessen, Ger. 1904, d. in Holocaust, Jewish, 1939 to Fr, 1942 deported to E. Eur. ∞ 1956 Marcia Edythe Phillips, b. Cincinnati, Ohio 1937, Jewish, B.A., concert pianist, piano teacher. C: Susan Jacqueline, b. 1959; Stephen Edward, b. 1960; Catherine Gail, b. 1961; Linda Anne, b. 1967.

Dec. 1938 emigr. to Fr; lived with rels. in Paris; parents arrived Jan. 1939. 1942 interned in Gurs, Rivesaltes, and Drancy concentration and internment camps. When parents were deported, C.A. escaped camp; aided by Fr. underground group which placed him in boarding sch. under an alias. 1946 emigr. to U.S. Supported by rels. 1949–56 att. Univ. Cincinnati, Ohio; 1953 B.A., 1956 M.A. Concurr. 1953–55 serv. U.S. Army in Korea. 1956–59 att. Indiana Univ., Bloomington; 1959 Ph.D. 1959–64 mem. fac, Univ. Illinois: 1959 instr., 1961–64 assist. prof. 1963, 1964 instr. at summer insts, Rockford Coll, Ill., and Pennsylvania State Univ. 1964–75 mem. fac, Univ. Florida, Gainesville: 1964 assoc. prof., 1970–75 prof., 1972–73 assist. dean, grad. sch. Concurr. 1969 recd. N.E.H. grant; 1974 co-ed. of papers on 17th cent. Fr. lit. 1975– prof. of Fr, dept. of Fr. and It, Univ. California, Davis. Consult: Univ. Alabama Press; *Kentucky Romance Quart*; Prentice-Hall Inc, publ. co.; N.E.H.; others. Mem. ed. bd. *Oeuvres et Critiques*. Fel: Hum. Res. Cent, Australian National Univ. Mem: Am. Assn. of Teachers of Fr. (lib. comm. 1974–); Am. Coun. Teachers Fr. Langs. (adv. coun. 1968–69); Am. Assn. of Teachers of Fr, Fla. (pres. 1971–73; mem. exec. bd. 1971–74); mem. and off. of var. brs. of the M.L.A.; others. Recd: S. Atlantic M.L.A. Studies Award (book publ. 1971); recd. num. res. grants and awards from univs. and insts. A: (1980) Davis, Calif.

Biblio: *Gaston d'Orléans et sa cour: étude littéraire* (diss, Indiana Univ, 1959; publ. Chapel Hill, N. Car, 1963; rev. ed. 1964); ed. Molière's *Le Bourgeois gentilhomme: comédie-ballet* (Englewood Cliffs, N.J., 1966); *The Strangers: The Tragic World of Tristan L'Hermite* (Gainesville, 1966); co-trans, *Pascal* (University, Ala, 1969); *Enfin Malherbe* (Lexington, Ky, 1971); *Pierre Corneille* (New York, 1972); co-auth, *Théâtre complet de Tristan L'Hermite* (University, Ala, 1975); *Jean Racine* (New York, 1977); *Tristan* (Boston, 1980); contrib. num. arts. to prof. journals; for biblio. to 1979 see R.F.J.I. arch. **Sources:** Hand, Print, Qu. — R.F.J.I.

Abraham, Henry (Julian), prof. of political science; b. Offenbach, Hessen, Ger. 25 Aug. 1921. *R:* Jewish. *E:* 1937 U.S. *Cit:* 1943 U.S. fmly. Ger. F: Fred A, b. Hillesheim, Hessen, Ger. 1889, d. U.S. 1951, Jewish, 1939 to U.S. M: Louise Kullmann, b. Busenberg, Bavaria, Ger. 1897, Jewish, sec. educ. 1939 to U.S. S: Otto W, b. Offenbach, 1939 to U.S. B.S., engr. ∞ 1954 Mildred Kosches, b. New York 1930, Jewish, M.A., M.L.S., libr. at var. colls. C: Philip F, b. 1957, A.B. Kenyon Coll, Gambier, Ohio; Peter P, b. 1962, att. Kenyon Coll.

1937 att. Realgym, Frankfurt/M; worked as printer's apprentice. Apr. 1937 emigr. to U.S.; stayed with aunt; delivered newspapers. 1943–48 att. Kenyon Coll, 1948 A.B. summa cum laude, Phi Beta Kappa. Concurr: 1943–46 serv. with U.S. Army Intell. in U.K., Fr, Belg. and Ger; recd. commendation medal and two battle stars. 1948–49 att. Columbia Univ.; 1949 M.A. in pub. law and govt. 1949–72 student and mem. fac, dept. of polit. sci., Univ. Pennsylvania: 1949 instr., 1952 Ph.D. in polit. sci.; 1953 assist. prof., 1957 assoc. prof., 1962–72 prof. Concurr: 1949 vis. lect. and prof. at var. univs. and colls. in U.S., Den, Neth, Swed, Fed. Repub. Ger, U.K., India and Iran incl. 1959–60 vis. prof., Univ. Aarhus and Univ. Copenhagen, 1964 Univ. Colorado, 1967–68 City Coll, New York (C.U.N.Y.), 1969 Columbia Univ.; 1951–58 assoc. ed. *Soc. Sci.*; 1956 mem. adv. bd. *Soc. Educ.*; 1958 S.S.R.C. fel. Univ. Wisconsin; 1958–67 ed. adv. in polit. sci., Oxford Univ. Press; 1960–61, 1970–71 Am. Philos. Soc. fel.; 1962 N.S.F. fel.; 1968–69 consult, Nat. Commn. on the Causes and Prevention of Violence; 1969– occasional consult, U.S. Senate Comm. on the Judiciary. 1972– mem. fac, Univ. Virginia: 1972 Henry L. and Grace Doherty Mml. Found. Prof. in govt. and fgn. affairs; 1978– James Hart prof. of govt. and fgn. affairs; concurr. 1975, 1976 and 1978 N.E.H. teaching grants; 1976– mem. bd. dirs, Anti-Trust Inst; 1978 Rockefeller Found. resid. schol. Bellagio, It. Res. in constitutional law, civil rights, comparative judicial process, American and comparative government, and public law. Mem: Fels. in Am. Studies (pres. 1964–65); var. regional and nat. polit. sci. assns; Nat. Conf. of Christians and Jews; screening bd. for Fulbright candidates in Scand; Hillel Found, Philadelphia (bd. of trustees); B'nai B'rith; others. Recd: Award for excellence in undergrad. teaching, Univ. Pennsylvania (1959); L.H.D. h.c., Kenyon Coll. (1972). A: (1980) Charlottesville, Va.

Biblio: *Compulsory Voting* (Washington, D.C. 1955); *Government as Entrepreneur and Social Servant* (Washington, D.C. 1956); *Courts and Judges: An Introduction to the Judicial Process* (New York, 1959); co-auth, *Elements of Democratic Government* 4th ed. New York, 1964; co-auth, *Essentials of American National Government* (3rd ed. New York, 1971); *The Judiciary: The Supreme Court in the Governmental Process* (3rd ed. Boston, 1973; 5th ed. 1980); *Justices and Presidents: A Political History of Appointments to the Supreme Court* (New York, 1974; Eng. ed. 1975); *The Judicial Process: An Introductory Analysis of the Courts of the United States, England, and France* (3rd ed. New York, 1975; 4th ed. 1980); *Freedom and the Court: Civil Rights and Liberties in the United States* (3rd ed. New York, 1977; 4th ed. 1981); contrib. more than 50 chaps. to books and arts. to encycls. and prof. journals, incl. *Journ. of the Indian Law Inst*; *The Virginia Quart. Rev.*; *Annals of the Am. Acad. of Polit. and Soc. Sci.*; *Soc. Sci.*; biblio. to 1979 in R.F.J.I. arch. **Sources:** Hand, Qu. — R.F.J.I.

Abraham, Paul (fmly. Pál A.), composer of light opera, film scores; b. Apatin, Hung. 2 Nov. 1892, d. Hamburg 6 May 1960. *E:* 1933 Fr, 1938 U.S., 1956 returned to Ger.

Studied music at Budapest Acad. of Music, where became prof. of music theory and liturgical music. Early compositions of "serious music" perf. at Salzburg Fest. and by Budapest Philh, but best known for operettas written after 1928. Collab. with Franz Lehár on *Friederike* and *Das Land des Lächelns*, and enjoyed great success with *Viktoria und ihr Husar* (première Budapest and Leipzig, 1930). 1931 première of *Die Blume von Hawaii* in Leipzig. Film version and London première of *Viktoria* while living in Berlin. 1932 première of *Ball im Savoy*. Berlin. 1933 film version and Milan première of *Blume*; P.A.'s music banned by Nazi regime. 1933 emigr. to Paris; same yr.

Vienna première of *Ball im Savoy*. 1934–38 premières of P.A.'s operettas in Vienna (see "other works" below). Concurr. from 1930 composed music for films (see "other works" below). 1939 emigr. to U.S., where poverty and isolation led to mental breakdown and institutionalization in 1946. Paul Abraham Soc. est. in Fed. Repub. Ger.; 1955(?) returned to Fed. Repub. Ger. on govt. invit.; treated in Hamburg Sanatorium.

Other works: Composer of a requiem, concertos, chamber and orch. music, and 13 operettas and musicals, incl. *Mädchen im Grand Hotel* (première Vienna, 1934); *Dschinach, das Mädchen aus dem Tanzhaus* (première Vienna, 1936); *Julia* (première 1937); *Roxy und ihr Wanderteam* (première Vienna, 1937); *The White Swan* (première U.S., 1939); also music for over 30 films, incl. *Melodie des Herzens* (1930); *Die singende Stadt* (1930); *Die Privatsekretärin* (1931); *Das Blaue vom Himmel* (1932); *Glück über Nacht* (1932); *Zigeuner der Nacht* (1932); *Ein bisschen Liebe für Dich* (1932); *Rákóczy-Marsch* (1933). *Arch.* Perf. Arts Res. Cent, Lincoln Cent, New York. *Sources:* Arch, Hand, News. — R.F.J.I.

Abramowitsch, Ruth (pseud. 1933–1950s Ruth Sorel), dancer, choreographer, teacher; b. Halle/Saale, Saxony, Ger. 1907. R: Jewish(?). E: 1933 Pol, 1941(?) S. Am, 1945(?) Can, 1950s Pol. Cit: Pol.(?), fmly. Ger.

Studied dance with Mary Wigman in Dresden, and perf. with Wigman dance co. 1926–27 debut, Stadttheater Essen. 1927–33 prima ballerina, State Opera Berlin; dramatic dancer and choreographer; solo dance concerts with partner Georg Groke; assist. dir. children's dance group, State Opera, Berlin. Spring 1933 emigr. to Pol. Ballet perfs. and tours in Pol, Pal, and S. Am. with partner G. Groke under pseud. Ruth Sorel. During W.W.II emigr. to S. Am, later to Can. 1949 opened dance sch. in Montreal; also choreographic work. Early 1950s returned to Warsaw; dance teacher. Contrib. to contemporary dance through synthesis of virtuoso free dance and classical ballet.

Lit: *Enciclopedia dello spettacolo*; Friedrich, *Ballet*. *Sources:* Hand. — IfZ.

Abraham, Maurice (fmly. de Abraham), conductor, music director; b. Salonica, Gr. 6 Jan. 1903. R: Jewish. E: 1933 Fr, 1936 U.S. Cit: U.S. F: Edward de Abraham, pharmacist, Port. M: Rachel Bitty, Port. ∞ 1947 Lucy Carasso.

From 1909 close contact with Stravinsky and other noted musicians through neighbor Ernest Ansermet in Lausanne, Switz. 1919–1921 studied med, Univ. Lausanne; concurr. cond. univ. orch. and decided to pursue career in music. 1921–22 att. Univ. Zurich; studied harmony, counterpoint and music fundamentals with E. Masson in Zurich and with → Kurt Weill in Berlin. Concurr. cond. popular concerts in Mecklenburg-Strelitz. 1924–26 cond. at Zwickau Stadttheater, Saxony, Ger; 1926–29 at Altenburg, Thuringia; Lausanne, Switz; 1929–32 in Kassel, Hessen-Nassau, Ger, and later in other opera houses incl. Berlin Opera; concurr. cond. appearances in London, Paris and Rome. 1933 left Ger. to cond. in other countries: 1933 for Balanchine at Paris Ballet (première of → Bertolt Brecht-Weill's *Seven Deadly Sins*, Fr. première of Brecht-Weill's *Maghony*); 1933–34 in London, Rome and Geneva. 1934 assist. to → Bruno Walter in preparing *Don Giovanni* for Fr. Nat. Opera. 1934–35 tours of Aust. with Brit. Nat. Opera Co. as music dir; 1935–36 cond. with Aust. Broadcasting Commn. 1936 emigr. to U.S. with recommendation of Bruno Walter and Wilhelm Furtwängler for cond. position at Metropolitan Opera, New York; became the youngest cond. to work with Metropolitan Opera; revived Saint-Saëns' *Samson et Dalila*; left Metropolitan after two unsatisfactory yrs. 1938 turned to cond. for Broadway shows, the first being Weill's *Knickerbocker Holiday* at the Barrymore Theater in New York. 1940–41 cond. with Chicago Opera Co; concurr. guest cond. in New York, Washington, D.C., Pittsburgh, Penn, and Cleveland, Ohio. 1941 music dir. for Weill's *Lady in the Dark* at Alvin Theater (travel tour with co.), 1943 for *One Touch of Venus* at Imperial Theater, 1944 for Weill's *The Seven Lively Arts* at the Ziegfeld Theater, all New York. 1942 cond. of progs. of mod. music with New York City Symph. 1945 assoc. with Nat. Opera Co, Mexico

City. Concurr: Tour of Eng, later Aust; music dir. of *The Firebrand of Florence* at the Alvin Theater. Ca. 1946 musical dir, guest cond, builder of orchs. in Sydney and Melbourne; concurr. mus. dir. for Sir Benjamin Fuller's opera co. in Sydney, intro. contemp. music to Aust. audiences. 1947 returned to U.S. to serve as musical dir. and cond. of Utah Symph, Salt Lake City until 1979; cond. of summer fests. in Utah; 1966 tour to Eur. under auspices of U.S. State Dept; extensive tours of U.S.; teacher at Univ. Utah. Concurr: 1947 music dir. of Weill's *Street Scenes* at Adelphi Theater, New York; num. guest appearances as cond. in U.S. and Eur; 1949 music dir. of *Regina* at 46th Street Theater, New York; from 1955 co-fdr. with Bruno Walter and dir. of Music Acad. of the West and its symph. orch, Santa Barbara, Calif; 1977 cond. of Mostly Mozart concerts, New York. Under M.A.'s direction, the Utah Symph. evolved as one of the important orchestras in the U.S.; spread the knowledge of modern music throughout the U.S. and abroad; recording with the Utah Symph. of Mahler's 5th Symph. selected by Gustav Mahler Soc. as world's best Mahler release. Recd: Tony Award for *Regina* (1950). A: (1975) Salt Lake City, Utah.

Recordings: All nine Mahler symphs, major symphs. of Brahms, complete works of Tchaikowsky, and Grieg's major works with Utah Symph. for Vanguard Records; also recorded for Westminster Recording Co. with Utah Symph, and for Columbia Records. *Sources:* Hand, News, Print. — R.F.J.I.

Acht, Peter (fmly. Maurycy Oskar), journalist; b. Lemberg, Galicia. Aus. (Lvov, U.S.S.R.) 9 June 1898, d. Vienna 25 June 1974. R: Jewish. Cit: Aus. E: 1936 C.S.R., 1938 Fr, 1946 Aus. F: Maks A, owner of precious metal refinery. M: Chana. S: Jakob; Salomon (both d. in Holocaust); Regina (suicide). ∞ Marianne, b. 1906, clerk, 1937 C.S.R., 1938 Fr, interned at French concentration camp Gurs, 1942 to Lyons illegally, collab. Travail Anti-Allemand. C: (none).

During W.W.I with family to Vienna: worker in ammunition factory. 1922–mgr. of father's firm. 1926–31 public relations counsel of Paneuropa-Union. Concurr. from end of 1920s mem. K.P.Ö. and Union of Proletarian-Revolutionary Authors of Austria (founded Feb. 1930 by its first chmn. *Ernst Fabri); 1932 successor to Fabri following latter's emigration. From May 1933 responsible for publ. of communist newspaper *Die Rote Fahne*, which cont. to appear until July 1933 after banishment of K.P.Ö. 1936 briefly arrested, then emigr. to Prague, 1938 emigr. to Paris. Interned in camps Les Milles and Nîmes. 1942 by order of K.P.Ö. illegally to Lyons. Collab, later group leader of Aus. br. of Travail Anti-Allemand within Fr. Résistance (*Oskar Grossmann). 1945 secy. of newly-founded Front National Autrichien, Lyons. Until Feb. 1946 leader of K.P.Ö. section in Lyons. Mar. 1946 returned to Vienna. Until 1955 mem. ed. staff, cultural section of *Österreichische Zeitung*, also contrib. to *Die Andere Zeitung*, Hamburg.

Biblio: *Europas antiautoritäre Kulturrevolution* (1972). *Lit:* Spiegel, *Résistance*; Gerald Musger, *Der "Bund proletarisch-revolutionärer Schriftsteller Österreichs" (1930–1934)* (diss, Graz, 1977). *Sources:* Pers, Print, News. — IfZ.

Ackermann, Otto, conductor, music director and producer; b. Bucharest, Rum. 5 Oct. 1909, d. Bern 2 Mar. 1960. E: 1935 Switz. Cit: Switz.

Att. Royal Acad, Bucharest. 1924 cond, Royal Rum. Opera on tour. 1926–28 att. Hochschule für Musik, Berlin. Studied composition and piano with → Julius Prüwer, cond. with → George Szell and Gmeindl. 1928–32 cond, coach, Düsseldorf opera. 1932–35 opera dir, Deutsches Theater, Brno, C.S.R. 1935 emigr. to Switz. 1935–47 cond. and opera prod, munic. operas of Bern, Zurich, Lucerne, Geneva. 1946 cond, Mozart-Wagner Fest, Barcelona. 1947–52 music dir, Staatsoper in der Volksoper, Vienna. Until 1960 cond, Stadttheater, Zurich. 1953–(?) gen. music dir, Städt. Bühnen, Cologne. Guest cond, Acad. Santa Cecilia, Rome, and in opera houses and symph. concert halls throughout Eur. Also cond. on Eur. radio. O.A. was known as successful opera conductor and for interpretation of Wagner's music.

Sources: Hand. — R.F.J.I.

Ackermann, Paul Kurt, prof. of German; b. Bremen, Ger. 5 Sept. 1919. *E*: 1935 U.S. *Cit*: U.S. ∞ 1945 *C*: 2 children.

1935 emigr. to U.S. 1945 A.B. in Ger, Colgate Univ, Hamilton, N.Y. 1945 Hervey schol, Columbia Univ, 1945–46 teaching fel. in Ger. dept, 1947 M.A. 1946–48 instr, Amherst Coll, Mass. 1948– mem. fac, dept. of Ger, Boston Univ: 1948 instr, 1953 assist. prof, 1958 assoc. prof, 1965– prof. *Concurr*: 1952 Olmstead travel fel, Harvard Univ; 1953 Ph.D. in Ger. Chmn, Boston Univ. Press. 1966 ed, *Boston Univ. Journ.* 1966 prof, Univ. Würzburg. Spec. on → Thomas Mann, → René Schickele, 18th cent. Ger. and comp. modern lit. Mem: Am. Assn. of Teachers of Ger; M.L.A.; Intl. Assn. for Germanic Studies; Thomas Mann Soc. A.: (1978) Boston, Mass.

Biblio: "René Schickele: A Critical Study" (diss, Harvard, 1953); "René Schickele: A Bibliography," *Bull. of Biblio.* (vol. 22, 1956–57); contrib. biblio. to René Schickele, *Werke* (vol. 3, Cologne, 1959); ed. student eds: → Thomas Mann, *Die Bekenntnisse des Hochstaplers Felix Krull* (Boston, 1958); F. Dürrenmatt, *Der Besuch der alten Dame* (Boston, 1960); M. Frisch's *Biedermann und die Brandstifter* (Boston, 1963); *Homo Faber* (Boston, 1973); also contrib. arts. to prof. journals. *Sources*: Hand, Pers. — R.F.J.I.

Ackermann, Werner (pseud. Rico Gala), author, translator; b. Antwerp, Belg. 28 Dec. 1892. *E*: 1933 Tur, Sp, Belg, 1951 S. Afr. ∞ Married.

Att. Gym, Antwerp. Studied at Sch. for Journ. and Univ. Berlin. 1913–14 ed, Touring Club Suisse, Geneva. partic. W.W.I. 1921–23 publisher. 1923–25 co-owner, Kurhaus Monte Verità, Ascona, Switz. Freelance writer in Ger. 1933 emigr. to Belg. via Tur. and Sp. 1940 drafted as trans. by the Ger. Army. 1941 dismissed because of polit. unreliability. 1942 recalled and serv. as lieut.-commander. 1944–46 Am. P.O.W. 1947–51 in Fed. Repub. Ger; resid. in Weinheim an der Bergstrasse. 1951 emigr. to Johannesburg. Novelist and dramatist; translator of Flemish and Dutch works incl. Stijn Streuvels, Elisabeth Zernike, and Anton Coolen. Contrib. to newspapers and journals. incl. *Die Sammlung*, Amsterdam (1934) and under pseud. Rico Gala, *Nationalzeitung*, Basel.

Biblio: *Flucht nach Shanghai*, drama (1928); Rico Gala, *Wehe dem Sieger* (1932); *Langusten für das Volk*, drama (Vienna, 1935; Fr. ed, 1935); *Le duel américain*, radio play (Brussels, 1936); *Jeux de hasard*, comedy (Brussels, 1937); *La cargaison phantôme*, play (Brussels, 1937); *Le poète méconnu*, radio play (broadcast Paris; Brussels, 1937); *Kinder aus Spanien*, play (Basel, 1938; Fr. ed, 1938); *L'Étrangère*, radio play (broadcast; Paris, Brussels, 1939); *Urwald in der grossen Stadt*; *Kleiner afrikanischer Roman* (1955); *Schwarz-weiss gestreift*; *Südafrikanische Geschichten* (1958); "La Fille de Prague," play (unpubl. ms.) others. *Sources*: Hand. — IfZ.

Adam, Ken, film designer; b. 1921; see Straschek film biographies.

Adam, Leonhard, prof. of anthropology, judge; b. Berlin 16 Dec. 1891, d. Bonn 9 Sept. 1960 (on acad. vis). *R*: Evangelical, fmly. Jewish. *E*: 1936 U.K., 1940 Aust. *Cit*: 1946 Aust, fmly. Ger. *F*: Michael Meinhard A, b. Berlin, d. Berlin 1940, Jewish, textile importer. *M*: Rosa Schmidt, b. Berlin 1870, d. Melbourne 1951, Evangelical, 1948 to Aust. *S*: Manfred, b. 1894, d. Melbourne 1967, att. Univ. Berlin, 1938 to U.K., 1940 to Aust; Edgar, b. 1908, d. Melbourne 1972, foodstuffs importer, hidden and supported by wife during W.W. II, 1948 to Aust. ∞ 1943 Julia Baillie, b. Melbourne 1905, Church of England, licenciate, Royal Acad. of Music, assoc. Royal Coll. of Music, piano teacher, concert pianist. *C*: Mary, b. 1945, B.A. Monash Univ, fmly. personal secy. to → Walter Lacquer, a. U.K.

Studied law, ethnology and sinology, Univ. and Oriental Seminar of Berlin. Studied primitive mat. cultures at Ethnographic Mus, Berlin. Dr. jur., Univ. Greifswald. During W.W. I res. among Ghurkas in P.O.W. camp in Rum; reed. Verdienst-

kreuz. 1928–33 app. Amtsgerichtsrat, Charlottenburg, Berlin. *Concurr*: 1930–33(?) fdr. and ed, *Zf. für vergleichende Rechtswiss*; Doz. in Primitive Laws, Inst. für Auslandsrecht, Univ. Berlin; mem. bd. of experts, Ethnographic Mus, Berlin. 1933 dismissed from positions as Amtsgerichtsrat and as journ. ed. Oct. 1936 emigr. to U.K. on vis. visa. Aided by ref. org. 1936–40 res. for the Colonial Off. *Concurr*: Lect, teacher, Univ. London; contrib. to anthro. period. Sept. 1940–42 interned and transported to Tatura, Aust. Dir. of educ, teacher of anthro. and Chinese, Tatura. 1942 released from internment status to Melbourne Univ. due to testimony of Sir Thomas Maltby, M.P. before Legislative Assembly and A.P. Elkin, prof. of anthro. 1942–44(?) reed. res. grant to study aboriginal stone artifacts in Nat. Mus. of Victoria under Elkin. 1942–57 mem. staff, Univ. Melbourne: 1942–57 fdr. and curator of ethnological coll, 1944–47 res. fel, 1944 – lect. in ethnology, then lect. of hist, 1957 ret. *Concurr*: Teacher of Chinese, Queens Coll; 1957 held sem. on Aust. aboriginal culture, dept. of anthro, Univ. Bonn. Res. on art, culture, law and religion of primitive peoples, including works on Nepalese, North African and Northwest American Indian ethnological jurisprudence, comparative law, Asiatic art, and on archeology and technology. Mem: Soc. of Americanists, Vienna (1937). Reed: Dr. phil. h.c., Univ. Bonn (1957).

Biblio: *Hochasiatische Kunst* (Stuttgart, 1923); *Buddha Statuen* (Stuttgart, 1925); *Sitte und Recht in Nepal* (Stuttgart, 1934); *Primitive Art* (Harmondsworth, U.K., 1949; trans. into Sp, It, Fr, Serbo-Croatian); contrib. to var. periods, and journals. incl. *Iowa Law Rev*; *Am. Anthropologist*; *Far East. Quart. Papers*: Some papers in Sem. für Volkskunde, Univ. Bonn. *Lit*: *Zf. für vergleichende Rechtswiss.* in hon. of L.A. (vol. 59, 1957); cat. of 1973 exhib. of aboriginal bark paintings from Univ. Melbourne Leonhard Adam Ethnographic Coll. *Arch*: S.P.S.L. *Sources*: Arch, N.D.W, Pers, Print. — R.F.J.I.

Adams, George (fmly. Georg Teltscher), graphic designer, professor; b. Vienna 1 July 1904. *E*: 1933 Aus, 1934 Sp, 1938 U.K., 1940 Aust, 1941 U.K. *Cit*: 1946 U.K., fmly. Aus. *F*: Wilhelm Teltscher, b. Brünn, Moravia, Aus. (Brno, C.S.R.), d. Vienna 1940, Jewish, merchant. *M*: Mary Adams, b. Quincy, Mass. 1876, d. Cambridge, Mass. 1974, Protestant. *S*: Arthur Adams, b. 1898, d. U.S. 1939, engr. ∞ 1973 Sara Jean Murray, b. London 1937. *C*: (none).

1913–18 att. Realgym, Vienna. 1919–21 studied with Prof. Cizek at the Graphic Teaching and Experimental Inst. in Vienna. 1921–23 studied at Bauhaus Weimar with → Wassily Kandinsky, → Paul Klee, and → Johannes Itten; then studied with Julius Klinger. Freelance graphic artist. 1925–28 again in Vienna; chief graphic designer for Vacuum Oil Co. and stage designer. 1928–30 art dir, *Hamburger Städtische Anzeigen* G.m.b.H. (Hamburg Municipal Advertisements, Ltd.). 1933 freelance graphic designer in Berlin and Hamburg. 1933 returned to Aus. Resid. in Vienna. 1934 emigr. to Sp. 1934–36 art dir. at agcy. in Barcelona. 1936 before formation of Intl. Brigades partic. in Sp. Civil War. 1938 emigr. to U.K. on tourist visa. Aided by Soc. of Friends, which provided a work permit. Lived in London. Freelance work. 1940 interned as enemy alien and shipped to Aust. 1941 returned to U.K. 1941–45 designer, Polit. Intell, Dept. of Fgn. Off. in London. Vol, Supreme Headquarters Allied Command in Eur; active in psych. warfare, coop. in Allied radio broadcasting from Luxembourg. 1945 posted to Vienna to work with allied P.O.W.s. 1951–73 sr. lect, design dept, London Coll. of Printing. *Concurr*: 1950–73 consult, Thames & Hudson Publ, London; mem. Educ. Comm. (External Exam. in Colls.); 1960–65 consult, George Rainbird Ltd. London. 1973–77 prof. of graphic design and photography, Univ. Nigeria, Nsukka. 1975– consult. designer for var. commnrs. Mem: Amnesty Intl; Soc. of Indus. Artists and Designers, London (fel.). Works reproduced in *Graphis*, *Graphis Annual*, both in Zurich, *Gebrauchsgraphik* in W. Berlin, among others. A: (1981) London.

Lit: Bauhaus cat. (vol. 2); Wingler, *Bauhaus* (vols. 1, 2); *Tendenzen der Zwanziger Jahre*, cat. *Sources*: Print, Qu. — IfZ.

Adamson, (Joy) Friederike Victoria née Gessner, fmy. von Klarwill, fmy. Bally (pseud. Joy Bally, Joy Adamson), author of books on wildlife, conservationist, painter; b. Troppau, Silesia, Aus. (Opava, C.S.R.) 20 Jan. 1910, d. Kenya 4 Jan. 1980 (murdered?). R: Protestant. E: 1937 Kenya. Cit: U.K. F: Victor Gessner, Protestant, civil serv. M: Traute Friederike Greipel, b. 1888, Protestant. S: Traute Erdmann, b. Troppau 1909, journalist, d. Vienna 1974; Dorothea Cooper, b. 1920, a: U.K. ∞ I. 1935 Victor von Klarwill, Austrian, Jewish; II. 1938 Peter Bally, Swiss; III. 1943 George Adamson, Brit.

Staatsprüfung in piano, Vienna. 1928 dipl. in dressmaking. 1929–30 studied sculpting in Vienna. 1931–32 studied metal work, Kunstgewerbesch, Vienna. 1933–35 grad. course. Mar. 1937 emigr. alone and as vol. exile to Kenya via Switz. to find appropriate resid. for first husband, who was Jewish. Supported fam. in Kenya by self-taught painting and woodcarving. 1938–43 painted 700 varieties of flora. 1944–52 illus. 7 books; also commd. to paint tribes of Kenya by Kenya govt. Works exhib. at Nat. Mus, Statehouse, Tryon Gall, Nairobi, Kenya, and in London. 1956 began rec. on wild animals. 1960 auth. of *Born Free: A Lioness of Two Worlds* (New York, 1960), the first of many books about Elsa, the lioness and other wild animals; trans. into many langs. 1961 partic. Elsa Wild Animal Appeal, U.K.; 1969 in U.S., 1971 in Can. Mem: Active in intl. conservation orgs, incl. Elsa Wild Animal Appeal Intl. For Wildlife Preservation; Wild Life Conservationist Intl. Recd: Gold Grenfell Medal, Royal Horticulture Soc, London (1947); Award of Merit, C.S.S.R. (silver medal, 1970); Joseph Wood-Krutsch Medal, Humane Soc, U.S. (1971).

Biblio: Publ. as Joy Adamson: *Born Free: A Lioness of Two Worlds* (New York, 1960, 1961 and many other eds. and trans: filmed 1966); *Elsa: The True Story of a Lioness* (London–New York, 1961; Fr. ed. 1962); *Living Free* (London–New York, 1961, 1964; filmed 1971); *Forever Free: Elsa's Pride* (London–New York, 1962, 1963, 1966; Ger. ed. 1964; filmed 1971); *Elsa and her Cubs* (New York, 1965); *The Story of Elsa* (London–New York, 1966); illus, auth, *The People of Kenya* (New York–London, 1967); *The Spotted Sphinx* (London–New York, 1969; filmed 1970); *Pippa the Cheetah and Her Cubs* (London–New York, 1970; filmed 1970); *Joy Adamson's Africa* (London–New York, 1972); *Pippa's Challenge* (New York, 1972); *Queen of Shaba: The Story of an African Leopard* (New York, 1980); works trans. into Ger, Fr, Pol, Hung, Czech, Russ, and Swahili; contrib. many arts. to journals and mags. in U.S., U.K. and Aust. incl. *Geog. Journ.*, *East African Annals*, *Ger. Anthro. Journ.*, *Brit. Geog. Mag.* **Sources:** Hand, Qu. — R.F.J.I.

Adiel, Shraga (until 1955 Edelman), educator, director-general of Youth Aliyah; b. Leipzig, Saxony, Ger. 21 June 1913. R: Jewish. E: 1934 Pal. Cit: 1948 Isr, fmy. Pol. F: Abraham Edelman, b. E. Eur. 1863, d. Pal. 1939, Jewish, relig. educ. merchant, 1912 to Ger. from Russ, 1939 to Pal. from Ger. M: Hadassah Potrovsky, b. Russ. 1873, d. Ger. 1929, Jewish, primary educ, 1912 to Ger. from Russ. S: Lisa Edelman, b. Mezhiresh, Russ. (U.S.S.R.) 1892, d. Warsaw 1942 in Holocaust, 1939 to Pol. from Ger; Mali Ziege, b. Mezhiresh 1900, d. Isr. 1976, sec. educ, 1936 to Pal. from Ger; Sarah Hundstuck, b. Mezhiresh 1901, d. Paris 1962, sec. educ, 1933 to Fr. from Ger. ∞ 1938 To-va Dashevsky, b. Braslav, Russ. Pol. (U.S.S.R.) 1915, Jewish, 1922 to Pal. from Russ, teacher's cert, Hebrew Teachers' Coll, Jerusalem, teacher in elem. schs. C: Yonatan, b. Tel Aviv 1942, M.A., lawyer; Hadassah Siton, b. Tel Aviv 1951, B.A., teacher.

Until 1933 att. Prof. Schustersche höhere Lehranstalt; denied Abitur as Jew. Mem: Zionist youth movt; world secretariat, Young Maccabi. Sept. 1934 emigr. to Pal. with B-III cert. 1934–37 att. Hebrew Teachers Coll, Jerusalem, 1937 recd. teacher's cert; concurr. partially supported by father, also gave priv. lessons and held odd jobs. 1937–48 teacher, principal, elem. and sec. schs. Concurr. 1946 B.Sc., 1948 M.A., 1962–63 Ph.D. candidate, Teachers Coll, Columbia Univ. 1950–71 with Isr. Min. of Educ: 1950–56 supr; inspector; dist. inspector; 1956–71 assist. dir.-gen; dep. dir.-gen; chmn, pedag. secretariat, 1959– lect. on educ. admin. 1972–78 dir.-gen, Youth Aliyah, Jewish Agcy. Mem: Histadrut. A: Jerusalem.

Biblio: Ed. var. publs. of Min. of Educ; num. arts. in prof. journals; contrib. to *Encycl. of Educ.* in Isr, *Sources:* Hand, Qu. — R.F.J.I.

Adler, Alexandra, dir. of institute, clinical prof. of psychiatry; b. Vienna 24 Sept. 1901. E: 1935 U.S. Cit: U.S. F: → Alfred Adler. M: Raissa Timofeyewna Epstein, b. Russ. 1873, d. 1969, att. Univ. Vienna, active socialist. S: Kurt, b. 1907, Dr. med, psychiatrist, 1935 to Tur, later to U.S., a: Jamaica, New York; Vali, d. prison camp, U.S.S.R., Dr. econ; Nelli, actress. ∞ 1959 Dr. Halfdan Gregersen.

1926 Dr. med, Univ. Vienna. 1926–35 intern, resid. and vis. physician, Univ. Vienna Neuropsychiatric Clin. Ed, *Intl. Zft. für Individualpsych.* 1935 emigr. to U.S. 1935–44 res. fel, assist. and instr. of neurol, Harvard Univ. Sch. of Med. Concurr: Grad. assist. in neurol, Massachusetts General Hosp; res. assoc. and sr. vis. physician, Boston City Hosp. 1944–46 assist. psychiatrist, Duke Univ. Hosp, Durham, N. Car. 1946– mem. fac, New York Univ. 1946 assist. clin. prof. of neurol, 1953 assoc. clin. prof, 1969 clin. prof. of psychiatry. 1946– mem. staff, Bellevue Hosp, New York; 1946 assist. att. neurol, 1953 assoc. att. neurol, 1969 assoc. att. psychiatrist. Concurr: 1946–55 adj. psychiatrist, Mt. Sinai Hosp, New York; 1946–56 assoc. vis. physician, Goldwater Mml. Hosp, New York; 1948– psychiatrist, Dept. of Correction, New York; 1948– med. dir, Alfred Adler Mental Hygiene Clin, New York. Ed, *Intl. Journ. of Individual Psych.* Leading authority in the field of individual psychology with spec. in psychosomatic syndromes and psychopharmacology. Mem: New York Assn. Individual Psych. (pres.); Intl. Assn. Individual Psych. (past pres.); Am. Psychiatric Assn; Am. Acad. Neurol; Assn. for Res. of Nervous and Mental Diseases; others. Recd: Golden Cross of Honor, City of Vienna (1978). A: (1979) New York.

Biblio: *Guiding Human Misfits: A Practical Application of Individual Psychology* (New York, 1939, subsequent eds.); ca. 70 arts. and contribs. to books. **Sources:** Hand, News. — R.F.J.I.

Adler, Alfred, neurologist, psychologist; b. Vienna 7 Feb. 1870, d. Aberdeen, Scot. 28 May 1937 (on lect. tour). R: Protestant, fmy. Jewish. E: 1935 U.S. F: Leopold A. grain merchant. M: Pauline. S: Friedrich. ∞ 1898 Raissa Timofeyewna Epstein; for further info. on ∞ and C see dtr. → Alexandra Adler.

1895 Dr. med, Univ. Vienna. 1895–97 with Allg. Krankenhaus und Polyklinik, Vienna. 1897–1927 neurol, priv. practice, Vienna. 1914–18 serv, Aus.-Hung. Army med. corps. Active mem. of S.D.A.P. 1902–11 mem. of → Sigmund Freud's discussion group, known after 1908 as Vienna Psychoanal. Soc, 1910–11 serv. as pres. 1910–11 co-ed, *Zentralblatt für Psychoanalyse*. 1911 broke with Freud and libido theory, dev. instead theory of "individual psychology" based on premise of individual's aim of self-assertion, and his "will to power" against basic feelings of inferiority. A.A. minimized importance of intrapsychic phenomena and emphasized the role of social factors in the dev. of neuroses. 1911 fdr, Soc. for Free Analysis, 1912 renamed Soc. for Individual Psych. Ed, *Zft. der Individualpsych.* 1919 fdr, head of first child guidance clin. connected with Viennese sch. syst. 1924– lect, Pedagogical Inst, Vienna. 1927 lect, Columbia Univ. 1928 clin. dir, Mariahilfer Ambulatorium, Vienna. 1930 hon. cit, City of Vienna. 1930s fdr. of *Intl. Journ. of Individual Psych.* 1927–34 frequent lect. tours in U.S. 1935 emigr. to U.S.; subsequently div. yr. between U.S. and Eur. 1934(35?)–37 prof. of med. psych, Long Island Med. Coll. (now S.U.N.Y. Downstate Med. Cent.). Also lect: Temple Emanu-El, Vanderbilt Clin. of Columbia Presbyterian Med. Cent. and New School for Social Research, all New York. A.A. originated individual psychology and made a significant contribution to the study of compensation for organ inferiority. Earliest synthesizer of Marxist and Freudian thought (1909).

Biblio: *Studie über Minderwertigkeit von Organen* (Berlin, 1907; trans. as *Study of Organ Inferiority and Its Psychological Compensations* [New York, 1917]); *Über den nervösen Charakter* (Wiesbaden, 1912, 1919, 1922, 1923, 1928); *Das Problem der*

Homosexualität (Munich 1917, 1927; Leipzig, 1930); *Praxis und Theorie der Individualpsychologie* (Munich, 1920, 1924, 1927, 1930); *Heilen und Bilden* (1922); *Menschenkenntnis* (Leipzig, 1928, 1929, 1930, 1931; Zurich, 1947); *Der Sinn des Lebens* (Vienna, 1933); *The Science of Living* (1929); *Education of Children* (1930); *The Pattern of Life* (New York, 1930; London, 1931); *What Life Should Mean to You* (Boston, 1931); *Social Interest: A Challenge to Mankind* (1937); *Understanding Human Nature* (1946); *The Problem Child* (1963); *Problems of Neurosis*, Heinz L. Ansbacher, ed. (New York, 1964); works trans. into many langs; for complete biblio. see Grinstein (vol. 1, 1956; vol. 5, 1960; vol. 6, 1964; vol. 10, 1971). *Lit.*: Putnam et al., "Symposium on the Theories of Freud, Jung and Adler," *Journ. of Abnormal Psych.* (vol. 12, 1917); Philippe Mairet, *The ABC of Adler's Psychology* (1929); H. and R. Ansbacher, eds., *Individual Psychology of Alfred Adler: A Systematic Presentation of Selections from His Writings* (1956); P. Bortome, *Alfred Adler, A Portrait from Life* (1957); H. Orgler, *Alfred Adler: The Man and His Work* (1965). *Sources*: Biblio, Biog. Hand, News, Print. — R.F.J.I.

Adler, Alfred, prof. of mathematics; b. Frankfurt/M 21 Feb. 1930. *R.*: Jewish. *E.*: 1936 It, 1938 Fr, 1939 U.S. *Cit.*: 1945 U.S. *F.*: Frederick A. b. Frankfurt/M 1899, Jewish, Dr. phil. econ, Dr. jur, emigr. with fam. M: Erna Strauss, b. Heilbronn, Württemberg, Ger. 1907, Jewish, emigr. with fam. S: Stephan, b. Frankfurt/M 1933, in import/export bus, emigr. with fam; Renate, b. Milan 1937, writer, emigr. with fam, auth, *Speedboat*. ∞ 1967 Susan Seidner, b. Jihlava, C.S.S.R. 1935, Jewish, 1938 to U.S., B.A., portrait painter. C: Karen; Nina; Katherine; Elizabeth.

1936 emigr. to It. 1938 emigr. to Fr. Mar. 1939 to U.S. Att. Dartmouth Coll, Hanover, N. Hamp. 1952 B.S., M.I.T. 1956. Ph.D. in math, U.C.L.A. 1956–58 instr. of math, Princeton Univ. 1958–60 lect, M.I.T. 1960–61 assist. prof, Rutgers Univ, New Brunswick, N.J. 1962–63 vis. prof. of math, Univ. Bonn. 1963–66 assoc. prof, Purdue Univ, Ind, 1966–67 prof. 1967–prof, S.U.N.Y., Stony Brook. Res. in differential geometry and math. econ. Mem: Nat. Sci. Found. A: (1978) Dobbs Ferry, N.Y.

Biblio.: Math. arts. in *Am. Journ. of Math.*, *Math. Annalen*, *Transactions of the Am. Math. Soc.* (1957 to present); essays in *Atlantic* and *The New Yorker*. *Sources*: Hand, Qu. — R.F.J.I.

Adler, Bruno (pseud. Urban Roedl), writer; b. Karlsbad, Bohemia, Aus. (Karlový Vary, C.S.S.R.) 14 Oct. 1889, d. London 27 Dec. 1968. *E.*: 1933 C.S.R., 1936 U.K. *F.*: Moritz, M: Therese Hirsch. ∞ Ilse.

Att. Univs. Vienna, Erlangen and Munich; 1917 Dr. phil. 1920–30 instr. in art hist. at Staatl. Kunstakad, Weimar. 1933 emigr. to Prague; 1936 emigr. to London. During W.W.II worked for Ger. sect, B.B.C. 1944–50 ed.-in-chief, *Die neue Auslese*. Contrib. to the *Times Literary Supplement*. Spec. in editing the works of Matthias Claudius and Adalbert Stifter. Translator from the English and author of articles dealing with art hist.

Biblio.: Ed, *Utopia: Dokumente der Wirklichkeit* (Weimar, 1921); *Der Schuss in den Welfrieden: Die Wahrheit über Sarajewo* (Stuttgart, 1931); *Im Zeichen der schwarzen Hand: Die Wahrheit von Sarajewo* (Stuttgart, 1932); *Kampf um Polna*, novel (Prague, 1934; also in Czech. and Hung.); under pseud. Urban Roedl, *Matthias Claudius: Sein Weg und seine Welt* (Berlin, 1934); Urban Roedl, ed., *Adalbert Stifter: Geschichte seines Lebens* (banned in Nazi Ger; Berlin, 1936); Adalbert Stifter, *Adbias* (London, 1945); Urban Roedl, *Adalbert Stifter in Selbstzeugnissen und Bilddokumenten* (Reinbek bei Hamburg, 1965); others. *Lit.*: Stern, *Werke*. *Sources*: Hand. — IFZ.

Adler, Emil, prof. of physical medicine and rehabilitation; b. Prague 23 Sept. 1900, d. Jerusalem 4 Jan. 1971. *R.*: Jewish. *E.*: 1939 Pal. *Cit.*: Isr, fmly. C.S.S.R. *F.*: Jacob A. b. Amschelberg, Bohemia, Aus. (Kosova Hora, C.S.S.R.) 1850, Jewish, J.U.D.,

Oberfinanzrat in Prague. *M.*: Flora, b. 1875, d. Lodz concentration camp, Jewish. *S.*: Franz A. b. Prague 1899, d. Auschwitz concentration camp, Jewish, J.U.D., dir, Union Bank, Prague, Privatdoz, German Univ, Prague. ∞ 1927 Marianne Herz, b. Prague 1903, studied in sch. of commerce, M.A. C: Chaim A. b. Prague 1928, assoc. prof, dept. of sociol. and Sch. of Educ, Hebrew Univ.

1918–1924 att. Med. Sch, German Univ, Prague; worked in Inst. for Exp. Pathol. and in dept. of internal med. 1924 Dr. med, Univ. Prague. 1924–26 work in internal med, neurol. and psychiatry, dept. of med, Univ. Prague; concurr. in neurol. dept, Univ. Breslau. 1925–32 assist, 1932–38 dep. dir, Priessnitzsche Kuranstalten, Grafenberg, Silesia (for internal and nervous diseases). Concurr.: 1925–38 studied at var. Aus. and Czech. clinics and insts; 1929 title of specialist for nervous diseases, 1931 title of specialist for internal diseases, both from Czech. Min. of Health. 1938 short term priv. practice, then permission to practice revoked. 1939 emigr. to Pal. on A-I cert. 1940–71 mem. fac, Hebrew Univ.-Hadassah Med. Sch.: 1940–fdr. and dir. dept. of physical med. and rehab, 1949 sr. lect, 1955 assoc. prof, 1965–71 prof. of phys. med. and rehab. Concurr.: 1940–44 taught in Sch. for Physiotherapy and Nursing Sch, Hebrew Univ; co-fdr, prof, Sch. of Physiotherapy and Occupational Therapy, Hebrew Univ.-Hadassah Med. Sch.; 1950 Hadassah student and lect. fel. in U.S.; 1970 chmn. of affiliation comm. of hosps. to the Hebrew Univ.-Hadassah Med. Sch. Professional activities: 1949– consult. for rehab, Isr. Mins. of Health, Welfare, Defense and Labor; 1957– fdr. and chmn, Comm. for Res. in Rehab, Isr; 1960–71 chmn, Assn. of Rehab. and Rheumatology; 1961– adv. for the Swedish Village, a govt. inst. for retarded children, and adv. for rehab. of mentally retarded children for Min. of Welfare; 1964– expert, civil court. Introduced modern methods of physical medicine and rehabilitation; known esp. for contribution to treatment of wounded I.D.F. soldiers. Mem. ed. bds: Chmn. bd. of dirs, *Isr. Journ. of Med. Scis.*; contrib. ed, *Am. Journ. of Physical Med. and Rehab.*; assist. ed, *Intern. Rev. of Physical Med.*; mem. fgn. ed. bds. of *Iberian Journ. for Physical Med. and Rehab.*, *Excerpta Medica* and *Europa Physica*. Fel: Am. Geriatric Soc. (1969). Mem: Sch. of Occupational Therapy, Jerusalem (mem. bd. of govs. 1949–); Assn. of Rehab. Med. and Rheumatology in Isr. (chmn. 1950–); Sch. for Physiotherapy, Zrifin, Isr. (mem. bd. of govs. and examiner); Ilan, Isr. Found. for Handicapped Children, Jerusalem br. (hon. chmn. 1953–); Isr. Assn. of Physiotherapists (hon. chmn. 1954–); Sci. Coun. Isr. Med. Assn. (chmn. 1962–67); Intl. Cong. for Physical Med. and Rehab. (v. pres. Paris, 1964; Montreal, 1968); Isr. Soc. for Gerontol. (coun. chmn. 1969); Hosp. Assn. in Isr. (chmn, spec. comm. for exam. dept. 1969); Nat. Coun. for Rehab; Isr. Soc. for Neuropsychiatry; Isr. Assn. for Rehab. of the Disabled (exec. comm.); many others. Recd: Szold Prize from City of Tel Aviv (1970).

Biblio.: "Rheumatoid Arthritis in Old Age," *Isr. Journ. of Med. Scis.* (vol. 2, 1966); co-auth., "Rheumatoid Arthritis in a Jerusalem Population. I. Epidemiology of the Disease," *Am. Journ. of Epidemiology* (vol. 85, 1967); co-auth., "Rheumatoid Arthritis in a Jerusalem Population. II. Epidemiology of Rheumatoid Factor," *Am. Journ. of Epidemiology* (vol. 85, 1967); co-auth., *Stroke in Israel, 1957–1961, Epidemiological, Clinical, Rehabilitation and Psycho-Social Aspects* (Jerusalem, 1969); for complete biblio. see R.F.J.I. arch. *Sources*: Hand, Print. Qu. — R.F.J.I.

Adler, Erich, prof. of chemistry; b. Frankenreuth, Ger. 24 Oct. 1905. *E.*: 1933 Sweden. *F.*: Max A. M: Elfriede Putzker. ∞ 1935 Annemaria Pawel. C: Eva Garellick; Rolf Mikael.

1931 Dr. Ing, T.H. Munich, 1931–32 res. assist. 1932–33 res. assist, Mannheim Munic. Hosp. lab. 1933 emigr. to Swed. 1933–44 mem. res. staff, Univ. Stockholm: 1933 res. assist, Biochem. Inst, 1938 sr. res. assist, Inst. Organic Chem. 1944–52 res. assoc, Forest Prods. Res. Lab, Stockholm; concurr. 1946–52 assist. prof. of organic chem, Royal Inst. of Tech, Stockholm. 1952– prof. of organic chem, Chalmers Inst. of Tech, Göteborg, 1962–66 head, dept. chem. Res. in biochemistry, organic and wood chemistry, synthesis of estrogen in substances, oxida-

tion reactions with phenols, structure and reactions of lignin, chemistry of phenol-formaldehyde resins. Recd: Knight of the Order of the North Star. Mem: Kungl. Vetenskaps- och Vitterhetsakademien, Göteborg; Royal Swed. Acad. of Engr. Scis. A: Stockholm.

Biblio: "Synthese der Bilirubinsäure, der Xanthobilirubinsäure und bilirubinähnlicher Farbstoffe (Bilirubinoide)" (diss, Munich, 1931; publ. in *Hogge-Seyler's Zft. für physiologische Chemie* [vol. 197, no. 5-6, 1931]); arts. incl. co-auth, "The Structure and Reactivity of Lignin," *Advanced Chem. Series* (no. 59, 1966); "Ligninets kemiska byggnad" (The Chem. Structure of Lignin), *Svensk kemisk Tidskrift* (vol. 80, no. 9, 1968); co-auth, "Periodate Oxidation of Phenols. XVII Oxidation of 2-methylphenols with Aqueous and Methanolic Periodic and Iodic Acids," *Acta Chem. Scand. Series B* (vol. 29, no. 9, 1975); co-auth, "Reaktionen von o-Benzochinonen mit Methanol unter neutralen und sauren Bedingungen," *Justus Liebig's Ann. Chem.* (nos. 7-8, 1976); "Lignin Chemistry—Past, Present and Future," *Wood Sci. Technol.* (vol. 11, no. 3, 1977); contrib. num. arts. to sci. journals. *Arch. S.P.S.L. Sources:* Arch. Hand, Print. — R.F.J.I.

Adler, Ernst, lawyer, author; b. Vienna 12 July 1903. *E:* 1938 Aust, 1960 Aus, then to Ger. Dem. Repub. *F:* Employee.

1922-28 studied law, Univ. Vienna; Dr. jur. 1928-34 legal assist. 1934-38 criminal lawyer in Vienna. 1938 emigr. to Sydney. Odd jobs incl. laundry work, construction and metal work. 1960 returned to Vienna, then emigr. to Ger. Dem. Repub. Until 1961 ed, *Rund um die Welt*, then interpreter and trans. Collected and compiled Australian and Southeast Asian fairytales and legends. Translated Australian, American, and African contemporary literature. *A:* *E. Berlin*.

Biblio: *Legende vom Bumerang*, Aust. legend. (Berlin, 1966); *Der Elefant im Waschtrog*, Burmese fairytale and legend (Berlin, 1968); *Ko und Ala*, Aust. fairytale (Berlin, 1969); *Mit Muscheln fängt man Tintenfische*, legend of the South Seas (1970); *Märchen der Südsee* (Frankfurt/M., 1976); trans: Dorothy Hewitts, *Bobbin Up; John Reed, Insurgent Mexico*; Xavier Herbert, *Seven Emus*; others. *Lit. Schriftsteller der D.D.R. Sources:* Hand. — IFZ.

Adler, Frederick Charles, conductor; b. London 2 Jul. 1889, d. Vienna 1959. *E:* 1937 U.S. *Cit:* U.S. *F:* b. U.S. *M:* b. Bavaria, Ger.

Att. Musikakad., Munich; studied piano with August Halm, theory with Beer-Walbrunn and cond. with Gustav Mahler. 1908-11 assist. to Felix Mottl, Königliche Oper, Munich, serv. as choir leader in première perf. of Mahler's 8th symph. 1913 first cond., Städt. Oper, Düsseldorf. Guest cond., Richard Wagner fests. throughout Eur. Champion of Bruckner and Mahler in N. and S. Am. 1919-33 cond. symph. concerts in Eur. Concurr: 1924-33 head cond., Radio Berlin, and musical dir., U.F.A.; until 1933 owner of "Edition Adler." 1933 emigr. to U.S. Feb. 1936 guest cond., Curtis High Sch., Staten Island, New York. 1937 fdr., Saratoga Springs Music Fests., N.Y. Radio cond. Prod. mgr. for publ. and recording businesses. Cond., New York Chamber Orch. 1957 emigr. to Aus. Recd.: Schoenberg and Bruckner medals, Am. Bruckner Soc. Expert on Mahler's music.

Arch: Perf. Arts Res. Cent., Lincoln Cent., New York. *Sources:* Arch, Hand, News. — R.F.J.I.

Adler, Helmut E(rnest), prof. of psychology; b. Nuremberg, Bavaria, Ger. 25 Nov. 1920. *R:* Jewish. *E:* 1935 U.K., 1940 U.S. *Cit:* 1943 U.S., fmlly. Ger. *F:* Paul A., b. Berlin 1880, d. Nuremberg 1928, Jewish, Dr. Ing., T.H. Berlin, engr; Ernst Eisemann (step-father), d. Auschwitz concentration camp 1943. *M:* Lola Offenbacher Eisemann, b. Marktreidwitz, Bavaria 1894, Jewish, 1939 to U.K., 1940 to U.S. *S:* Hanna Hale, b. Nuremberg 1923, emigr. to U.S., teacher; Ellen Greif, b. Nuremberg 1927, emigr. to U.S., teacher. ∞ 1943 Leonore Loeb, b. Karlsruhe, Baden 1921, Jewish, 1972 Ph.D. Adelphi Univ., res. assoc. 1973

adj. assist. prof., Molloy Coll., Rockville Centre, N.Y. *C:* Barry Peter, b. New York 1945, att. coll., syst. anal.; Beverly Sharmaine, b. 1954, att. coll.; Evelyn Renee, b. 1955, att. coll.

1930-35 att. Gym., Nuremberg. 1935 emigr. to U.K. on student visa, att. sec. sch. 1937-38 att. Dover Coll.; 1939-40 part time courses at Burnley Munic. Coll. 1938-39 worked as trainee, Anderson-Grice Carnoustie Co., Scot.; concurr. 1939-40 trainee, Lancashire Grinding Wheel Co., Burnley, Lancashire; also att. coll. part time. 1940 emigr. to U.S. to join mother, sisters and grandparents. Worked in grinding wheel co. and as welder in Wedge Bar Screen Co. 1942-45 serv. U.S. Army in Philippines. Att. Columbia Univ.: 1948 B.S.; 1949 A.M.; 1952 Ph.D. 1949-60 with Columbia Univ.: 1949-51 assist., 1952-55 mem. sci. staff, summer 1955 vis. assist. prof., 1955-60 part time lect. in psych. From 1950 mem. fac., Yeshiva Univ., New York: 1950 instr., 1953 assist. prof., 1957 assoc. prof., 1964- prof. of psych. Concurr. from 1955 with Am. Mus. of Natural Hist., New York: 1955-69 res. fel., 1969- res. assoc. 1972-73 consult, psych., New York Aquarium. From 1979 res. assoc., Mystic Marinelife Aquarium, Conn. Fel.: Am. Psych. Assn. Work in comparative psychology and history of psychology with emphasis on evolution of behavior and sensory factors of animal orientation. Mem: Sigma Xi; Psi Chi; Intl. Org. Study Group Tensions; Am. Meteorol. Soc.; Animal Behavior Soc.; New York Acad. of Sci. (fel.; Chair Sect. Psych., 1978-80); Intl. Union Biological Scis. (secy-gen. Sect. Experimental Psych. and Animal Behavior, 1972-). *A:* (1980) New York.

Biblio: "Some Factors of Observational Learning in Cats" (diss., Columbia Univ., 1955); co-auth, *Bird Behavior* (New York, 1962); trans., G.T. Fechner, *Elements of Psychophysics* (vol. 1, New York, 1966); co-auth, *Bird Life (for Young People)* (New York, 1969); ed, *Orientation: Sensory Basis*, in *Annals, New York Acad. of Sci.* (New York, 1971); co-ed, *Comparative Psychology At Issue*, in *Annals, New York Acad. of Sci.* (New York, 1973); *Fish Behavior: Why Fishes Do What They Do* (Neptune, N.J., 1975); "Vicissitudes of Fechnerian Psychophysics in America," in Rieber and Salzinger, eds. *Psychology: Theoretical Historical Perspectives* (New York, 1980); ed. of encycl.; contrib. num. arts. to sci. publs. and journals. *Sources:* Hand, Qu. — R.F.J.I.

Adler, Hermann, writer; b. Deutsch-Diosek near Pressburg/Posony, Hung. (Bratislava, C.S.S.R.) 2 Oct. 1911. *R:* Jewish. *E:* 1934 C.S.R., 1939 Pol., 1940 Lithuania, 1941 U.S.S.R.-Gen. Govt. (Pol.), 1943 Hung., 1944 Ger., then Switz. *Cit:* 1960 Switz, fmlly. Ger., 1935 C.S.R. ∞ 1941 Anita Distler, b. 1915.

Spent childhood in Nuremberg. Att. teacher's sem. in Würzburg and Breslau. 1932-34 taught children with learning disabilities in Landeshut/Silesia. 1934 emigr. to C.S.R.; freelance writer in Prague and Bratislava. 1939 emigr. to Cracow, Pol.; joined the Czech legion. 1940 fled to Lwow, then to Vilna. 1941 in Vilna Ghetto, then Bialystok and Warsaw Ghettos. Active in revolutionary groups. Partic. in the Warsaw Ghetto Rebellion. 1943 fled to Budapest. 1944 interned in Bergen-Belsen concentration camp. Dec. 1944- in Switz. Wrote many radio and television scripts. Mem: I.S.D.S.; P.E.N. Recd.: Hon. award from the Lit. Commn. of the City of Zurich. *A:* (1977) Basel.

Biblio: *Gesänge aus der Stadt des Todes* (Zurich-New York, 1945); *Ostra Brama: Legende aus der Zeit des grossen Untergangs* (Zurich, 1945); *Balladen der Gekreuzigten, der Auferstandenen, Verachteten* (Zurich-New York, 1946); *Fieberworte von Verdammnis und Erlösung*, poetry (Basel, 1948); *Bilder nach dem Buche der Verheissung* (Basel, 1950); *Vater vergib: Gedichte aus dem Ghetto* (Berlin-Hamburg-Stuttgart, 1950); *Das Lied vom letzten Juden: Nachdichtungen nach Jizchak Katznelson* (1951), and others; contrib. to *Berner Tageszeitung* and *Der Bund*. *Lit:* Paul E.H. Lüth, *Literatur als Geschichte: Deutsche Dichtung von 1885-1947* (Wiesbaden, 1947); *D.L.L.; Stern, Werke*. *Sources:* Hand. — IFZ.

Adler, Hugo Chaim, cantor, composer; b. Antwerp, Belg. 17 Jan. 1896, d. Worcester, Mass. 24 Dec. 1955. *R:* Jewish. *E:*

1938 U.S. ∞ Selma Rothschild, b. Mannheim, Baden, Ger. 1900, Jewish, sec. educ. 1939 to U.S. C. → Samuel Hans Adler, composer; Marianne Aaron, b. 1930, 1939 to U.S., att. Massachusetts Sch. of the Arts, cml. artist, a. Hartford, Conn.

Educ. at Talmud-Torah Sch., Hamburg, and Jewish Teachers' Training Coll., Cologne. Chorister for cantor Yossele Rosenblatt, Hamburg. 1921–39 cantor in Mannheim, 1930–39 Oberkantor. Studied composition with → Ernst Toch; influenced by modern music. Set Hebrew poetry translated by Franz Rosenzweig to music. Applied the → Bertolt Brecht / → Paul Hindemith idea of the *Lehrstück* (ethical-political musical cantata) to compositions incl. *Licht und Volk*, a Maccabean cantata (1931), and *Balak und Bileam* (1934). Nov. 1938 perf. of A's composition *Akedah* prevented on Kristallnacht; arrested and interned in Dachau concentration camp for one mo. Dec. 1938 escaped to U.S. Cantor in Worcester, Mass.; revised liturgical music for the Jewish syn. serv. Substituted modern music for the standard 19th century additions to synagogue song.

Works: Short pieces and other cantatas, *Behold the Jew* (1943); *Jona* (1943); *Parable of Persecution* (1946). *Lit:* A. Sendrey, *Bibliography of Jewish Music* (1951); *American Hazzan* (vol. 2, no. 1; 1956); Fromm, in *Jewish Music Notes* (Fall, 1956). *Arch:* Cologne File, R.F.J.I. *Sources:* Arch, News, Pers, Print. — R.F.J.I.

Adler, Israel, library director, musicologist; b. Berlin 17 Jan. 1925. E: 1937 Pal. F: Hermann A. M: Fanny Friedmann. ∞ Claire Thiessard. C: Eliezer.

1937 emigr. to Pal. 1943–48 serv. Haganah, 1948–49 serv. Palmah. 1949–53 att. Conservatoire National de Musique, Paris. 1953 Licence d'Harmonie, École Normale de Musique, Paris. 1960 Élève diplôme, École Pratique des Hautes Études, Sorbonne. 1963 Docteur du III cycle, Inst. de Musicologie; concurr. 1950–63 head, Hebraica-Judaica dept, Bibliothèque Nationale in Paris, publ. cat. of early Hebrew printed books in that libr. 1963–69 head of music dept, Jewish Nat. and Univ. Libr., Hebrew Univ., 1969– dir. Concurr: 1964–69 fdr. and dir, Jewish music res. cent, Hebrew Univ.; 1968– chief ed. of *Yuval*; ed. div. of music, E.J. Mem: Isr. Musicol. Soc. (chmn, 1967–69); Intl. Fed. of Sound Arch. (1968–1969); Répertoire Intl. de Littérature Musicale; Conseil Intl. Mixte. A: Jerusalem.

Biblio: *Les Incunables Hébraïques de la Bibliothèque Nationale* (Paris, 1962); *La pratique musicale savante dans quelques communautés juives en Europe aux 17e-18e siècles*, 2 vols. (Paris, 1966; rev. Eng. ed. Jerusalem, 1974); ed. Obadiah the Proselyte, *Three Synagogue Chants of the Twelfth Century* (Tel Aviv, 1969); ed. other medieval Hebrew scores; contrib. arts. to prof. journs. *Sources:* Hand, Print. — R.F.J.I.

Adler, Jankel, painter; b. Tuszyń near Lodz, Pol. 26 June 1895, d. Aldbourne near London 25 Apr. 1949. R: Jewish. E: 1933 Fr, 1935 Pol, 1937 Fr, 1943 U.K. C: Polish. F: Jewish, timber and coal dealer, deported, killed in Holocaust(?). M: Deported, killed in Holocaust(?). S: 9, incl. Emil, textile worker; Moritz, merchant; 2 bros. emigr. to Isr; 7 siblings deported, then killed in Holocaust(?). ∞ Betty Kohlhaas, b. 1899, d. 1971, Roman Catholic, drawing teacher. C: Nina Kohlhaas (from 1947 Adler), b. 1927, writer, a. Munich.

Apprenticed to goldsmith and engraver. 1911–12 worked at the Royal Post Engraver's, Belgrade. 1913 moved to Barmen. 1913–14 studied with Gustav Wiethüchter at the Sch. of Applied Art in Barmen-Wuppertal. 1914–18 resid. in Wuppertal. 1918–19 lengthy visits to Warsaw, Düsseldorf, Berlin, and Paris. 1918 in Lodz, fdr. art journ. *Yung Yiddish* with Moses Broderon. 1920 in Berlin, met Marc Chagall and became friends with → Else Lasker-Schüler. 1922 partic. with → Otto Freundlich, → Raoul Hausmann and others, in Intl. Exhib. Progressive Artists, Tietz dept. store, and counter exhib. of Intl. Revolutionary Artists in Grosse Berliner Kunstausstellung. 1923, 1929, 1931 partic. in exhibs. of the Novembergruppe. 1922–33 in Düsseldorf: 1925 commn. to design fresco for the Planetarium; 1926 commn. to paint mural for the exhib. "Gesolei." Mem. Rheingruppe and Rheinische Sezession. 1928 recd. gold medal for "Katzen" (exhib. of German Art in Düsseldorf 1928), with

Franz W. Seiwert exhib. at Barmer Museum. 1929–32 worked with Seiwert on the journ. *A bis Z* for the Group of Progressive Artists. 1929 partic. in exhib. "Zehn junge deutsche Maler," Kestner Soc, Hannover. 1929 and 1930 repeated visits to Mallorca, Sp. 1930 partic. in the exhib. "Seit Liebermann in Deutschland," Gall. Flechtheim, Berlin. 1931 own studio at the Art. Acad. in Düsseldorf; met → Paul Klee. Produced first abstract paintings. 1932 with Klee, → Wassily Kandinsky, → Johannes Molzahn, → Lyonel Feininger and others, mem. of the artists' assn, "Selection e.V." in Berlin. 1933 partic. in the exhib. of the Coll. Art Assn. C.A.A. at Rockefeller Cent, New York. 1933 emigr. to Paris due to racial persecution and discrimination as "degenerate" artist. Sojourn in Argèles-sur-Mer. Left fam. behind, met with → Arthur Kaufmann and → Theo Otto. 1935 emigr. to Pol. by traveling through Ger. Exhib. in Warsaw and Lodz after Pol. govt. helped rescue paintings from Düsseldorf storage. Trips to It, Balkan countries, and Moscow where he met → Will Lammert. 1937 returned to Fr. 1937 Stanley W. Hayer's "Atelier 17" in Paris. Incl. in the exhib. "Entartete Kunst" in Munich. 1938–39 in Cagnes-sur-Mer. 1940 vol. in Pol. fgn. army in Fr, then evacuated to Scot. 1943 discharged for health reasons in Kircudbright, Scot. 1943–45 in London. 1945–49 in Aldbourne, U.K. Exhib. at the Palais des Beaux Arts, Brussels; Gimpe Fils Gall, London (commission); Gal. de France, Paris; Waddington Gall, Dublin. 1947 refused Brit. cit. due to "contact with anarchists." 1948 exhib. at Knoedler Gall, New York. 1951 exhib. in J.A.'s memory at the Arts Coun, London. 1955 touring exhib. org. by the Art and Museum Assn, Wuppertal, travelled to Cologne and other cities.

Lit: J.D. Ferguson, *Adler and his Work*, cat, Anans Gall. (Glasgow, 1941); Gaston Diehl, J.A. cat, Palais des Beaux Arts (Brussels, 1946); Ch. Gamzuasa, J.A. cat. (Tel Aviv, 1947); Stanley W. Hayer and Paul Fierens, J.A. (London, 1948); Stefan Themerson, J.A. (London, 1948); Michael Hamburger, "In Memoriam, J.A.," *Flowering Cactus, Poems 1942–49* (Aldington, Kent, 1950); Alfred Werner, "Odyssey of a Polish Jew," *Jewish Frontier* (vol. 30, no. 7, New York, 1963); Anna Klapheck, J.A. (Recklinghausen, 1966); cat, *Avantgarde Gestern* (Kunsthalle Düsseldorf, 1970/71); Ulrich H. Bohnen, *Das Gesetz der Welt ist die Änderung der Welt* (W. Berlin, 1976); Natan Zach, J.A. cat, Rosenfeld Gall. (Tel Aviv, 1977); J.A. cat, Gal. Michael Hasenclever (Munich, 1977); Hansen, *Judenkunst*; Frommhold, *Kunst im Widerstand*; Schmiel, *Neue Sachlichkeit*; Kliemann, *Novembergruppe. Papers*: Charles Aukin, London. *Sources:* Hand, News, Pers, Print. — IFZ.

Adler, Julius, prof. of biochemistry and genetics; b. Edelfingen, Württemberg, Ger. 30 Apr. 1930. R: Jewish. E: 1938 U.S. C: 1943 U.S. fmlly. Ger. F: Adolf A. b. Edelfingen 1899, Jewish, elem. educ, butcher-grocer, 1938 to U.S. with wife and children. M: Irma Stern, b. Hohebach, Württemberg, Ger. 1900, Jewish, elem. educ, grocer. S: Helen, b. Edelfingen 1928, Jewish, att. univ. ∞ 1964 Hildegard Wohl, b. Nuremberg, Bavaria, Ger. 1928, Jewish, 1939 to U.K., 1942 to U.S., phys. educ. teacher, M.S. C: David, b. 1965; Jean, b. Kenosha, Wisc. 1971.

Apr. 1938 emigr. with fam. to U.S. 1952 A.B. Harvard. 1952–57 att. Univ. Wisconsin: 1954 M.S., 1957 Ph.D. 1957–59 fel, microbiol, Washington Univ, St. Louis, Mo. 1959–60 fel, biochem, Stanford Univ. 1960– mem. fac, Univ. Wisconsin, Madison: 1960 assist. prof. of biochem. and genetics, 1963 assoc. prof, 1966– prof, 1974– Edwin Bret Hart prof. Res. in biochem. and genetics of behavior. Att. prof. meetings in Ger. Mem: Am. Soc. Microbiol.; Am. Acad. Arts. Sci.; Nat. Acad. of Sci.; Am. Chem Soc.; Am. Soc. Biol. Chem. A: (1980) Madison.

Biblio: "The Metabolism of Itoic Acid by Animal Tissues" (diss, Univ. Wisconsin, 1957); contrib. to *Chemotaxis: Its Biology and Biochemistry*, E. Sorkin, ed. (Basel, New York, 1974); also contrib. more than 60 arts. to prof. journs. *Sources:* Hand, Qu. — R.F.J.I.

Adler, Karl, dir. of music conservatory, conductor, music teacher; b. Bittenhausen, Württemberg, Ger. 25 Jan. 1890, d.

New York 10 July 1973. *R*: Jewish. *E*: 1940 U.S. *F*: Louis A. b. Buttenhausen 1862, d. New York 1944, Jewish, shopkeeper (co-owner with wife), voluntary cantor, emigr. with son. *M*: Mathilde Löwenberg, b. Buttenhausen 1863, Jewish, emigr. with son. *S*: Fanny Neumann, b. 1891, a: New York; Irene Adler, b. 1898, d. New York 1980, both emigr. to U.S. ∞ Margarete Marx, b. Stuttgart, Württemberg 1901, Jewish, priv. secy. to K.A., emigr. with husband, a: Leonia, N.J. C: Fritz, b. Stuttgart 1927, 1939 sent to U.K. with children's transport, d. 1943 (drowned when U.S.-bound ship disappeared at sea).

Learned Jewish liturgical music from father. 1909 grad. Teachers Sem, Esslingen, Württemberg. 1912 att. Hochschule für Musik, Stuttgart. 1911–14 opera singer, Hoftheater, Stuttgart. 1915–18 lieut. Ger. Army, wounded; 1919 recd. E.K. 1919 fdr. and head of music dept. and chorus cond., Volkshochsch., Stuttgart; also ed. of its *Musikalische Blätter*. 1921–33 fdr., dir., cond. and teacher, Stuttgart Cons. of Music. Concurr. 1926 cofdr., Jüd. Lehrhaus, Stuttgart. Mar. 1933 dismissed from Stuttgart Cons. of Music following violent attack by S.A. troopers. 1933–38 fdr. and head, Stuttgarter Jüd. Kunstgemeinschaft, whose chorus and orch. of 200 persons gave frequent concerts. Concurr.: 1935–38 mem. exec. comms. and head of music dept., Mittelstelle für jüd. Erwachsenenbildung of the Reichsvertretung; 1935–38 head, Zentralstelle für das jüd. Vereins- und Veranstaltungswesen, Stuttgart. Represented the Jewish cmty. to var. Nazi officials; assisted many Jews in obtaining emigr. visas. Nov. 1938 arrested during Kristallnacht; released on condition of halting Jewish cultural activities and expediting emigr. process. 1938–40 head, Mittelstelle (emigr. adv.), Stuttgart where facilitated emigr. of Jews who had been imprisoned; recd. secret aid from non-Jewish sources incl. S. Bosch. 1940 emigr. to U.S. on non-quota visa with wife and parents. 1940 activities concerning further rescue of Württemberg Jews. 1941–44 mem. fac., New York Coll. of Music. 1942–48 head of music dept. and choral cond., Briarcliff Jr. Coll. (where in 1945 instrumental in obtaining first postwar Ger. exchange schol. for dtr. of Carl Friedrich Goerdeler, a leader of the Ger. underground). 1944–62 choral group leader and music instr., Extension Div., City Coll., New York (C.U.N.Y.); perfs. at Carnegie and Town Halls, New York. Also gave courses at Extension Div., Hunter Coll. (C.U.N.Y.). 1945–69 mem. fac., Yeshiva Univ., New York: 1951–66 fdr. and dir. of music dept. and cantorial training inst.; prof. of music. Concurr. 1954– Am. rep. of Künstlerhilfe, Süddeut. Rundfunk. 1961 instrumental in building of monument to deported Jews of Buttenhausen, and 1966 initiated est. of mml. at site of destroyed synagogue at Buttenhausen (fin. largely by City of Stuttgart). Mem.: Music Educ. Nat. Conf.; N.Y. State Music Assn.; N.Y. Singing Teachers Assn.; Jewish Music Forum; Jewish Music Coun.; Intl. Jewish Welfare Bd. Recd.: Dr. music h.c., New York Coll. of Music (1944).

Lit: Zelzer, *Juden*; Fritz Brodnitz, *Gemeinschaftsarbeit der Jüdischen Jugend* (Berlin, 1937); Annedore Leber, *Doch das Zeugnis lebt fort* (Berlin, Frankfurt/M., 1965); Paul Sauer, *Die jüdischen Gemeinden Württembergs* (Stuttgart, 1966). *Arch*: Perf. Arts Res. Cent., Lincoln Cent., New York. *Sources*: Arch., E.G.L., Pers., Print. — R.F.J.I.

Adler, Kurt, conductor, pianist; b. Neuhaus, Bohemia, Aus. (Jindřichuv Hradec, C.S.R.) 1 Mar. 1907, d. 21 Sept. 1977. *E*: 1933 U.S.S.R., 1938 U.S. *F*: Siegfried A. *M*: Olga Furth. ∞ Tocco Christiane. C: Evelyne; Pierre-Philippe.

Att. Gym. in Vienna. Studied musical. with Guido Adler and Robert Lach at Univ. Vienna. Concurr.: Studied with Ferdinand Foll; also studied piano with Richard Robert, composition with → Karl Weigl. 1927–29 assist. cond. to → Erich Kleiber, Berlin State Opera. 1929–32 assist. cond., Neues Deutsches Theater, Prague. 1932 returned to Berlin. 1932–33 cond., Dt. Musik-Bühne, Berlin. 1933 cond., Vienna Symph. Orch. 1933 emigr. to U.S.S.R. several days before Hitler seized power. 1933–35 head cond., Kiev State Opera. 1935–37 org. cond., Stalingrad Philh. Orch. 1938 emigr. to U.S. Toured U.S. as pianist. 1938–43 cond. Bach concerts for Friendship House, New York, 1940–42 dir.; presented concert of obscure works of com-

posers of var. eras and genres there. 1943 cond. Mozart Fest. in Mexico City; also cond. in Can. 1943– assist. cond., Metropolitan Opera, 1945– chorus master, 1951 cond. debut in Mozart's *Die Zauberflöte*; 1960 cond. *La Forza del Destino*; and 1961 cond. Met's first perf. of *Alceste*; 1973 retired. Known for fostering esprit de corps in his musicians in order to further a cohesive group feeling within his ensembles.

Biblio: Ed, *Songs of Many Wars, From 16th to 20th Century* (New York, 1943); *The Art of Accompanying and Coaching* (Minneapolis, Minn., 1965; 2nd ed. New York, 1971); *Phonetics in Diction and Singing* (Minneapolis, 1967; London, 1968). *Sources*: Arch., Hand., News. — R.F.J.I.

Adler, Kurt Herbert, conductor, general music director and music administrator; b. Vienna 2 Apr. 1905. *R*: Protestant. *E*: 1938 U.S. *Cir*: 1941 U.S. *F*: Ernst A., indus. *M*: Ida Bauer. ∞ I. 1940 Diantha Warfel, 1963 div.; II. 1965 Nancy Miller. C: Kristin Diantha; Ronald Huntington.

1921–26 att. New Vienna Cons. Concurr.: 1923–27 att. Univ. Vienna; studied with Guido Adler; 1925–28 coach, instr., accompanist, chorus dir., cond., → Max Reinhardt's Theater i. d. Josefstadt, Vienna. 1928–34 cond. at var. opera houses in Ger. and It.; guest appearances on radio progs. 1934–36 cond. Vienna Volksoper; concurr. dir., opera dept., New Sch. of Music, Vienna. 1936, 1937 partic. in Salzburg Fest, initially as assist. to Toscanini. 1936–38 cond. for opera and radio in C.S.R.; concurr. gave courses at intl. summer sch. at Salzburg Mozarteum. 1938 emigr. to U.S. 1938–43 cond., Chicago Civic Opera Co., 1941 cond. Grant Park concerts, Chicago; concurr. 1942 guest cond., Illinois Symph. Orch. 1943– with San Francisco Opera Co.: 1952 assist. to gen. dir., 1953 artistic dir., 1956 gen. dir.; 1944– cond. annual Midsummer Music Fest. 1945 with New Opera Co., New York. 1949–50 lect., guest cond., Univ. California, Berkeley Symph. Orch. 1949–52 artistic adv., San Francisco Cons. of Music, also cond. of youth concerts, San Francisco Symph. Guest cond.: Standard Hour Symph. broadcasts; N.B.C.; Hollywood Bowl; 1951– Pacific Music Camp; 1958 San Carlo Opera, Naples, It. 1961 gen. dir., Spring Opera of San Francisco. 1966– fdr. and gen. dir., Western Opera Theater, a travelling co., and 1969– of Music Cent. Opera Assn., Los Angeles. Also fdr. of Brown Bag Opera, San Francisco. 1968 Kurt H. Adler Award estd. for winners of San Francisco Opera auditions, in hon. of K.H.A.'s 25th year there. 1980 nominated by Pres. Carter to serve six yr. term on Nat. Coun. on the Arts. Recd.: Hon. dr. music, Coll. of the Pacific (1956); Decorative Star of Solidarity, It. (1957); Ger. Officer's Cross (1959); Great Medal of Hon., Aus. (1961); Cavaliere, It. Repub. (1965); Comdr's Cross, Order of Merit, Fed. Repub. Ger.; Repertoire Award, Nat. Opera Inst. (1978); San Francisco Opera Medal (1978). Responsible for expanding and updating the repertoire of the San Francisco Opera, and for introducing Marilyn Horne, Birgit Nilsson and Leontyne Price to Am. audiences. Initiated the first major Am. productions of *Les Troyens* by Berlioz, Britten's *A Midsummer Night's Dream* and Strauss' *Die Frau ohne Schatten*. Introduced offbeat operas to San Francisco audiences, incl. some by → Kurt Weill. A: San Francisco.

Biblio: Ed: *Operatic Anthology* (New York, 1954); *Famous Operatic Choruses* (New York, 1955); *Arias from Light Operas* (New York, 1960). *Arch*: Perf. Arts Res. Cent., Lincoln Cent., New York. *Sources*: Arch., Hand., News, Print. — R.F.J.I.

Adler, Leo, cantor; b. Braunsbach, Württemberg, Ger. 16 May 1884, d. New York 28 Mar. 1966. *R*: Jewish. ∞ Lottie.

Att. Evangelisches Lehrersemin., Esslingen, Württemberg. Grad., Stuttgart Hochschule für Musik. 1908–38 Oberkantor, Hauptlehrer, Stuttgart Jewish cmty. Oct. 1938 transported to Dachau concentration camp; freed after 4 weeks. 1938 emigr. to U.S. Active partic. in Org. Jews from Württemberg. A: New York.

Biblio: *Heinrich Sontheim: Ein Künstlerleben* (Stuttgart, 1916); "Verhandlungen bei dem Obererrat der Israelitischen Religionsgemeinschaft," *Feiertagsschriften der Israelitischen Kultusvereinigung Württemberg und Baden* (Sept. 1962, Apr. 1963,

Stuttgart); "Die Bibliothek des Israelitischen Oberrats," *Jüdisches Gemeindeblatt* (1938); "Israelitische Religionsgemeinschaft von Württemberg," *L.B.I.Y.B.* (no. 5, 1960). *Arch*: Cologne File, R.F.J.I. *Sources*: *Arch*, *News*, *Print*. — R.F.J.I.

Adler, Ludwig, gynecologist; b. Vienna 7 Nov. 1876, d. U.S. 1958. *E*: 1938 U.S. *F*: Adolf A. *M*: Josefina Wolf. ∞ 1912 Hedwig Reinau. *C*: Dorle Nichols.

1894–1900 studied med, Univ. Vienna; 1900 Dr. med. Assist. Gen. Hosp. Vienna and Univ. Inst. of Pathol.-Anat. 1904– with Clinic Schauta, where involved in pioneering work on endometritis glandularis with Fritz Hitschmann. 1912 Habil. in obstet. and gynecol., Univ. Vienna, 1919 a.o. Prof. 1921–38 head, Dept. of Gynecol., Wilhelminen Hosp., later on Rudolph-Hosp. and Bettina-Pavillion, Vienna. *Sci.* work in Aus. focused on pathol. of the uterus, ovarian functions, and treatment of uterine carcinoma. Earned international reputation as surgeon by discovering method for radical vaginal hysterectomy with implantation of radium into the parametria. 1938 emigr. to U.S. 1942– attend. gynecol., Beth Israel Hosp., New York. Consult. St. Claire's Hosp., New York. Mem. of num. Eur. and Am. sci. socs. incl. hon. mem. Brit. Assns. of Obstet. and Gynecol., Vienna Med. Soc. and hon. fel., Am. Assn. of Gynecol. and Abdominal Surgeons.

Biblio: Co-auth. with Hitschmann, *Die Lehre von der Endometritis* (1908); *Der Bau der Uterusschleimhaut* (1908); *Die Radiumbehandlung maligner Tumoren in der Gynäkologie* (1919); *Die Uterusschleimhaut der geschlechtsreifen Frau* (1928); *Die Uterusschleimhaut bei Blutungen* (1928); *Physiologie des Ovarium* (1929, Eng. trans. 1931); many others; contrib. more than 100 arts. to prof. journals, and handbooks. *Lit*: Fischer I. *Sources*: *Arch*, *Hand*, *Journ*, *Print*. — IFZ.

Adler, Paul, writer; b. Prague 4 Apr. 1878, d. Zbraslav near Prague 8 June 1946. *R*: Jewish. *E*: 1933 C.S.R. *F*: Adolph, b. 1839, d. 1915, merchant. *M*: Laura Popper, b. 1852, d. 1925. ∞ 1925 Anna Kühn, née Dusik, b. 1874, d. 1950. *C*: Elisabeth, b. 1912; Hans, b. 1914, Dipl.-Ing.

1896–1900 studied law, Univ. Prague; 1901 Dr. jur. 1901–02 judge. 1903–10 in lt. with *Jakob Hegner. 1912– lived in the Hellerau artist colony near Dresden which he co-founded. Contrib. to many journals. incl. *Pan*, *Die Aktion*, *Neue Blätter*, *Die Weissen Blätter*, *Das Forum*, *Summa*, *Marsyas*, *Der Anbruch*, *Neue Blätter für Kunst und Dichtung* and Expressionist anthologies. Pacifist in W.W.I. 1917 mem. U.S.P.D. 1918 fdr., Sozialistische Gruppe geistiger Arbeiter. 1921 temporary art and theater critic for *Die Prager Presse*. 1923– returned to Hellerau. Contrib. to journals. *Die literarische Welt* and *Der Querschnitt*. 1933 escaped to Prague, wrote under pseud. for the feuilleton *Prager Presse* 1939 paralyzed on one side as the result of a stroke. Expressionist writer and poet; precursor of Surrealism. Trans. from the French, works by P. Claudel, J. Cocteau, G. Flaubert, P. Valéry and E. Zola.

Biblio: *Elohim*, stories (Dresden, 1914); *Nämlich*, novel (Hellerau, 1915); *Die Zauberflöte*, novel; (Hellerau, 1916); *Vom Geiste der Volkswirtschaft* (Leipzig, 1917); *Japanische Literatur* (Frankfurt/M., 1925); *Sachwörterbuch zur japanischen Literatur* (Frankfurt/M., 1925); many others. *Lit*: Gustav Krojanker, ed., *Juden in der deutschen Literatur: Essays über zeitgenössische Schriftsteller* (Berlin, 1922); Ruediger Engerth, ed., *Expressionismus; Im Schatten des Hradschin: Kafka und sein Kreis* (Graz, Vienna, Cologne, 1965); Paul Raabe, ed., *Expressionismus: Der Kampf um eine literarische Bewegung* (Munich, 1965); Ludo Abicht, *P.A. ein Dichter aus Prag* (Wiesbaden, Frankfurt/M., 1972); *D.L.L.*; Stern, *Werke*. *Sources*: *Hand*. — IFZ.

Adler, Peter Herman(n), conductor; b. Gablonz, Bohemia, Aus. (Jablonec, C.S.S.R.) 2 Dec. 1899. *E*: 1939 U.S. *Cir*: 1944 U.S. *F*: Bertold A., dr. *M*: Else Rindskopf. ∞ 1954 Helen George.

1920–24 studied at Prague Cons. and privately with Fidelio Finke, Vítězslav Novák and → Alexander von Zemlinsky.

1924–29 opera cond. in Ger. and C.S.R. 1924–25 in Gablonz (Jablonec), 1925–27(?) in Brünn (Brno), C.S.R., 1928–29(?) in Teplitz-Schönau (Teplíce-Sanov), C.S.R., 1929–33(?) in Bremen and Darmstadt, Ger. 1932(?) emigr. to U.S.S.R. 1932–38(?) cond. of Kiev State Orch. *Concurr*: Taught cond. at Kiev Cons., also in Moscow and Leningrad; guest cond., New Opera Co., New York and of orchs. in cent. Eur. 1938 guest cond. in Prague. 1939 emigr. to U.S. 1939 debut with New York Philh. 1940–48 guest cond. of symph. orchs. and operas. *Concurr*: 1942 cond., New Opera Co., New York with → Fritz Busch. 1949– musical and artistic dir. of N.B.C. Opera Co.; *concurr*. dir. of symph. concerts for N.B.C. 1959– music dir., Baltimore Symph. Orch.; guest Eur. T.V. operas. 1967– guest cond., music adv. to Nat. Educ. T.V. Recd. Artist/Craftsman Award for pioneering efforts in the prod. of televised opera, Nat. Opera Inst.

Sources: *Hand*, *Print*. — R.F.J.I.

Adler, Peter T., dir. of mental health center; b. Vienna 5 July 1934. *R*: None, fmly. Roman Catholic. *E*: 1938 U.K., 1940 U.S. *Cir*: 1945 U.S., fmly. Aus. *F*: Paul A., b. Vienna 1900, d. St. Johnsville, N.Y. 1960, Roman Catholic, Dr. med., physician, interned Dachau concentration camp, 1939 to U.K., 1940 to U.S. *M*: Maria Langer, b. Vienna 1907, Roman Catholic, soc. worker, 1938 to U.K., 1940 to U.S. *S*: (none). ∞ 1958 Eileen Moran, b. Buffalo, N.Y. 1931, M.S.W., Hunter Coll., soc. worker. *C*: Alanna, b. 1959; Corinne, b. 1961; Paul, b. 1962; all students.

1938 emigr. with mother to U.K., and 1940 with fam. to U.S. 1955 B.S., Union Coll., Schenectady, N.Y. 1957–61 clin. psych. trainee, Veterans Admin. 1961 Ph.D. in clin. psych., New York Univ. Licensed in N.J. and Penn.; cert. in N.Y. 1963–70 priv. practice of psych. *Concurr*. 1961–70 mem. staff, New York Med. Coll.-Metropolitan Hosp.; 1961 staff psych., 1963 sr. psych. and instr. in psychiatry, 1965 assist. prof. psych. and dir., internship prog. in clin. psych., 1967 chief psych. 1970– dir., consult. and educ. div., South Hills Health System Mental Health/Mental Retardation Cent. and part-time fac., dept. of psych., Univ. Pittsburgh Sch. of Soc. Work. *Concurr*: 1972– proj. dir., Nat. Inst. of Mental Health grant on preventive serv. for children; 1974–76 proj. dir., Police Coun. Proj., L.E.A.A. grant in conjunction with Steel Valley Coun. of Govts. Mem.: Am. Bd. Prof. Psych.; Am. Psych. Assn.; Penn. Psych. Assn. (div. cmty. psych., pres. 1975–76); Penn. Consult. and Educ. Coun. (1975–76 chmn.). *A*: (1979) Pittsburgh, Penn.

Biblio: Contrib. approx. one dozen papers on cmty. mental health and related issues to journals. incl. *Intl. Journ. Addictions*, and *Journ. of Consult. and Clin. Psych.* *Sources*: *Hand*, *Qu.* — R.F.J.I.

Adler, Robert, research engineer; b. Vienna 4 Dec. 1913. *R*: None, fmly. until 1927 Jewish. *E*: 1939 U.K., 1940 U.S. *Cir*: 1946 U.S., fmly. Aus. *F*: Max, b. Vienna 1872, d. Vienna 1937, Jewish, Dr. jur., prof. of sociol. *M*: Jenny Herzmark, b. Riga, Latvia, Russ. (U.S.S.R.) 1877, d. Chicago 1950, Dr. med., physician, 1939 to Fr., 1942 to U.S. *S*: Leoneore Suschitzky, b. Vienna 1910, att. univ., 1938 to U.K. ∞ 1946 Mary Buehl, b. Pigeon, Mich. 1912, Methodist, B.S. in chem., med. technol. at var. hosps. *C*: (none).

1937 Dr. phil. in phys., Univ. Vienna. 1937–38 assist. to patent lawyer; *concurr*. contrib. arts. on electronics to prof. journals. Mar. 1939 emigr. to Belg.; brief stay in Brussels. June 1939 emigr. to U.K. on vis. visa. Jan.–June 1940 engr. in electronics lab. for Sci. Acoustics Ltd., London. June 1940 emigr. to U.S. (fare paid by Quakers). 1940–41 head of lab, Assoc. Res. Inc., Chicago. 1941–77 with Zenith Radio Corp. Res. engr., assoc. dir. of res. 1957 v. pres., 1963 dir. of res. From 1978 v. pres. of res., Extel Corp. Ca. 150 patents; best known for inventing ultrasonic remote control for T.V.; also regarded for electron beam tube and acoustic work. Mem.: I.E.E.E. (mem. 1940–; fel. 1951–); A.A.A.S. (mem. and fel.); Nat. Acad. of Engr. (1967–). *A*: (1980) Northfield, Ill.

Biblio: Contrib. arts. to prof. journals. *Sources*: *Hand*, *Qu.* — R.F.J.I.

Adler, Samuel Hans, composer, prof. of composition; b. Mannheim, Baden, Ger. 4 Mar. 1928. *R.* Jewish. *E.* 1939 U.S. *Cit.* 1944 U.S. fmly. Ger. For *F*, *M* and *S* see father → Hugo Charles Adler. ∞ 1960 Carol E. Stalker, b. Rochester, N.Y. 1938, Jewish, B.A., writer, poet-in-resid. at Pittsford, N.Y. sch. syst. C: Deborah, b. 1961; Naomi, b. 1966.

Jan. 1939 emigr. to U.S. 1946–48 att. Boston Univ; studied with → Karl Geiringer, → Paul Pisk, 1948 B. Mus. 1948–50 att. Harvard Univ, studied with Walter Piston, Herbert Fromm, Randall Thompson and → Paul Hindemith; concurr. 1949–50 studied with Aaron Copland and Serge Koussevitzky at Tanglewood Inst., Lenox, Mass; 1950 dipl. 1950–52 cpl, U.S. Army; org. and cond. Seventh Army Symph. Orch. (Stuttgart) touring Ger. and Aus; recd. Medal of Hon; also guest cond. for num. opera cos. and orchs. in Ger. and in 1952 cond. Royal Dutch Ballet orch. 1954–56 org. and cond. Dallas Chorale, Tex; concurr. 1954–57 cond. Dallas Lyric Theater. 1954–66 prof. of composition, North Texas State Univ, Denton. Concurr: 1953–66 music dir, Temple Emanu-El, Dallas; 1958 cond. lect. in Middle East, sponsored by U.S. State Dept; 1965 Rockefeller and Ford Found. grants. From 1966 prof. of composition, Eastman Sch. of Music, Univ. Rochester, N.Y., 1974– chmn. composition dept. S.A.'s works have been performed all over the world. Interested in the concept of the "total music theater." Mem: Nat. Assn. Composers and Conds; Am. Music Cent; Am. Choral Found; others. Recd: Dallas Symph. Prize, Univ. Texas (1953); 1st Prize, Texas Composers Guild (1955, 1957–63); Charles Ives Mml. Award, Univ. Houston (1963); spec. A.S.C.A.P. Award (annually from 1960); S.W. Coll. Bandmasters Award (1964); Dr. mus. h.c. Southern Methodist Univ, Tex. (1969). A: (1981) Rochester, N.Y.

Works: 5 stage works: *The Outcasts of Poker Flats*, opera in one act (1959); *The Wrestler*, sacred opera in one act (1971); *The Lodge of Shadows*, music drama (1973); *The Disappointment*, reconstruction of an early American ballad opera (1974); *The Waking*, for dancers, chorus and orch. (1978); 5 symphs. (1953, 1957, 1960 revised 1980–81, 1967, 1975); 4 concertos: for winds, brass and percussion (1968), for organ and orch. (1970), for orch. (1971), for flute and orch. (1977); other orch. works incl. *Toccata* (1954) and *Rhapsody* for violin and orch. (1961); larger choral works incl. *B'shaaray Tefilah*, a Sabbath service (1963) and *The Binding*, an oratorio (1967); also works for organ, wind ensembles, chamber music (incl. 6 string quartets) and songs; many works on Jewish sacred themes incl. for children; num. other works for ensembles of all lengths and description listed in R.F.J.I. arch. *Recordings*: Incl. for R.C.A., Vanguard, Crystal, Lyricord; list in R.F.J.I. arch. *Biblio*: *Anthology for the Teaching of Choral Conducting* (New York, 1971); *Singing and Hearing*, a sight-singing book (New York, 1979); *The Study of Orchestration* (New York, 1982); contrib. num. arts. to prof. journals. incl. *The Music Educator's Journal*, *The Am. Choral Rev.*, *The Am. Music Teacher*; further info. in R.F.J.I. arch. *Papers*: Complete works to date in Sibley Music Libr., Eastman Sch. of Music. *Arch*: Perf. Arts Res. Cent., Lincoln Cent., New York. *Sources*: Arch, Biog, Hand, News, Print, Qu. — R.F.J.I.

Adolf, Helen, prof. of German; b. Vienna 31 Dec. 1895. *R.* Jewish. *E.* 1939 U.S. *Cit.* 1944 U.S. fmly. Aus. *F*: Jakob A, b. Przemyśl, Galicia, Aus. (Pol.) 1850, d. Vienna 1926, Jewish, Dr. jur., lawyer. *M*: Hedwig Spitzer, b. Vienna 1864, d. Vienna 1936, Jewish, att. high sch. *S*: Anna Spiegel, b. Vienna 1893, Dr. med. and Doz, Univ. Vienna Sch. of Med, 1930 to U.S., prof. emer, Temple Univ, Philadelphia. ∞ (none). C: (none).

1915–18 att. art sch, Vienna. 1918–23 att. Univ. Vienna; 1923 Dr. phil. with highest hon. Worked for Reclam publ. house, Leipzig, as compiler of anthols; concurr. priv. studies and writing. Mem: Intl. Soc. for Psych. of Relig. (secy. 1923–38). Apr. 1939 emigr. to U.S. Aided by rels. and Am. Friends Serv. Comm. 1939–40 att. summer sch, Univ. Pennsylvania to learn Sp. 1940–41 head, sch. latin dept, Foxcroft, Va. 1942–43 teacher of Fr, San Luis Ranch sch, Colo. 1943– mem. fac, Pennsylvania State Univ: 1943–46 instr. of Ger, Fr. and Sp. at Altoona, Penn. undergrad. cent, 1946–47 assist. prof, 1947–53 assoc.

prof, 1953–63 prof. of Ger, 1963– prof. emer. Concurr: 1963–66 vis. prof. of Ger, Muhlenberg Coll, Allentown, Penn; summer 1966 teacher of grad. course in Ger, Univ. Pennsylvania. Spec. in linguistics and religious psychology, also noted for poetry, historical and cultural studies. Mem: M.L.A.; Mediaeval Acad. of Am; Linguistic Soc. of Am; Arthurian Soc; P.E.N. (Aus.). Recd: Hon. Mention, *Journ. of Aesthetics* (1951); Louis H. Bell Mml. Award, Pennsylvania State Univ. (1960); Ehrenkreuz 1st class, arts and letters, Aus. (1972). A: (1981) Philadelphia.

Biblio: Trans, Jeanne Galzy, *Therese von Avila, der Lebensroman einer Heiligen* (Munich, 1929); compiler, *Dem neuen Reich entgegen, 1850–1871* (Leipzig, 1930); compiler, *Im neuen Reich, 1871–1914* (Leipzig, 1932); *Wortgeschichtliche Studien zum Leib/Seele-Problem* (Vienna, 1937); *Visio pacis: Holy City and Grail: an attempt at an inner history of the Grail Legend* (University Park, Penn, 1960); *Werden und Sein: Gedichte aus fünf Jahrzehnten*, poetry (Horn, Aus, 1964); for biblio. to 1968 see *Helen Adolf Festschrift, 1968* (New York, 1968); Spalek-Strelka, *Deutsche Exilliteratur* (vol. II); contrib. more than 50 arts. and 70 revs. to prof. journals. *Sources*: Hand, Print, Qu. — R.F.J.I.

Adorno, Theodor W. (fmly. Wiesengrund), prof. of philosophy and sociology, musicologist; b. Frankfurt/M 11 Sept. 1903, d. Brig, Wallis, Switz. 6 Aug. 1969. *E.* 1934 U.K., 1938 U.S., 1949 Fed. Repub. Ger. *Cit.* Ger. *F*: Oskar Wiesengrund, Jewish, wine merchant. *M*: Maria Cavelli-Adorno della Piana. ∞ 1937 Dr. Margarete Karplus.

Studied music, philos. and sociol, Univ. Frankfurt/M; 1924 Dr. phil. with thesis in theory of knowledge on Edmund Husserl. Musicol. and for a time ed, *Neue Blätter für die Kunst und Literatur*. 1925–28 studied music in Vienna with Alban Berg and Eduard Steuermann; composed music. 1928–32 head of Viennese music journ. *Anbruch*. Reputation as theoretician of New Music. 1930–33 with Univ. Frankfurt/M: 1930 at Inst. for Soc. Res, Univ. Frankfurt/M, 1931 Habil. and Privatdoz. in philos, with thesis on Kierkegaard. 1933 retraction of *venia legendi*. 1934 emigr. to U.K. Instr. at Oxford Univ. 1938 emigr. to New York as mem. of Inst. for Soc. Res, which was moved to and re-opened in U.S. Concurr. until 1941 dir. of music dept, Princeton Radio Res. Proj. 1941 moved to Calif. with → Max Horkheimer. With Horkheimer wrote *Dialektik der Aufklärung*. Res. at Inst. for Soc. Res. for *Authoritarian Personality* within the coll. work *Studies in Prejudice* (5 vols, 1949–50). Instr, Univ. California, Berkeley. 1944–49 dir. of Res. Project on Soc. Discrimination in Los Angeles. 1949 returned to Ger. Resumed activities at Univ. Frankfurt/M and at Inst. for Soc. Res: 1950 apl. Prof, 1953 a.o. Prof. and 1956– o. Prof. of philos. and sociol. 1953– together with Horkheimer dir. Inst. for Soc. Res. Influenced by Hegel, Marx, → Sigmund Freud and → Walter Benjamin. A's philosophical writings made him the dialectical critic of neo-positivism, and led him to critical analysis and rejection of existential philosophy. With the return to Frankfurt of the Institute for Social Research, A. gave German postwar sociology a decisive impetus, esp. concerning the expansion of empirical social research. In the 1960s conducted the so-called "Positivism dispute" against → Karl Popper on the methodological problems of the social sciences (which was continued by their respective students Jürgen Habermas and Hans Albert). A's influence as intellectual critic is most effective in academic circles in the Federal Republic of Germany. A's critique of the restrictions and rigidity of modern industrial society earned him a position as an intellectual leader of the student and youth revolts of the 1960s. Well known also as musicologist. As composer, wrote songs, quartet and orchestra pieces and was → Thomas Mann's musical advisor for *Doktor Faustus*, among others. Mem: Ger. Soc. for Sociol; Philos. Soc. Oxford; Ger. P.E.N.-Cent, others. Recd: Arnold Schönberg Medal (1954); Ger. Critics' Award for Lit. (1959); Goethe-Plaque of the City of Frankfurt/M (1963).

Biblio: Kierkegaard → *Konstruktion des Ästhetischen* (1933; 3rd ed. 1966); co-auth. with → Willi Reich and → Ernst Kfeneck, *Alban Berg* (Vienna, 1937); co-auth. with Max Horkheimer, *Dialektik der Aufklärung* (Amsterdam, 1947); *Philosophie*

der neuen Musik (Tübingen, 1947); *Democratic Leadership and Mass Manipulation* (1948); co-auth. *The Authoritarian Personality* (New York, 1950; 2nd ed. 1965); *Minima moralia: Reflexionen aus dem beschädigten Leben* (Berlin, Frankfurt/M., 1951; new ed. 1962); *Versuch über Wagner* (Berlin, Frankfurt/M., 1952; new ed. 1964); *Prismen: Kulturkritik und Gesellschaft* (Berlin, Frankfurt/M., 1955; new ed. 1963); *Dissonanzen: Musik in der verwalteten Welt* (1956; 3rd ed. 1963); *Zur Metakritik der Erkenntnistheorie* (Stuttgart, 1956); *Noten zur Literatur*, 3 vols. (Frankfurt/M., 1958, 1961, 1965); *Mahler* (Frankfurt/M., 1960); *Einleitung in die Musiksoziologie* (Frankfurt/M., 1962; 2nd ed. 1968); co-auth. with M. Horkheimer, *Sociologica II* (1962); *Eingriffe* (Frankfurt/M., 1963); *Der getreue Korrektor* (Frankfurt/M., 1963); *Drei Studien zu Hegel* (Frankfurt/M., 1963); *Moments musicaux* (Frankfurt/M., 1964); *Jargon der Eigentlichkeit: Zur deutschen Ideologie* (Frankfurt/M., 1965); *Negative Dialektik* (1966); *Der Positivismusstreit in der deutschen Soziologie* (1969); *Komposition für den Film* (Munich, 1969; written 1944 with — Hanns Eisler; Eng. ed. 1947 and Ger. ed. 1949 mention only Eisler as auth.); "Wissenschaftliche Erfahrungen in Amerika." *Neue deutsche Hefte* (vol. 16, 1969; Eng. trans. in Bailyn and Fleming, *Perspectives in American History* (vol. 2, Cambridge, Mass, 1968); others; further biblio. in G.K. (1950–). Lit: Max Horkheimer, ed. *Zeugnisse: Theodor W. Adorno zum 60. Geburtstag* (Frankfurt/M., 1963); *Über Theodor W. Adorno*, with contrbs. by Jürgen Habermas and others; 2nd ed. Frankfurt/M., 1968); Radkau, *Emigration*; Martin Jay, *The Dialectical Imagination: A History of the Frankfurt School and the Institute of Social Research 1923–50* (Boston-Toronto, 1973; Ger. trans. Frankfurt/M. 1976); Rolf Wiggershaus, "Die Geschichte der Frankfurter Schule." *Neue Rundschau* (Frankfurt/M., 1978); Helmut Dubiel, *Wissenschaftsorganisation und politische Erfahrung: Studien zur frühen kritischen Theorie* (Frankfurt/M., 1978). Ach: S.P.S.L.; Houghton Libr. Harvard Univ. Sources: Arch, Hand, Journ, News, Pers, Print. — IfZ.

Aladjem, Frederick, prof. of biophysics and immunochemistry; b. Vienna 8 Feb. 1921. E: 1938 Bulg., 1940 U.S. Cit: U.S. ∞ 1957. C: 3.

1938 emigr. to Bulg. 1940 emigr. to U.S. 1944 B.A., Univ. California, 1954 Ph.D. in biophys. 1944–46 serv. U.S. Army. 1950–54 physicist, radiation lab, Univ. California. 1954–57 fel. and res. fel. in chem. div. nat. microbiol. inst. U.S.P.H.S. at California Inst. of Technol. 1956– mem. fac. Univ. Southern California. Sch. of Med: 1956 instr. 1957 assist. prof. 1960 assoc. prof. 1965– prof. of microbiol.; concurr. 1957– consult. in pathol. Los Angeles County Gen. Hosp. Res. on the immunochemistry of lipoproteins; allergic and antigen-antibody reactions. Mem: Am. Assn. of Immunologists; Am. Soc. Microbiol.; Biophys. Soc.; A.A.A.S.

Biblio: "Immunochemical Studies on Ovalbumins and Human Plasma Lipoproteins" (diss. Berkeley, 1954); contrib. arts. to prof. journs. incl. *Nature*, *Science*, *Journ. Exp. Med.*, *Journ. Theoret. Biol.*, *Immunochem.* and *Biochem.* Sources: Hand, Journ, Pers, Print. — R.F.J.I.

Albeck, Chanoch, rabbi, prof. of Talmud; b. Lowicz, Russ. Pol. (Pol.) 3 Aug. 1890. d. Jerusalem 9 Jan. 1972. R: Jewish. E: 1935 Pal. Cit: 1938 Pal. (Isr.), fmly. Russ. then 1921–38 Aus. F: Shalom A. b. Warsaw 1858, d. Ger. 1920, Jewish, businessman, scholar and auth. emigr. from Pol. to Ger. M: Rachel Brodt, b. Pol. d. 1926, Jewish. S: Israel A.; Jehudah Leib Leo, emigr. from Pol. to Ger. to U.S. ∞ 1922 Hendel Henia Weiss, b. Podhajce, Pol. (Podgaitz, U.S.S.R.) 1891, d. Jerusalem 1973, Jewish, 1915(?) from Pol. to Aus. 1923(?) to Ger. to Pal. with C.A. and children. C: Lili Leah Bacharach, b. Vienna 1923, to Ger, Pal, educ. Hebrew Univ, teacher; → Shalom Fridemann Albeck; → Michael Albeck.

1905 publ. ed. talmudic commentary of Meiri on Tractate Yevamot. 1905 ordained rabbi. 1915 att. theol. sem. Vienna. 1917–21 att. Univ. Vienna; 1921 Dr. phil.; concurr. emigr. to Ger. 1920–29 res. scholar, Akad. für die Wiss. des Judentums, Berlin; 1926–35 lect. L.(H.)W.J. 1935 emigr. to Pal. with offer

of post at Hebrew Univ. 1936– prof. of Talmud, Hebrew Univ, 1937 prof. of Talmud and Midrash, 1956 emer. Spec. in Talmud; editor and author of studies on Literary texts; composed comprehensive introductions to various Talmudic works. Popular commentary on Mishnah is generally recognized as the basic modern tool for its study, summarizing the results of C.A.'s own research and that of others who have studied talmudic literature with modern critical approaches. Mem: Isr. Acad. of Scis. and Hums. (found. mem. 1959). Recd: Rabbi Kook Prize of Tel Aviv (1945); Bialik Prize of Tel Aviv (1970).

Biblio: Co-ed. notes on *Bereschit Rabba* (Berlin 1903–36); auth. *Untersuchungen über die Redaktion der Mischna* (Berlin, 1923); auth. *Untersuchungen über die halachischen Midraschim* (Berlin, 1927); auth. *Das Buch der Jubiläen und die Halachah* (Berlin, 1930); completed father's ed. notes on *HaEshkol*, by Abraham ben Isaac, I–II (1935–38); ed. and supp. *Hadrashot beYisrael* (Heb. trans. of Zunz Gottesdienstliche Vorträge; Jerusalem, 1947); auth. *Shishah Sidre Mishnah* (commentary on the *Mishnah*; 6 vols. Jerusalem, 1952–58); auth. *Mavo laMishna* (Introduction to the *Mishnah*; Jerusalem, 1959; Ger. ed. Berlin–New York, 1971); auth. *Mavo laTalmudim* (Introduction to the Talmud, I; Tel Aviv, 1969); num. other publs. incl. books, commentaries, and articles in periods; biblio. to 1963 in *Sepher haYovel leRabbi Chanoch Albeck*, 70th Birthday Jubilee vol. (Jerusalem, 1963). Lit: A.M. Habermann in S.K. Mirsky, ed. *Ishim uDemuyot beHohmat Yisrael beEuropa haMizrahit* (Men and Images in the Wisdom of Israel in Eastern Europe; 1959); obits. in *Isr. Exploration Journ.* (vol. 22, 1972); art. by Y.D. Gilat in *Sinai* (vol. 72, 1972/73); *Al Professor Chanoch Albeck* (Hebrew Univ. mml. booklet, Jerusalem 1972/73); see also Jubilee vol. listed in *Biblio. Sources*: Hand, Journ, Pers, Print, Qu. — R.F.J.I.

Albeck, Michael, prof. of chemistry; b. Berlin 15 Oct. 1934. R: Jewish. E: 1935 Pal. Cit: Isr. For F, M, S see father → Chanoch Albeck and brother → Shalom Albeck. ∞ 1955 Shulamit Firan-ko, b. Jerusalem 1934, Jewish, M.A. in sociol. C: Amnon, b. 1958; Dan David, b. 1959; Yael, b. 1965; Ruth, b. 1970.

1935 emigr. to Pal. with fam. 1952–55 serv. with I.D.F.; afterwards major with I.D.F. reserves. 1955–61 studied chem, Hebrew Univ; 1959 M.S., 1961 Ph.D. 1962–64 sr. invest. Inst. for Fiber and Forest Prods, Jerusalem. 1964–66 dir. of chem. labs, Mekorot Water Co. 1966– mem. fac. Bar Ilan Univ, Ramat Gan, Isr: 1966 sr. lect. 1967–69 and 1972–75 dean, fac. of natural scis, 1972 assoc. prof. 1978– prof. Spec. in polymer chem, mechanisms of reactions, organotellurium compounds. Pres. Isr. Chem. Soc. Mem: Bd. of trustees, Bd. of Governors of Bar Ilan Univ; mem. bd. of governors: Dead Sea Works; Weizmann Sci. Press, Isr; Isr. Nat. Comm. on Biosphere and Environment; hon. secy, Assn. for Advancement of Sci. in Isr. A: (1979) Ramat Gan.

Biblio: Co-auth. "Electroinitiated Polymerization of Vinylc Monomers in Polar Systems," in *Journ. of Polymer Sci.* (1971); co-auth. "Substituent and Solvent Effects on ElcB Elimination of Second Type from-2 Anisyl-1,1,2-Tricyano Propanes," *Journ. Chem. Soc.* (1972); co-auth. "A Very Slow ElcB Elimination under Extreme ElcB Conditions," *Tetrahedron Letters* (1972); co-auth. "An ElcB and E2cB Mechanisms in the Elimination of Trifluoroethoxide Ion from L,L-Dinitro-B,B-Diphenyl-B- (Trifluoroethoxy) Ethyl Anion and the Non-Reactivity of the B-Cyano L,L-Dinitro-B,B-Diphenylethyl Anion," *Journ. Chem. Soc.* (1975); co-auth. "Reactions of Te(IV) Halides with Anthracene and Other Organic Compounds," *Journ. Chem. Soc.* (1975); co-auth. "Influence of Applied Electric Fields on the Free Radical Copolymerization of Methylmethacrylate and Styrene, An Unusual Decomposition of Benzoylperoxide," *Journ. Chem. Soc. Faraday Transactions I* (1978); num. other publs. in sci. journs. Sources: Hand, Pers. — R.F.J.I.

Albeck, Shalom, prof. of law and Talmud; b. Berlin 4 Sept. 1931. R: Jewish. E: 1935 Pal. Cit: 1938 Pal. (Isr.), fmly. Aus. For F, M and S see father → Chanoch Albeck and brother

→ Michael Albeck. ∞ 1958 Pliah Nebenzahl, b. Jerusalem 1937, Jewish, M.J., Hebrew Univ, 1963–65 chief assist. state atty, Isr, 1965 dep. state atty, 1962 mem. Isr. Bar Assn, dtr. of Itzhak Ernst Nebenzahl, businessman and Isr. govt. off. C: Jehudah, b. Jerusalem 1960; Rachel, b. Jerusalem 1960; Rivkah, b. Jerusalem 1962; Chanoach, b. 1972; Batia, b. 1973.

1935 emigr. to Pal. 1948–50 serv. I.D.F. 1952 B.A. Hebrew Univ, 1955 M.A., 1956 M.J., 1959 Ph.D. in Jewish hist. 1960–63 lect. in Talmud, Jewish Theol. Sem, New York. 1964–78 mem. fac, Bar Ilan Univ, Ramat Gan, Isr: 1964–67 sr. lect. in Talmud, 1968–72 assoc. prof. of Talmud, 1973 prof. of Talmud and law, 1976–78 dean of law sch. 1979 vis. prof, Yale Univ. Contrib. to recent interest in the application of Jewish law in modern Israeli society. Works focus on dev. of talmudic law, particularly in areas of contracts, torts and communal law. Mem: Isr. Bar Assn; Bd. of Trustees and Exec. Coun, Bar Ilan Univ. (1976–78; 1980–). A: (1980) Jerusalem.

Biblio: "Toledot haMishpat haZibburi haYehudi beSefarad ad haMeah ha-14" (History of Jewish Communal Law in Spain until the 14th Cent; diss, Jerusalem, 1959); *Pesher Dinei haNezikin baTalmud* (Gen. Principles of the Law of Torts in the Talmud; Tel Aviv, 1965); *Dinei haMamonot baTalmud* (The Law of Property and Contracts in the Talmud; Tel Aviv, 1976); *Batei haDin b'Yemei haTalmud* (Law Courts in Talmudic Times; Ramat Gan, 1980); ca. 35 arts. on Jewish law and hist. in prof. journals; 20 contribs. on var. topics to *E.J.*; for biblio. to 1979 see R.F.J.I. arch. **Sources:** Biblio, Hand, Pers, Qu. — R.F.J.I.

Albers, Anni (Anneliese) née Fleischmann, textile designer, commercial artist, graphic artist; b. Berlin 12 June 1899. **R:** Protestant. **E:** 1933 U.S. **Cir:** 1937 U.S., fmlly. **Ger. F:** Siegfried Fleischmann (later Farman), Protestant, emigr.(?) **M:** Toni Ullstein. **S:** Hans L. Farman; Lotte Benfey. ∞ 1925 → Josef Albers.

Att. Univs. Berlin and Hamburg. 1922– att. Bauhaus in Weimar and Dessau, 1930 recd. dipl. Teacher at weaving workshop, Bauhaus, 1931 term. commn. as dir. after Gunta Stölzl's departure. 1932–33 at Bauhaus Berlin-Steglitz; concurr. freelance weaving. 1933 emigr. to U.S., offered teaching position at Black Mountain Coll., N. Car; 1933–49 assist. prof. of art, Black Mountain Coll. From 1950 freelance artist, New Haven, Conn. Taught at var. univs. in U.S., Eur., and Japan. Recd: Gold Medal, Inst. of Archit. (1961); Citation, Philadelphia Mus. Coll. of Art (1962); Decorative Arts Book Award (1970); Dr. h.c., Maryland Inst. Coll. of Art (1972), York Univ, Toronto (1973); others. A: (1977) New Haven.

Biblio: *On Designing* (New Haven, Conn, 1959; 3rd ed. 1971); *On Weaving* (Middletown, Conn. 1965; 2nd ed. 1972); *Pre-Columbian Mexican Miniatures* (New York, 1970). **Papers:** See Spalek. **Lit:** C.E.B., "Paintings and Woven Textiles by J. and A. Albers," *Wadsworth Atheneum Bull.* (no. 41, 1953); *50 Jahre Bauhaus: Württembergischer Kunstverein*, cat. (Stuttgart, 1968); *Royal Acad. of Arts*, cat. (London, 1968); *Musée National d'Art Moderne*, cat. (Paris, 1969); *Art Gallery of Ontario*, cat. (1969); *Illinois Inst. of Technol.*, cat. (Chicago, 1970); *J. and A. Albers, Bildweber: Zeichnung - Druckgrafik* (Art Mus., Düsseldorf-Bauhaus Archiv, Berlin, 1975); Wingler, *Bauhaus*; other exhib. cats. **Arch:** Bauhaus Arch, Berlin. **Sources:** Hand, News, Pers, Print, Qu. — IFZ.

Albers, Josef, painter, professor; b. Bottrop, Westphalia, Ger. 19 Mar. 1888, d. New Haven, Conn. 25 Mar. 1976. **R:** Roman Catholic. **E:** 1933 U.S. **Cir:** 1939 U.S., fmlly. **Ger. F:** Lorenz A., b. 1859, d. Bottrop 1944, Roman Catholic, housepainter. **M:** Magdalena Schumacher, d. 1899, Roman Catholic; stepmother: Elisabeth Funke, b. 1868, d. 1952. **S:** Paul, b. Bottrop 1890, d. 1915; Magdalena, b. Bottrop 1974; Franz, b. Bottrop 1902, d. 1903; Wilhelm, d. Bottrop 1906. ∞ 1925 Anni Fleischmann (→ Anni Albers). **C:** (none).

1902–05 att. prep. teachers training sch. 1905–08 att. teachers coll., Bären, Westphalia, Ger. 1908–13 teacher at primary sch. in Dülmen/Bottrop. 1913–15 att. Royal Sch. of Art, Berlin: 1915 qualified as art teacher. 1915–19 teacher, pub. sch. in Bot-

trop; concurr. 1916–19 studied at Sch. of Appl. Arts, Essen. 1919–20 studied at Acad. of Fine Arts, Munich with Max Doerner and Franz von Stuck. 1920–23 studied at Weimar Bauhaus, partic. in preliminary course. 1923–33 with Bauhaus: 1923 org. instr. and head of glass-workshop, material and design course, 1925 master craftsman, both in Weimar; 1926–32 prof. at Dessau Bauhaus (Hochsch. für Gestaltung), 1928 instr. and head of preliminary course and furniture workshop after the departure of → László Moholy-Nagy. Developed sandblasted glass painting, designed furniture. 1928 lect. at Intl. Cong. for Art Educ, Prague. Mem. R.V.B.K.D. 1930 assist. dir, Dessau Bauhaus. 1932 moved with remaining staff to Berlin-Steglitz. June 1933 premature dismissal, then Bauhaus closed by Nazis. Purchases discontinued by City of Dessau. Same year accepted position as first Bauhaus artist at newly founded Black Mountain Coll., N.Car. (offered by John Andrew Rice with the encouragement of Philip C. Johnson of the Mus. of Modern Art, New York). Nov. 1933 emigr. with wife to U.S. on non-quota visa. Helped by Edward Warburg. 1933–49 mem. fac, Black Mountain Coll.: 1933–49 instr. head of art dept, and teacher of Kenneth Noland, Robert Rauschenberg, Robert Motherwell, and Willem de Koonig. 1948–49 dir. of coll. Concurr: 1933–36 mem. Abstraction-Création, Paris; 1936 mem, newly-founded Am. Abstract Artists Assn; 1936–39 vis. instr., Grad. Sch. of Design, Harvard Univ; 1949 vis. instr., Cincinnati Art Acad; 1950– vis. instr. at Harvard Univ, Yale Univ. and Pratt Inst, New York. 1950–58 dir. of the newly founded dept. of design, Yale Univ. 1960 prof. emer. 1959 Ford Found. fel. and grant, New York. 1962 Graham Found. grant, Chicago. Vis. critic in advanced painting, Yale Univ. Vis. lect. and prof. at var. univs. insts. and colls. incl. National Univ. of Mexico; Havana, Cuba; Lima, Peru; St. John's, Kansas; Houston; Minneapolis; M.I.T.; Santiago, Chile. 1953, 1955 lect. at Hochschule für Gestaltung, Ulm, Fed. Repub. Ger; Syracuse Univ, New York; 1967 Univ. Bochum, Fed. Repub. Ger. Designed num. murals for Time-Life Bldg, New York (1961); Pan-Am Bldg, New York (1963). 1960s developed teaching methods for basic design, drawing, and color. Num. exhibs. internationally incl. more than 200 individual shows and an equivalent number of group shows. **Exhibitions:** Individual shows incl. New Art Circle (1936, 1938, 1945); Nierendorf Gall. (1941); Sidney Janis Gall, New York (1949, 1952, 1955–); San Francisco Mus. of Art (1940); Baltimore Mus. of Art, Md. (1942); Cincinnati Mus. of Art, Ohio (1949); First Retrospective Exhib, Yale Univ. Art Coll. (1956); Osthaus Mus., The Hague (1957); Stedelijk Mus., Amsterdam (1961); "Homage to the Square," Mus. of Mod. Art, on tour in S. Am, Mex, and U.S. (1965–67); Landesmus. Münster, on tour in Fed. Repub. Ger. and Switz. (1968); Kunsthalle Hamburg (1970); Metropolitan Mus., New York (1971); Kestner Ges., Hannover, Fed. Repub. Ger. (1973); Busch-Reisinger Mus., Harvard Univ. (1976). Group shows incl. Am. Abstract Artist Assn, exhib. Riverside Mus., New York (1939); Herbert Hermann Gall, Stuttgart, Fed. Repub. Ger.; "Geometric Abstraction in America," Whitney Mus., New York (1962); "Responsive Eye," Mus. of Mod. Art, New York (1965); "Two Decades of American Painting," Mus. of Mod. Art, on tour in Jap, India, Aust. (1967); "Futurism: A Modern Focus," Guggenheim Mus., New York (1973). **Collections:** Represented in more than 100 museums around the world. Fel: Royal Soc, London; Benjamin Franklin, Royal Soc. of Arts, London (1970); Am. Acad. of Arts and Scis, Boston (1973). Mem: Am. Acad. of Art and Letters; Nat. Inst. of Arts and Letters, New York. Recd: William A. Clark Prize, Corcoran Gall, Washington, D.C.; Ada S. Garrett Prize, Chicago Art Inst. (1954); Konrad v. Soest-prize, Fed. Repub. Ger. (1958); Medal of the Year, Am. Inst. of Graphic Arts, New York (1964); Gr. B.V.K. (1968); Grand Award for Art North Rhine-Westphalia (1968); Hon. Citation of Bottrop (1970); Medal for Graphic Art, Skowhegan Sch. of Painting and Sculpture (1971); Citation, Nat. Assn. of Schs. of Art, Washington (1971); Extraordinary mem, Div. of Fine Arts, Acad. of Art, Berlin (1974); Medal of Fine Arts, Am. Inst. of Archit. (1975); Dr. h.c. and title of prof. from many U.S. univs. incl. Univ. Hartford, Conn. (1957); Yale Univ. (1962); Pratt Inst, New York.

Biblio: *Poems and Drawings* (2nd enlarged, New York, 1961); co-auth, *Despite Straight Lines* (New Haven, Conn.; London, 1961; Ger. trans. *Trotz der Geraden*, Bern, 1961); *Interaction of Color* (New Haven, London, 1963, 1970; Ger. trans. Cologne, 1970); *Search versus Research* (New Haven, 1969); further biblio. in Wingler, *Bauhaus* (vols. 1, 2, 3). *Papers:* See Spalek. *Lit:* J.A. Am. Abstract, ed. (New York, 1946); Eberhard Roters, *Malerei am Bauhaus* (Berlin, 1965); Ernst Gomringer, J.A. biblio. and cat. of works (Starnberg/Munich, 1968); J. Finkelstein, "The Life and Art of Josef Albers" (diss. New York Univ, 1968); Werner Spies, A. (New York, 1970; Ger. trans. Stuttgart, 1977); Jürgen Wissmann, J.A. (Recklinghausen, 1971); Gottfried Boehm, "Die Dialektik der ästhetischen Grenze," *Neue Hefte für Philosophie* (vol. 5, 1973); Hans Joachim Albrecht, *Farbe als Sprache Robert Delaunays*, J.A.s, *Richard Paul Lohses* (Cologne, 1974); Fleming and Bailyn, *Migration: Exil in den U.S.A.* (vol. 3); num. cats. discussing J.A.'s work. Arch: Bauhaus Archive, W. Berlin. Sources: Hand, News, Pers, Print, Qu. — IFZ.

Alder, Henry (Heinrich) Ludwig, prof. of mathematics; b. Duisburg, Rhineland, Ger. 26 Mar. 1922. R: Jewish. E: 1933 Switz, 1941 U.S. *Cir:* 1944 U.S. fmly. Switz. F: Ludwig A. b. Munich 1888, d. Berkeley, Calif. 1949. Jewish, Dr.-Ing. in chem, chemist, 1941 to U.S. M: Otti Gottschalk, b. Hemer, Westphalia, Ger. 1893, Jewish, sec. educ, emigr. with husband. S: Berni J. b. Duisburg 1925, Ph.D. chem, res. chemist, emigr. with parents; Charles K.A. b. Duisburg 1925, emigr. with parents, D.D.S. dentist. ∞ 1963 Benne B. Daniel, b. Fletcher, Okla. 1928, Protestant, Ph.D. in rhetoric, high sch, then jr. coll. teacher, later univ. teaching assist, assist. prof. of rhetoric. C: Lawrence J.A. b. Woodland, Calif. 1964.

Sept. 1933 emigr. to Switz. with fam. 1940 3 mos. serv, Swiss Army. 1940–41 att. E.T.H. Zurich. 1941 emigr. to U.S. with fam; joined aunt already in U.S. 1941–47 att. Univ. California, Berkeley; 1942 A.B. in math. and chem, 1942–43 assist. in math, 1943–44 assoc. in math. and jr. instr. of meteorol, 1947 Ph.D. in math, 1947–48 instr. in math; concurr: 1944–45 serv, U.S. Air Corps. From 1948 mem. fac, Univ. California, Davis: 1948 instr. in math, 1949 assist. prof, 1955 assoc. prof, 1965–prof. Res. in theory of numbers, specifically the investigation of the existence and nonexistence of certain identities in the theory of partitions. Mem: Mu Alpha Theta (pres. 1956–59); Math. Assn. of Am. (hon. life mem. 1956–57: chmn, N. Calif. section, nat. secy. 1960–74; nat. pres. 1977–78); Am. Math. Soc.; Inst. of Math. Statist; vice chmn, bd. of govs, *Pacific Journ. of Math*; others. Recd: Intl. Dist. Serv. Award, Mu Alpha Theta (1965); Outstanding Educator of America (1971); Cert. of Merit, Nat. Coun. of Teachers of Math. (1975); Dist. Teaching Award, Univ. California, Davis (1976); Award for Dist. Serv. to Math, Am. Assn. of Am. (1980). A: (1980) Davis.

Biblio: Co-ed, *Introduction to Probability and Statistics* (San Francisco, 1960); "The Nonexistence of Certain Identities in the Theory of Partitions and Compositions," *Am. Math. Soc. Bull.* (54, 1948); "Generalizations of the Rogers-Ramanujan Identities," *Pacific Journ. of Math.* (4, 1954); "Partition Identities—From Euler to the Present," *Am. Math. Monthly* (76, 1969, for which H.A. won the Lester R. Ford award of the Math. Assn. of Am, 1970). *Lit:* "Henry L. Alder," in *Am. Math. Monthly* (vol. 82, no. 2, Feb, 1975); "Award for Dist. Serv. to Henry L. Alder," *Am. Math. Monthly* (vol. 87, no. 2, Feb, 1980). Sources: Hand, Qu. — R.F.J.I.

Alewyn, Richard, Germanist, literary historian, prof. of literature; b. Frankfurt/M 24 Feb. 1902, d. Prien, Bavaria, Ger. 14 Aug. 1979. R: Protestant. E: 1933 Fr, 1935 Aus, 1938 Switz, 1939 U.S., 1949 Fed. Repub. Ger. *Cir:* 1953 Ger, fmly. Ger, 1945 U.S. F: George A. b. Moscow 1871, d. Munich 1935, Protestant, officer, factory owner. M: Mathilde Schmitz, b. Bad Homburg vor der Höhe, Hessen 1880, d. Schärding, Aus. 1945, Protestant. ∞ I. 1928 Nelly Ferch, b. Frankfurt/M 1902, Protestant, emigr. to U.S. div. 1951; II. 1952 Marianne Schroeter. C: Christiane Wallace, b. 1933, a: U.S.; Veronika Brelsford, b. 1935, a: U.S.

Att. Univs. Frankfurt/M, Marburg, Munich and Heidelberg. Active in youth movt. 1925 Dr. phil. Student of Heinrich Wöfflin and Friedrich Gundolf. 1926–31 recd. schol. from N.D.W. 1931 Habil. Univ. Berlin. 1932 succeeded Friedrich Gundolf as a.o. Prof. of mod. lit. at Univ. Heidelberg. 1933 dismissed from civil serv. because of Jewish descent and emigr. to Fr. 1933–35 Rockefeller schol. and vis. prof. at Sorbonne. 1935 emigr. to Aus. for econ. reasons. 1938 emigr. to Switz. Feb. 1939 emigr. to U.S. with fam. 1939–49 assoc. prof, Queens Coll, New York (C.U.N.Y.). 1947 vis. prof, Univ. Cologne. 1949 returned to Fed. Repub. Ger. and app. as o. Prof, Univ. Cologne. 1956–59 o. Prof. and dir. of Ger. Inst, Free Univ. Berlin. 1959–67 o. Prof, Univ. Bonn, 1967 prof. emer. Vis. prof. at var. insts. in U.S. R.A. is well known for the discovery of the baroque poet Johann Beer, whom he proved to be the actual author of numerous novels published under various pseudonyms. Besides baroque literature and cultural history, also wrote on Hugo von Hofmannsthal. Was one of the first Germanists to study the so-called trivial literature, publishing an analysis of the detective novel. Mem: Rheinisch-Westfälische Akad. der Wiss; Intl. Germanistische Vereinigung (v. pres. 1955–57) Acad. of Scis, Göttingen; Ger. Acad. of Lang. and Poetry; Ger. P.E.N. Cent; M.L.A. (hon. mem.).

Biblio: *Vorbarocker Klassizismus und griechische Tragödie* (Heidelberg, 1926; 2nd ed. 1962); *Johann Beer: Studien zum Roman des 17. Jahrhunderts* (Leipzig, 1932); *Über Hugo von Hofmannsthal* (Göttingen, 1958; 4th ed. 1967); co-auth, *Das grosse Welttheater* (Hamburg, 1959); co-ed, *Euphorion Zft. für Literaturgeschichte* (1957–61); num. publs. in Ger. acad. journals: for biblio. see G.K. (1950–76). *Lit:* *Festschrift für R.A.*, with biblio. (Cologne, 1967). Arch: S.P.S.L. Sources: Arch, Hand, Journ, News, Print, Qu. — IFZ.

Alexander, Edgar (fmly. Edgar Alexander Emmerich), journalist; b. Saarbrücken, Saarland, Ger. 13 June 1902, d. New York 19 Jan. 1970. R: Roman Catholic. E: Vatican City, Fr, U.S.

Recd. doctorate. Alleged mem. of comm. for culture, Zentrumspartei. Emigr. to Vatican City after Nazis came to power; later to Fr. Contrib. to *Der Deutsche in Polen*, *Die neue Weltbühne*, *Das Neue Tage-Buch* and others. Analyzed fascism from a Catholic-conservative viewpoint. Later emigr. to U.S.; lived in seclusion in New York, supported by Catholic relief orgs. Stricken by cancer.

Biblio: *Der Mythos Hitler* (Zurich, 1937); ed, *Deutsches Brevier: Politisches Lesebuch* (Zurich, 1938; New York, Toronto, 1938); epilogue to Cardinal Jean Verdier's *Die Kirche und die soziale Frage* (Zurich, 1940); *Adenauer und das neue Deutschland* (Recklinghausen, 1956); *Europa und der russische Imperialismus: Karl Marx und das europäische Gewissen* (Recklinghausen, 1957); *Menschlichkeit und Gewissen in der Politik: Bundeskanzler Dr. Konrad Adenauer zum 5. Januar 1957* (Bonn, 1957); *Der Fall Edith Stein* (Frankfurt/M, 1969). Sources: Arch, Hand, Pers. — IFZ.

Alexander, Ernst, prof. of applied physics; b. Berlin 19 Mar. 1902. R: Jewish. E: 1933 Pal. *Cir:* Isr, fmly. Ger. F: Georg A. b. 1866, d. Berlin, Jewish, primary educ, businessman. M: Selma Baden, b. Jacobslager, Pomerania, Ger. 1877, d. Berlin, Jewish, primary educ, div. head in dept. store. S: Edith Baron, b. Berlin 1903, Dr. phil, emigr. to U.K., then to U.S., a: Cambridge, Mass; Fritz, b. Berlin 1905, d. in concentration camp, sec. educ. ∞ 1929 Ernestine Esther Dienstfertig, b. Berlin 1906, Jewish, 1933 to Pal, child psych, Child Guidance Clin. of Min. of Health, Jerusalem, now priv. practice. C:— Shlomo Alexander; Dina Ruth Ron, b. Jerusalem 1933, educ. Oranim Teacher's Sem, Isr, arts and crafts teacher.

1920 Abitur. 1920–27 studied with M. Volmer and K. Hermann at T.H. Berlin; 1925 Dipl.-Ing., 1927 Dr. Ing. Concurr: 1922– mem. Blau-Weiss; 1928– mem. K.J.V. 1929–33 assist, Privatdoz, Phys.-Chem. Inst. Univ. Freiburg/Breisgau. 1933 emigr. to Pal. with vis. visa. 1933–74 mem. fac, dept. of phys, Hebrew Univ; 1933 instr, 1945 lect, 1956 assoc. prof, 1964 prof. of

appl. phys., later head of dept, 1974– prof. emer; concurr. 1934–48 serv, Haganah. Res. in physical chemistry, crystallography, scientific instruments, X-ray emissions, space group theory and other areas of physics and chemistry. A: (1980) Jerusalem.

Biblio: "Zur Theorie der flüssigen Kristalle" (diss, T.H. Berlin, 1928); co-auth, *Praktikum der chemischen Analyse mit Röntgenstrahlen* (Leipzig, 1933); contrib. arts. to *Zft. Kristallographie*, *Zft. der Physik*, *Transactions Faraday Soc.* and other prof. journals; for biblio. see *Poggendorff* (vols. 6, 7a). *Arch: S.P.S.L. Sources:* Arch, Hand, Pers, Print, Pers, Qu. — R.F.J.I.

Alexander, Gideon, prof. of physics; b. Berlin 31 Jan. 1932. E: 1934 Pal. ∞ Sima Peled. C: 2 sons.

1934 emigr. to Pal. M.Sc. Hebrew Univ; Ph.D. Dublin Univ. and Dublin Inst. for Advanced Studies. 1958–60 sr. phys. Isr. A.E.C. Lab. 1960–62 at Lawrence Radiation Lab, Univ. California, Berkeley. 1963– at nuclear phys. dept, Weizmann Inst, Rehovot. (date?) prof. of phys, Tel Aviv Univ. 1966–67 ed, *Proc. of the Second Intl. Conf. of High Energy Phys. and Nuclear Structure*. Res. in high energy and elementary particle physics. Mem: Isr. Phys. Soc. (pres.). A: (1972) Tel Aviv.

Biblio: Contrib. many arts. to prof. journals. incl. *Il Nuovo Cimento*, *Nuclear Phys.*, *Phys. Rev.* and *Phys. Letters*. *Sources:* Hand, Print. — R.F.J.I.

Alexander, Haim (fmly. Heinz Günther), composer, pianist; b. Berlin 9 Aug. 1915. R: Jewish. E: 1936 Pal. *Cir:* Isr, fmly. Ger. F: Emil A, b. Posen, Ger. (Poznan, Pol.) ca. 1868, d. Beuthen, Upper Silesia, Ger. (Bytom, Pol.) 1923, merchant, chief rep. for suitcase factory. M: Elfriede Schuftan, b. Breslau, Silesia, Ger. (Wroclaw, Pol.) ca. 1876, d. Lodz, Pol. 1942, deported to Lodz and killed by Nazis. S: Liselotte Cannon, b. Berlin 1910, 1946 to U.S. singer. ∞ 1941 Ruth Rosenbaum, b. Hamburg 1920, Nov. 1939 to Pal. via Bulg. C: Gad, b. 1945, Ph.D. in educ, Univ. California, Los Angeles, instr, Univ. Beersheba; Ron, b. Jerusalem 1950, d. in milit. action on Lebanese-Isr. border, 1970; Dror, b. Jerusalem 1956.

1923 placed in orphanage at death of father. Studied music, piano, composition, Stern Cons, Berlin, 1933 expelled. 1936 emigr. to Pal. on B-III cert. with help of Emil Hauser, principal, Pal. Cons. of Music (later called Rubin Acad. of Music). 1936–45 studied composition and music, 1945 grad. Pal. Cons; concurr. worked as pianist in bars and hotels to fin. studies; during W.W. II and Isr. War of Independence serv, Haganah. Concurr. from 1937 freelance lect. and pianist, Pal. Broadcasting Serv. (later Kol. Isr.). From 1945 teacher of piano, harpsichord, composition, theory. Concurr: 1958, 1962 partic. in summer courses in contemp. music, Darmstadt, Ger; 1962, 1964 to Freiburger Hochschule, Baden, to study composition and harpsichord on grant from D.A.A.D. 1974, 1978 lect, New York Univ, in coop. with Rubin Acad. of Music, Jerusalem. Summers 1971, 1977 lect, intl. summer courses, Dalcroze Inst, Geneva, Switz. From 1972 mem. fac, Rubin Acad. of Music, Jerusalem: Instr. in piano, assoc. prof. of composition and head, of theory dept, 1976– prof. and head, dept. of perf. 1972–77 assoc. guest prof. of musical, Tel Aviv Univ; 1978 partic. in Am.-Isr. exchange prog, New York Univ. Works perf. by Isr. Philh. Orch. and other orchs. in var. countries; also taught many well-known composers and other musicians. Recd: First Zimriah Prize, for composition of *VeKibzati Ethem* (1952); President's Zimriah Prize for *Lemaan Ziyon loEhesheh* (1955); Engel Prize of the City of Tel Aviv for *Six Israeli Dances* (1956); First Prize, Isr. Music Inst. for *Sound Figures* (1966); First Prize for obligatory piano work, Artur Rubinstein Intl. Piano Competition (1973). Mem: Rubin Acad. of Music (bd. dirs.); B'nai B'rith. A: (1980) Jerusalem.

Works: *VeKibzati Ethem* (1952); *Six Israeli Dances*. for piano (1951); *Lemaan Ziyon lo Ehesheh* (1955); *Sound Figures*, for piano (1966); *Jerusalem Eternal* (1967–68); also, *Overture Artza: A Journey to the Present* (1975); *Sonata brevis*, for 2 clarinets; *Song of Faith* for mixed choir and orch. (1977); *In This World*, seven songs for voice and chamber ensemble; other cho-

ral, chamber, voice, and piano works. *Sources:* Hand, News, Print, Qu. — R.F.J.I.

Alexander, Leo, psychiatrist; b. Vienna 11 Oct. 1905. E: 1933 China, U.S. F: Gustav A. M: Giesela Rubel-Schaefer. ∞ 1936 Phyllis Harrington. C: 3(4?).

1926 res. training fel, Zool. Station, Naples. 1926–29 demons. in neuropsychiatry and neuroanat, Univ. Vienna, 1927 assist, Univ. Hosp; 1928 studied at Kaiser Wilhelm Inst. for Brain Res, Berlin; 1929 Dr. med, Univ. Vienna. 1929–31 psychiatric intern, Univ. Hosp, Frankfurt/M, 1931–32 resid. and instr. 1933 to China on one yr. app; lect. Peiping Union Med. Coll, hosp. assoc. 1933 emigr. to U.S. 1934– priv. practice of psychiatry. 1934 clin. assist. and mem. of res. dept, Worcester State Hosp, Mass. 1934–41 jr. vis. neurol. and neuropathol, Boston City Hosp, Mass. 1935–64 mem. fac, Boston State Hosp; 1935 assoc, 1946 assoc. dir. of res, 1948 dir. of neurol. unit, div. of psychiatric res. 1938–41 vis. psychiatrist, Washington Hosp, Boston. 1941–46 assoc. prof. of neuro-psychiatry, Duke Univ, Durham, N. Car. 1942–46 serv, U.S. Army med. corps, col, med. intell; concurr. 1945–46 mem. combined intell. objectives subcomm, U.S. Army, investigating Ger. hosps, prison camps, concentration camps. 1946–47 expert consult. to U.S. Secy of War, Nuremberg War Crimes Trials. 1946– mem. fac, Tufts Univ. Sch. of Med; 1946 assist. clin. prof. of psychiatry, 1973– lect. on psychiatry. 1961– co-dir, Chandler Hovey United Res. and Treatment Multiple Sclerosis, Brooks Hosp, Brookline, Mass. Vis. psychiatrist, Bournewood Hosp, Brookline; psychiatrist and neurol, Brooks Hosp; assoc. neurol, Beth Israel Hosp, Boston. Consult: Boston State Hosp; U.S. Army Hosp, Fort Devens, Mass; The Tribunal, Archdiocese of Boston (1960–); Bedford Veterans Admin. Hosp; Northampton Veterans Admin. Hosp; Elmcree Manor, Portland, Conn; Elizabeth Hosp, Boston; Nat. Res. Coun; Nat. Acad. Scis. (drug efficiency study). Assoc. ed, *Journ. Am. Assn. Neuropathology*, ed, *Conditional Reflex*, *Journ. Pavlovian Soc. Confinia Neurologica*, *Organic Therapies*, *Psychiatric Journ. Univ. Ottawa*, mem. of intl. ed. comm. of *Minerva Medica Argentina*. Mem: N. Eng. Soc. of Clin. Hypnosis (pres. 1973–74); Electroshock Res. Assn. (pres. 1951–52); Assn. of Gen. Hosp. Psychiatrists (pres. 1966–68); dipl. mem. of Am. Bd. of Psychiatry and Neurol; fel, Soc. Clin. and Exp. Hypnosis; Am. Coll. of Clin. Pharm. and Chemotherapy; others. Recd: Jean Larnier Medal, Confed. Brasileira de Hipnologia (Rio de Janeiro, 1973); Honra as Merita of Associação Brasileira de Hipnodontia (Rio de Janeiro, 1973). A: (1979) West Newton, Mass.

Biblio: *Treatment of Mental Disorders* (Philadelphia, 1953); *Objective Approaches to Treatment in Psychiatry* (Springfield, Ill, 1958); *Multiple Sclerosis: Prognosis and Treatment* (Springfield, 1961); contrib. more than 250 chaps. and arts. to books and prof. journals. incl. *N. Eng. Journ. Med.*, *Intl. Journ. Neuropsychiatry*, *Am. Journ. Clin. Hypnosis*, and others. Writings concern the fields of electroshock therapy, multiple sclerosis and the clin. uses of hypnosis. *Biblio.* to 1976 in R.F.J.I. archs. *Lit:* N.d.W. *Arch: S.P.S.L. Sources:* Arch, Hand, Qu. — R.F.J.I.

Alexander, Paul Julius, prof. of history; b. Berlin 12 May 1910, d. Berkeley, Calif. 16 Dec. 1977. R: Jewish. E: 1933 Fr, 1935 U.S. *Cir:* 1943 U.S., fmly. Ger. F: Carl A, b. Berlin 1871, d. London 1946, Jewish, banker, mem. D.D.P., later Staatspartei, emigr. to U.K. M: Anna Mauthner, b. Vienna 1878, d. Reading, U.K. 1939, Jewish. S: Fritz, b. Berlin 1912, 1940 to U.S., C.P.A.; Heinz Gustav, b. Berlin 1914, Dr. jur, 1939 to U.K., journ; Hilde Irene, b. 1917, d. Oxford 1945, teacher, emigr. to U.K. ∞ 1938 Eleanor Eyck, b. Berlin 1913, Jewish, 1933 to Fr, 1934 to U.K., 1936 to Braz, 1937 to U.S., var. jobs, M.A., univ. lect. in comp. lit. C: Ann Margaret, b. 1941, M.A. Univ. California, Berkeley, music admin, coll. admin; Lawrence Ernest, b. 1944, L.L.B., Syracuse Univ, N.Y., lawyer; Michael Charles, b. 1947, Ph.D. Univ. Toronto, historian, teacher.

Att. Univs. Berlin and Hamburg; 1932 Dr. jur. Univ. Hamburg. 1931–32 Referendar in Hamburg; 1932–33 in Cologne. 1933 emigr. to Fr. on student visa. 1933–35 private secy. in Fr.

Concurr. 1934 earned second law degree, Univ. Paris. 1935 emigr. to U.S. via Can. 1935–40 att. Univs. Michigan and Harvard; 1940 Ph.D. in hist, Harvard. 1941–43 jr. fel. res. libr. Dumbarton Oaks, Washington, D.C. 1943–45 res. anal. O.S.S., Washington, D.C. 1945–54 mem. fac, Hobart Coll., Geneva, N.Y.; 1945 lect, 1947–54 prof. of ancient and medieval hist. Concurr: 1951–52 Guggenheim fel.; 1951–52, 1970–71 mem. Inst. for Advanced Study, Princeton. 1954–58 mem. fac, Brandeis Univ., Waltham, Mass.; 1954 assoc. prof., 1956–58 prof. and chmn. of dept. 1958–67 prof., Univ. Michigan. Concurr. 1960–61 S.S.R.C. grant; 1965–66 Guggenheim fel. and Fulbright fel. in It. 1967–77 prof. of hist. and comp. lit., Univ. California, Berkeley. Concurr: 1974 sr. fel., N.E.H.; 1974–77 mem. ed. comm., *Am. Hist. Rev.* for ancient and medieval hist. Res. on the intellectual relationship between Byzantium and the Latin West. Major contributions to the study of the Iconoclastic controversy in the eighth and ninth centuries and of the Byzantine apocalyptic writing between the fourth and sixteenth centuries. His book on the Patriarch Nicephorus is considered to be the standard work on the period. Fel: A.A.A.S. (1976). Mem: Am. Hist. Assn.; Medieval Acad.; Brit. Acad. (corresp. mem.); Istituto Siciliano di Studi Bizantini e Neellenici (corresp. mem.). Recd: Hon. Phi Beta Kappa.

Biblio: *Konkurs des Rückversicherers in Recht und Versicherung* (diss., 1933); *The Patriarch Nicephorus of Constantinople* (Oxford, 1958); co-auth., vol. 5, *Gregori Nysseni Opera* (Leiden, Neth., 1962); *The Ancient World to 300 A.D.* (New York, 1963; 2nd ed. 1968); *The Oracle of Baalbek* (Washington, D.C., 1967); contrib. arts. to prof. journals. *Lit:* Unpubl. biog. art. by Stephen Kutner in R.F.J.I. arch. *Sources:* Hand, Print, Qu. — R.F.J.I.

Alexander, Peter, prof. of radiobiology; b. Munich 27 Jan. 1922. *E:* 1933 U.K. *Cit:* 1938 U.K., fmlly. *Ger. F:* Elias, b. Leipzig, Saxony, *Ger.* 1875, d. London, Jewish, publ. 1933 to London. *M:* Katherine Lommer, b. *Ger.* 1892, d. U.K., Protestant, 1933 to London. *S:* (none). ∞ 1950 June Pickwood, b. Crediton, Devon, U.K. 1924, Protestant, B.A., teacher. *C:* Adam, b. 1951, att. London Film Sch., film tech; Maxine, b. 1951, riding instr; Leone, b. 1955, geologist in U.K.

1933 emigr. with fam. to London. 1934–38 att. University College Sch., London. 1941 B.Sc. Univ. London; 1943 Ph.D., 1956 D.Sc. Imperial Coll. of Sci., both Univ. London. 1941–45 res. assist. in war work for the Admiralty. 1945–50 mgr. res. dept. Wolsey Ltd. 1950– mem. staff, Chester Beatty Res. Inst. 1951. Cancer Res., Sutton, Surrey, Eng. 1954– head of radiobiol. dept. 1965 prof. of radiobiol. Spec. in mechanism of biological action of ionizing radiation. Mem: Belg. Acad. Sci.; Leopoldina. Recd: Gold Medal, Edinburgh Royal Soc. A: (1980) London.

Biblio: Co-auth., *Wool: Its Chemistry and Physics* (New York, London, 1954); co-ed., *Radiobiology Symposium* (Proc. of the Symposium held at Liège, Aug.–Sept. 1954; New York, 1955); *Fundamentals of Radiobiology* (New York, 1955; rev. ed. 1961; trans. into *Ger.* and *Fr.*); *Atomic Radiation and Life* (Harmondsworth, Middlesex, 1957; rev. ed. Baltimore, 1965; trans. into Russ.); *A Laboratory Manual of Analytical Methods of Protein Chemistry, Including Polypeptides* (New York, 1960); *From Molecule to Man: The Explosion of Science*, J.Z. Young and Tom Margerison, eds. (New York, 1969); contrib. arts. and monos to sci. publs. *Sources:* Hand, Qu. — R.F.J.I.

Alexander, Shlomo (Edgar), prof. of physics; b. Freiburg, Baden, *Ger.* 4 Sept. 1930. *E:* May 1933 Pal. *Cit:* Isr., fmlly. *Ger. F:* → Ernst Alexander. *M:* Erne Esther Dienstfertig, b. Berlin 1906, 1933 to Pal., child psych. with child guidance clin, Min. of Health, Jerusalem, retired, now practices privately. *S:* Dina Ruth Ron, b. Jerusalem 1933, educ. Oranim Teachers' Sem, Oranim, Isr., teacher. ∞ 1951 Vera Esther Neumann, b. Budapest 1929, 1949 to Isr., 1969 M.A. econ, Univ. British Columbia, Vancouver, Can., economist, Isr. Coun. for Res. and Dev. *C:* Michal, b. Rehovot, Isr. 1956, studied at Univ. California at Los Angeles; Nitz, b. Summit, N.J. 1961; Amir Roi, b. Rehovot 1963.

May 1933 emigr. to Pal. with fam. 1948–50 serv. I.D.F.; also May–July 1967, Oct. 1973 to Feb. 1974. 1950–55 att. Hebrew Univ.; 1956 M.Sc. Concurr. 1954–69 phys., Weizmann Inst., Rehovot, Isr.; 1958 Ph.D. 1967 org. Bat Sheva Sem. on theoret. solid state phys., 1968 prof. of phys., 1970 consult. to isotope dept. Concurr: 1961–62 at Bell Telephone Labs, Murray Hill, N.J.; 1967–69 at Univ. British Columbia (on leave from Weizmann Inst.). From 1969 mem. fac, Hebrew Univ. 1969 M. Polak prof. of phys., 1974–76 chmn., Racah Inst., 1978–81 dean, fac. of sci. 1970–75 consult. dept. of chem., Weizmann Inst. 1971–75 consult. solid state group, phys. dept., Tel Aviv Univ. 1976–77 vis. prof., Collège de France. 1977–78 vis. prof., Univ. California, Los Angeles. Consult. to num. sci. insts. incl. summers 1979, 1980 to U.C.L.A. Ed. bd. mem: *Bull. of Magnetic Resonance and Solid State Communications*. Main scientific activity in areas of chemical physics, statistical mechanics and the physics of condensed matter; work has had considerable impact on the initiation and dev. of res. in these fields in Israel. Contributions include: 1. demonstrating how the effect of chemical dynamics on magnetic resonance line shape can be handled; 2. adding to the understanding of magnetic interactions in metals; 3. analysis of the role of hard collisions in nuclear relaxation processes in a consistent way, and the use of this analysis in the dev. of a novel technique to study molecular dynamics in crystals by nuclear quadrupole resonance. 4. study of var. aspects of diffusion in random systems, resulting in part in the dev. of a scaling technique to derive anomalous indices for diffusion and for the density of states in 1-d random chains. 5. reviving of the Landau approach to the liquid-solid transition and showing that this approach predicts definite crystal structures (triangular in 2-d and bcc in 3-d) and presenting a large body of evidence for its relevance to the phase diagram and to nucleation. Mem: Isr. Phys. Soc. A: (1979) Jerusalem.

Biblio: "Relative Signs of Spin-Spin Interactions in Nuclear Magnetic Resonance" (diss., submitted to Weizmann Inst. and Hebrew Univ., 1958); "Exchange of Interacting Nuclear Spins in Nuclear Magnetic Resonance. I. Intermolecular Exchange," *Journ. of Chem. Phys.* (37, 1962); "Id. II. Chemical Exchange" (ibid.); co-auth., "Interactions between Localized States in Metals," *Phys. Rev.* (133, 1964); "Angular Dependence of Interactions between Localized Magnetic Moments in Metals," *Phys. Letters* (13, 1964); co-auth., "Measurement of Molecular Rotations by N¹⁴ Nuclear Quadrupole Resonance Relaxation Times," *Phys. Rev. Letters* (13, 1964); co-auth., "Relaxation by Slow Motional Processes. Effect of Molecular Rotations in Pure Quadrupole Resonance," *Phys. Rev.* (138, 1965); co-auth., "Lattice Diffusion and the Heisenberg Ferromagnet," *Phys. Rev.* (18, 1978); co-auth., "Low Energy Density of States and Long-Time Behavior of Random Chains. A Scaling Approach," *Journ. Phys.* (12, 1979); other important publs. in *Journ. of Chem. Phys.*; *Phys. Letters*; *Phys. Rev.* and other journals; for complete biblio. to 1979 see R.F.J.I. arch, New York. *Sources:* Hand, Qu. — R.F.J.I.

Alexandre, Alexandre (fmlly. Albrecht Alexander), film journalist, writer; b. 1901; see Straschek film biographies.

Alfert, Max, prof. of zoology; b. Vienna 23 Apr. 1921. *R:* Roman Catholic. *E:* 1939 Belg., 1940 deported to Fr., 1942 U.S. *Cit:* U.S., fmlly. Aus. ∞ 1945.

1939 Matura, Vienna. 1939 emigr. to Belg. 1939–40 univ. student. 1940 arrested after Nazi attack on Belg. and deported to Fr.; interned for 2 years at St. Cyprien, Gurs and Les Milles concentration camps. 1942 emigr. to U.S. via Afr.; recd. aid from Am. rels; worked as mechanic in war indus. 1947 B.S., Wagner Coll., New York. 1948 M.A., Columbia Univ., 1951 Ph.D. in zool; concurr. 1949–50 fel., Nat. Insts. of Health. 1950– mem. dept. of zool, Univ. California, Berkeley: 1950 instr., 1952 assist. prof., 1958 assoc. prof., 1963 prof. 1956 Guggenheim fel. Res. in cytochemical studies and techniques; also 1962– active as artist, mainly in sculpture; ca. 20 exhibitions in California museums and galleries. Mem: Am. Soc. Zoologists; Soc. Gen. Physiol.; Am. and Intl. Socs. Cell Biol. A: (1979) Berkeley, Calif.

Biblio: Contrib. approx. 80 arts. to prof. journals. concerning cell biology, incl. *Exp. Cell Res. Intl. Rev. of Cytology, Journ. of Cell Biol.* and var. *Proc. of the Nat. Acad. of Scis. Sources:* Hand, Pers. — R.F.J.I.

Alker, Ernst, prof. of German literature, librarian; b. Vienna 22 Dec. 1895, d. Cademario, Switz. 5 Aug. 1972. *R:* Roman Catholic. *E:* 1934 Swed, 1946 Switz. *Cit:* 1946 Swed, fmly. Aus. and Ger. *F:* Maximilian A, mem. Kaiserlicher Rat at Aus. Imperial Royal Treasury. *M:* Marie Hauser. ∞ 1937 Maria Pawelka, b. Rhineland, Ger. 1909, d. Bern 1976, librarian, 1937 to Sweden, 1946 to Switz. *C:* (none).

Studied lit. and art hist. Univ. Vienna; 1918 Dr. phil. 1918–20(?) priv. librarian in Swed. 1920–22 mem. staff, Aus. Nat. Libr. Studied at Univ. Groningen, Neth; 1924 Doctorandus. Until 1929 Gym. teacher of Ger. lang. and lit, Arnheim, Neth. 1929–31 acad. Referent at City Pub. Libr., Leipzig. 1931 passed Saxon librarian exam; concurr. Studienleiter, Libr. Sch., Bonn. 1932–34 examiner, Prussian State Libr., Berlin. 1934 emigr. to Swed. after closing of Bonn Libr. Sch. by Nazis. 1934–42 lect. in Ger. lang. and lit. in Lund. 1942–46 lect. at cml. coll. in Stockholm. 1946 emigr. to Switz. 1946–69 mem. fac, Univ. Fribourg, Switz; 1946 a.o. Prof. of mod. Ger. lit, 1950 o. Prof. and concurr. 1952–53 dean of philos. fac. Spec. in the history of German literature and in Norse lit. Mem.: Swiss Assn. of Ger. Philologists; Fryske Acad., Leeuwarden (1954); Intl. Inst. of Arts and Letters (1954); Adalbert Stifter Inst., Upper Aus. (1958); Acad. of Sci. and Lit., Mainz (1962); others.

Biblio: *Gottfried Keller und Adalbert Stifter* (Vienna, 1923); *Philipp Hafner* (Vienna, 1923); *Franz Grillparzer* (Marburg, 1930); *Modern tysk litteratur* (Stockholm, 1948); *Geschichte der deutschen Literatur von Goethes Tod bis zur Gegenwart*, 2 vols. (Stuttgart, 1949–50); many publs. in schol. journals. and omnibus vols; for further biblio. see Egon H. Rakette, *Ernte und Aussaat: In memoriam Ernst Alker* (Munich, Vienna, 1973); incl. complete biblio.). *Lit:* "Eine Einführung in sein nachgelassenes Werk," intro. to posthumous ed. by Egon Thurner, *Ernst Alker: Profile und Gestalten der deutschen Literatur nach 1914* (Stuttgart, 1977). *Sources:* Arch, Hand, Print. — IFZ.

Allers, Franz, conductor; b. Karlsbad, Bohemia, Aus. (Karlový Vary, C.S.S.R.) 6 Aug. 1905. *R:* Unaffiliated, fmly. until 1922 Jewish. *E:* 1938 U.K., U.S., 1973 Fed. Repub. Ger. *Cit:* 1944 U.S. fmly. Aus, 1918 C.S.R. *F:* Carl A., b. Eger, Bohemia, Aus. (Cheb, C.S.S.R.) 1868, d. 1943, Jewish, Dr. jur., Univ. Vienna, lawyer in Karlsbad. *M:* Paula Kellner, b. Dobris, Bohemia 1881, Jewish. *S:* Otto, b. 1902, d. Paris 1926, Dr. jur., 1926 to Fr. ∞ I. 1941 Carolyn Schaffer, sociologist, div. 1961; II. 1963 Janina Furch née Ertel, b. 1905, auth. *C:* Carol Chappell, b. 1945, B.A. Univ. New Mexico, Albuquerque.

1920–23 att. Acad. of Music, Prague, studied violin with Marak and Schweyda. 1923–26 att. Hochschule für Musik, Berlin; studied violin with Haveman, piano with Burgstaller, composition with Schratzenholz and cond. with → Julius Prüwer, 1926 dipl. Concurr.: 1924–26 violinist, Berlin Philh. Orch. and State Opera Orch; 1925–26 choirmaster, Berlin Schubert Choir; summer 1926 cond, Munic. Theater, Karlový Vary. 1926–27 assist. to gen. dir. of music, F.V. Hoesslin, Wuppertal-Elberfeld, Rhineland. 1927–33 first cond. under Hoesslin of the United Munic. Theaters in Wuppertal; 1933 dismissed. Concurr. summer assist.: 1927 Bayreuth Fest; 1929 Wagner Fest. in Paris. 1933–38 musical dir. of opera and cond. of philh. concerts, Munic. Theater, Usti, C.S.R. Concurr.: Guest cond. with Czech. Philh. Orch. and with Prague Radio Symph. Orch.; also guest cond. of opera and symph. concerts in Prague, Karlový Vary and other Czech cities; org. youth concerts. June 1938 emigr. to U.K. Invited to join cond. staff of Ballet Russe de Monte Carlo. Oct. 1938 emigr. to U.S. 1938–39 freelance violinist, pianist. 1938–44 cond, Ballet Russe de Monte Carlo in U.S. and S. Am. Concurr.: 1942 cond. world première of Agnes de Mille's Rodeo at Metropolitan Opera House, New York; regular guest cond. of the New York Philh. at Lewisohn Stadium, the Philadelphia Orch., the Toronto Philh. and of var. summer concerts. 1945–63 cond. Broadway musicals incl.: 1956 first

perf. of *My Fair Lady*; also 1947–48 *Brigadoon*, 1951–52 *Paint Your Wagon*, *Plain and Fancy*, *Camelot*. Concurr. 1950–51 cond. nat. touring prod. of *South Pacific*, 1957 cond. *Die Fledermaus* and *Merry Widow* at New York City Opera Co. 1960–63 cond. fgn. tour of *My Fair Lady*, during which Khrushchev invited F.A. to cond. the Kiev orch. 1963– cond. *Die Fledermaus* at Metropolitan Opera House. During the 1950s and 60s cond.: Most major Am. symph. orchs.; Berlin Philh. Orch.; radio orchs. of Hamburg, Munich, Zurich, Oslo; Vienna Symph. and Vienna Tonkünstler orchs. Cond. music for Am. and Eur. T.V. prods, incl. Hallmark Hall of Fame. 1973 ret. to Fed. Repub. Ger. 1973–76 Chefdirigent, Staatstheater am Gärtnerplatz, Munich. Cont. num. appearances as guest cond. with leading Am. and Eur. symph. orchs. Mem.: Bohemians; New York Musicians Club; Actors' Fund of Am. Recd.: Antoinette Perry Awards (Tony) as musical dir. and cond. for *My Fair Lady* (1957) and *Camelot* (1961).

Recordings: Columbia, R.C.A. Victor, Vanguard, Philips, Electrola, Eurodisk. *Lit:* *The New Yorker* (2 Apr. 1960); *Opera News* (1965). *Arch:* Perf. Arts Res. Cent., Lincoln Cent., New York. *Sources:* Arch, Hand, News, Pers, Print, Qu. — R.F.J.I.

Allers, Rudolf, philosopher, psychiatrist; b. Vienna 13 Jan. 1883, d. Hyattsville, Md. 14 Dec. 1963. *R:* Roman Catholic. *E:* 1938 U.S. *F:* Marcus A., physician. *M:* Augusta Grailich. ∞ 1908 Carola Meitner. *C:* Ulrich Stephen, dec.

Early educ. at home. 1906 Dr. med, Univ. Vienna. 1907 assist. in biochem. lab; publ. several arts. 1908 assist. at Clin. for Nervous and Mental Diseases, German Univ., Prague; Became interested in work of → Sigmund Freud. 1909 assist. Psychiatric Clin, Munich, working under Dr. Emil Kraepelin, one of the fdrs. of mod. psychiatry. 1913 instr. of psychiatry, Univ. Munich. During W.W.I. serv. in Aus.-Hung. Army as brain surgeon on Pol.-Russ. front, and on War Ministry staff in Vienna: recd. Golden Cross of Merit with the Crown, and medal of the Ger. Red Cross. 1918–38 head, dept. of med. psych. and sense-physiol. at the Inst. of Physiologie, the Univ. of Vienna Sch. of Med. Concurr. cond. courses and lect. in univs. throughout Eur., incl. Sem. of Vienna and Catholic Univ., Salzburg. 1934 Dr. phil, Univ. Milan. 1938 emigr. to U.S. 1938–48 prof. of philos. psych., Catholic Univ. of Am., Washington, D.C. Serv. for seven yrs. as expert in the Ecclesiastical Court of the Catholic Church, esp. in matrimonial cases. 1948–63 prof. of philos., Georgetown Univ., Washington, D.C. Crippled by arthritis, but cont. to hold classes in a nursing home. Identified and described a persecution syndrome later known as the Allers syndrome, which deals with persecution complexes arising in men who are removed completely from speakers of their native tongue. Mem.: Washington Philos. Club (pres.); Metaphys. Soc. of Am. (pres.); New York Acad. of Sci.; Am. Philos. Assn.; Medieval Acad. of Am. Recd.: LL.D. h.c., Georgetown Univ. (1960).

Biblio: *Das Werden der sittlichen Person* (Freiburg/Breisgau, 1929; 4th ed. 1935; New York, 1970); *Allgemeine somatische und psychophysische Konstitution*, 2 vols. (Berlin, 1931); *The Psychology of Character* (New York and London, 1931; abridged version, New York, 1934); *Sexualpädagogik: Grundlagen und Grundlinien* (Salzburg and Leipzig, 1934); *Self Improvement* (New York, Cincinnati, 1939); *Character Education in Adolescence* (New York and London, 1940); *The Successful Error: A Critical Study of Freudian Psychoanalysis* (New York, 1940; London, 1941); *Existentialism and Psychiatry: Four Lectures* (Springfield, Ill., 1961); other books; contrib. approx. 600 arts. to prof. journals. *Lit:* Louis Juguet, *Rudolf Allers ou L'Anti-Freud* (Paris, 1950). *Sources:* Hand, News, Print. — R.F.J.I.

Allner, Walter Heinz, designer, painter, art director; b. Dessau, Anhalt, Ger. 2 Jan. 1909. *E:* 1933 Fr. 1949 U.S. *Cit:* 1957 U.S. fmly. Ger. ∞ I. 1938 Colette Vasselon, 1951 div.; II. 1954 Jane Booth (née Pope?). *C:* Michel; Peter.

1927–30 studied with → Josef Albers, → Paul Klee and → Wassily Kandinsky at Bauhaus, Dessau. 1930–31 temp. work at

Gesellschafts- und Wirtschafts-Museum, Vienna, and assist. to typographer Piet Zwart in Wassenaar, Neth. 1933 emigr. to Paris. Worked with poster artist Jean Carlu. 1934–36 fdr. and art dir., "Omnium Graphique" advertising agcy, collab. with → Albert Flocon-Mentzel. Concurr. art dir. on art and photog. mag. *Formes*, Paris. Mem. of Salon des Surindépendants and Salon des Réalités Nouvelles. 1945–48 Paris corresp. for art mag. *Graphis*, Zurich. 1948–51 co-dir. of Editions *Parellèles*, Paris. 1948–52 fdr. and ed., *Intl. Poster Annual* for Zollikofer Publ., St. Gallen, Switz. Also co-ed. of other publs. on poster graphics. 1949 emigr. to New York. Freelance designer. 1949–74 with *Fortune* mag., New York: 1949–51 staff mem., 1962–assist. art dir., 1963–74 art dir. From mid-1950s consult. designer for leading indus. and pub. orgs, incl. Johnson & Johnson, New Brunswick, N.J. (1954–55); Traffic Safety Campaign (1959–60); Am. Cancer Soc.; Container Corporation of Am.; I.B.M.; Intl. Telephone and Telegraph Corp. (I.T.T.); 1974–lect. in communication design, Parsons Sch. of Design, New York. Vis. critic, Yale Univ. Sch. of Art. *Exhibitions*: Kunstgewerbemuseum Hamburg (1964), Vienna (1966), Zurich (1968, 1971); Am. Inst. of Graphic Arts, New York (1966, 1971); Bauhaus travelling exhibs. (1968); America Houses in Stuttgart, Hamburg, Frankfurt/M., Cologne and Munich (1973); Stedelijk Mus., Amsterdam (1973); Isr. Mus., Jerusalem (1974); Toledo Art Mus., Ohio (1977); Kordegarda Gall., Warsaw (1978); many others. Mem.: Prog. chmn., 10th Visual Communications Conf., Art Dirs. Club, New York-Nat. Soc. of Art Dirs. (1965); Alliance Graphique Internationale (pres. of U.S. section 1972; intl. pres. 1974); N.E.A. (panel mem. 1973, 1974); mem. hon. comm., 5th Intl. Poster Biennale, Warsaw (1974); jury, Intl. Poster Competition of Pol. Min. of Culture and Arts (1975); jury mem., 7th Intl. Poster Biennale, Warsaw (1978); chmn., Intl. Jury at 8th Biennale of Graphic Design in Brno, Czech. (1978). Recd.: Chicago Art Directors Club award (1952, 1960); Art Dirs. Club Award, New York (1956, 1958, 1960). A: (1979) New York.

Lit: Winger, *Bauhaus* (1, 2); cat, Bauhaus-Archiv Darmstadt (1969) and Berlin (1976); cat, Amerika-Haus (Hamburg, Frankfurt/M., Cologne, Munich, 1973); cat, Stedelijk Mus. (Amsterdam, 1973). *Arch*: Bauhaus-Archiv, W. Berlin. *Sources*: Hand, Pers, Print. — IFZ.

Alpar, Gitta, opera singer (soprano); b. Budapest 5 Mar. 1903. *E*: 1933 Aus, 1936 U.S. *F*: Cantor. ∞ I. Niels Bagge, Danish dancer; II. Gustav Fröhlich, b. Hannover 1902, journ, stage, then film actor in films dir. by → F. Lang (*Metropolis* 1924); → M. Ophüls; W. Dieterle; and others. *C*: (none).

Studied voice with Laura Hilgermann in Budapest, after study at Budapest Acad. of Music performed as soprano *leggero* in operetta. 1923 debut at Budapest Royal Opera. 1925 guest appearances at Munich State Opera, 1927 at Vienna State Opera. 1927 came to Berlin; after brief prep. at Stern's Cons, won acclaim as Queen of the Night in *Die Zauberflöte*, and Rosina in *Il Barbiere di Siviglia* at Berlin State Opera, then played Wagnerian roles. 1927–33 lived in Ger. as Berlin's leading diva; star of num. premières; tours to Vienna, Budapest with operetta co. 1930 created a sensation at Berlin's Metropol Theater in *Der Bettelstudent*; afterward turned to operetta exclusively. 1931 title role in the première of Mackeben's *Die Dubarry*. 1933 forced to leave Ger.; emigr. to Vienna. 1936 emigr. to U.S. cont. to perform as operetta singer, actress in films.

Works: Films incl. *Gitta entdeckt ihr Herz*, with Gustav Fröhlich (Ger. 1932); *Le Disque 413* (Fr, 1934); *Guilty Melody* and *Give my Heart* (Eng, 1936); René Clair's *The Flame of New Orleans* (with → Marlene Dietrich) (U.S., 1941). *Recordings*: Homochord, Parlophone, American Columbia; U.S. reissue: Am. Decca; U.S. rerecording: Scala, Eterna. *Sources*: Hand. — R.F.J.I.

Alsberger, Markus, lawyer, journalist; b. Breslau, Lower Silesia, Ger. (Wrocław, Pol.) 30 Apr. 1889. *E*: 1934 C.S.R., 1938 Bol. *Cit*: Ger. *F*: Heribert A., elocutionist. *M*: Violetta Brichel, operetta singer.

Att. Gym, Breslau. Studied law and Ger. lit, Univs. Würzburg, Berlin, Munich and Lausanne, Switz; there fdr. of

Alpinistenbund der deut. Studenten. 1914 Referendar. W.W.I vol, Ger. Army, then mem. Freikorps. 1922 Assessor; Dr. jur., Univ. Breslau. Legal rep. (Syndikus) of publ. co. Fröhlich & Aschwald, Leipzig. 1926 and 1928/29 org. expeditions to Nepal, achieved prominence with expedition reports, num. lect. tours in Ger., It. and Switz. Wrote popular books and arts. on mountaineering. 1930 invited to visit U.S.S.R., subsequently lost post as Syndikus. Own law office in Berlin, contrib. to *Arbeiter-Illustrierte-Zeitung* under pseud. 1934 emigr. to Prague. 1935 fdr. of short-lived Assn. of Dem. Ger. Mountaineers, advocated Ger. popular front. 1936/37 partic. in preparations for S.E. Asia expedition of orientalist W. van Bechtold, plans failed due to pol. dev. Early 1938 via U.S.S.R. and Japan to Bol. Hotel mgr. in Oruro.

Biblio: "Der geistige Vorbehalt im Lichte der neueren Rechtssprechung" (diss., Univ. Breslau, 1922); *Im Frühtau zu Berge: Eine Liedgutsammlung für den Bergsteiger und Naturfreund* (Apolda, 1924); with Johann Windel and F. Strackl, *Faustregeln für die erfolgreiche Seilschaft* (Apolda, 1926); *Harry Musbacher, Bergheld am Polarkreis*, juvenile lit. (Leipzig, 1931); other works. *Sources*: Arch, News, Pers. — IFZ.

Alster, Raoul (fmly. Abraham), actor, stage director and manager; b. Lemberg, Galicia, Aus. (Lvov, U.S.S.R.) 27 Oct. 1899, d. Bern 19 Mar. 1962. *R*: Jewish. *E*: 1933 Aus, 1934 C.S.R., 1935 Switz. *Cit*: Switz.(?) ∞ Agnes Busch, actress, a: 1980 Munich.

1916 fled from Lemberg because of Russian encroachment. Matura, Vienna. Studied law. 1920–21 acting classes at A.M.d.K. 1921–24 theater engagements: 1921–22 Stadttheater Gablonz, Bohemia, Aus. (Jablonec, C.S.S.R.); 1922–23 Chemnitz, Ger. (Karl-Marx-Stadt, Ger. Dem. Repub.); 1923–24 Königsberg, E. Prussia, Ger. (Kalinigrad, U.S.S.R.). Until 1933 actor in Nuremberg, Frankfurt/M., Dresden, and Mannheim; mem. G.D.B.A. 1933 dismissed. 1933 emigr. to Vienna. Engagement at the Komödie. 1934–35 with United Ger.-Theaters, Brünn (Brno), C.S.R. 1935 emigr. to Switz. Until 1955 actor and dir. at Stadttheater Bern. 1959–60 dir. of theater, dir. of radio-plays for Radio Bern and Beromünster. 1945 mem. of Preparatory Comm. (for the restoration of cultural life in Aus.), Zurich. 1955–62 head of Atelier-Theater Bern; dir. Swiss premières of mod. drama. Mem.: Swiss Theater Mgrs. Assn; Swiss Actors Equity Assn. S.B.K.V.).

Lit: Kürschner, *Theater*; Kurt Weibel, "Raoul Alster zum Gedenken", in *atelier kurier*, monthly paper of the Atelier-Theater Bern, no. 21, Apr. 1962. *Sources*: Hand, Pers, Print. — IFZ.

Alt, Franz Leopold, mathematician; b. Vienna 30 Nov. 1910. *R*: Jewish. *E*: 1938 U.S. *Cit*: 1944 U.S. fmly. Aus. *F*: Joseph A., b. Wischau, Moravia, Aus. (Vyskov, C.S.S.R.) 1878, d. New York 1944, Jewish, Dr. jur., lawyer, 1939 to U.S. *M*: Else Schreiber, b. Triesch, Moravia (Trest, C.S.S.R.) 1889, d. New York 1974, Jewish, sec. sch., emigr. with husband. *S*: → Fred Alt. ∞ 1938 Alice Modern, b. Vienna 1908, d. New York 1969, Dr. phil., Univ. Vienna, worked with disturbed children. *C*: Theresa, b. New York 1943, M.A. and Ph.D., Columbia Univ., teacher; James, b. New York 1946, B.A. Columbia Univ., M.A. and Ph.D., Essex Univ. and London Sch. of Econ, assoc. prof., Washington Univ., St. Louis, Mo.

1932 Dr. phil., math., Univ. Vienna. 1932–33 apprentice teacher, sec. sch. 1933–35 engaged in unpaid res. 1935–38 actuary. May 1938 emigr. to U.S. 1938–46 res. principal, later assist. dir. res., Econometric Inst., New York. Concurr. 1943–45 serv. U.S. Army. 1946–48 dept. head of computing lab, Ballistic Res. Labs., Aberdeen Proving Ground, Md. 1948–67 with Nat. Bur. of Standards: 1948–52 assist. head, Computation Lab, 1952–62 assist. head, Appl. Math. Div., 1962–63 head, Off. Intl. Rels., 1964–67 area mgr. for info. systems designs and res., off. of standard reference data. Concurr.: Ed. 1954–58 *Journ. of Assn. Computer Machinery*; 1959–61 *Journ. Res. Nat. Bur. of Standards*; from 1960 *Advances in Computers*; 1960–62 consult., Mgt. Sci. Res. Group, Univ. Maryland. 1967–73 dep. dir., Info. Div., Am. Inst. of Phys.; 1973 ret. Also taught grad. math. at var. univs.

Spec. in electronic computers and their applications in sci, engr, mgt. and data processing; also info. retrieval, automatic language translation, numerical anal. operations res, econometrics, geometry of metric spaces. Mem: Am. Math. Soc.; Assn. for Computing Machinery (pres. 1950-52; chmn. ed. bd. 1954-58); Nat. Res. Coun. (1961-64); Assn. for Computational Linguistics (v. pres. 1963-64); Am. Standards Assn. Subcomm. (chmn. 1963-65); Intl. Coun. Sci. Unions-CoData Intl. Task Group on Computer Use in Data Cents. Recd: First winner of Dist. Serv. Award of the Assn. for Computing Machinery. A: New York.

Biblio: *Electronic Digital Computers* (New York, 1958); contrib. more than 50 arts. to prof. journals incl. *Annals of Math*, *Econometrica*, *Intl. Cong. of Math. Computers and Automation*; for biblio. to 1973 see R.F.J.I. archs. **Sources:** Hand, Qu. — R.F.J.I.

Alt, Fred, electrical engineer; b. Vienna 6 Mar. 1912, d. Washington, D.C. 4 Jan. 1969. *E:* 1938 U.S. *Cit:* 1944 U.S. fmly. Aus. For *F, M* and *S* see brother — Franz Leopold Alt. ∞ 1941 Hansi Schwarz, b. Vienna 1911, grad. A.M.d.K., Vienna, music teacher, 1938 to Fr, 1941 to U.S., music teacher, publ. teaching material for piano, a: Washington, D.C. C: (none).

1934 Dr. jur., Univ. Vienna. Worked in father's law off. 1938 emigr. to U.S. 1944-46 serv., U.S. Army in Eur. 1949 B.S. elec. engr, Cooper Union Sch. of Engr. 1951-58 chief elec. engr, Holmes and Narver, Los Angeles, Calif. 1959-64 chief instrument engr. and dev. br., Nat. Insts. Health, Bethesda, Md. 1964-dir. of testing div., Naval Oceanographic Instrumentation Cent, Washington, D.C. 1964- chmn. instrumentation comm, Engrs. Joint Coun. 1966- dir. of marine sci. div., Instrument Soc. of Am. 1966- chmn. task group on instrumentation for exposure sites, Am. Soc. for Testing and Mats. Developed and applied instruments for oceanographic use, especially to protect undersea structures; also developed instrumentation for medical and industrial use. Mem: A.A.A.S.; Nat. Soc. Prof. Engrs; Marine Tech. Soc. I.E.E.E.; Instrument Soc. of Am. (dir. bio-med. sect. 1963-65); Chamber Music Players Soc.

Biblio: Ed, *Marine Sciences Instrumentation* (vol. 4, New York, 1962-68); ed, *Biomedical Sciences Instrumentation*, (vol. 1, 1963); ed, *Advances in Bioengineering and Instrumentation* (New York, 1966); ed, *Systems Approach to Oceanographic Instrumentation* (Pittsburgh, Penn. 1967). **Sources:** Hand, Pers, Print. — R.F.J.I.

Alter, Israel, cantor, composer; b. Lemberg, Galicia, Aus. (Lvov, U.S.S.R.) 23 Sept. 1901. *R:* Jewish. *E:* 1935 S. Afr, 1961 U.S.

Studied music in Vienna. 1921(?) first app. as cantor, Brigittenauer Tempel-Verein, Vienna. 1925-35 in Hannover. 1935 emigr. to S. Afr. Head cantor, United Hebrew Cong, Johannesburg. 1961 emigr. to U.S. Mem. fac, Sch. of Sacred Music, H.U.C.-J.I.R., Cincinnati, Ohio. Ed. of liturgical works of David Eisenstadt, incl. "leDavid Mizmor" (A Song of David).

Biblio: *Shirei Yisrael* (Songs of Israel; 2 vols. of cantorial compositions; 1952-57); *Mayne Lider* (My Poems; musical settings in Yiddish poems; 1957); *Cantorial Recitatives for Hallel, Tal Geshem* (1962). *Arch:* Cologne File, R.F.J.I. **Sources:** Arch, Print. — R.F.J.I.

Alterman, Zipora Stephania née Balaban, prof. of mathematics, geophysics; b. Berlin 6 Aug. 1925, d. Aust. 1974. *R:* Jewish. *E:* 1938 Pal. *Cit:* Isr. *F:* Leon Balaban, d. Isr, Jewish, engr, emigr. to Isr. *M:* Regina Wischnitzer (sister of *Mark Wischnitzer), d. Isr, emigr. to Isr. *S:* — Ernst Balaban; Hanan Balaban, b. Berlin, 1939 to Pal, engr. ∞ 1950 Israel Altermann, b. Chisinau, Rum. (Kishinev, U.S.S.R.) 1920, Jewish, 1932 to Pal, D.Sc, dir, Environmental Engineering, Ltd, Tel Aviv; consult, civil engr. *C:* Ilan-Moshe, b. Isr. 1954, recd. prizes for inventions in aeronautics.

1938 emigr. to Pal. 1943-47 studied math, minors in phys. and philos, Hebrew Univ; 1948 M.Sc; 1953 Ph.D. Concurr. 1948-55 capt, I.D.F. and res, sci. dept, Isr. Min. of Defense.

1956-67 mem. staff, dept. of appl. math, Weizmann Inst, Rehovot: 1956-60 sr. sci, 1961-67(68?) prof. Concurr: 1960-61 vis. sci, Yerkes Observ, Univ. Chicago; 1961-65 vis. prof, depts. of math. and meteorol, Hebrew Univ; 1965-66 vis. prof, dept. of appl. math, Tel Aviv Univ; 1966-67 vis. mem, Courant Inst. of Math Scis, New York Univ. From 1967 mem. fac, Tel Aviv Univ: 1967 prof. of theor. geophys. and dir, Inst. of Space and Planetary Sci, 1968 head dept. of environmental sci. Concurr: Mem: ed. bd. *Celestial Mechanics; Geophysical Surveys*; bd. dirs. Isr. Oceanographic and Limnological Res. Ltd; num. Isr. nat. comms, incl. 1971-73 Isr. Nat. Comm. on Biosphere and Environment and Comm. on Air Pollution. Theoretical res. on the internal layers of the Earth by means of seismic waves and computer work, particularly in field of oscillatory problems: Z. A. was first to compute frequencies of free oscillations of earth; obtained complete theoretical seismogram for explosive and other point sources in a sphere; found propagation constants for sound and heat in rarified gases. Mem: Isr. Math. Union (exec. secy. 1963-65); Isr. Soc. Geodesy and Geophysics (chmn, seismology sect. 1964-; pres. 1967-); Inst. for Petroleum and Geophysics Res. (mem. bd. dirs.); Seismology Assn. Am; Isr. Union for Data Processing; others. Recd: Award of Isr. Soc. of Data Processing (1969).

Biblio: Contrib. chaps. to several books, arts. to tech. journals, incl: "Higher Mode Surface Waves," *Upper Mantle Comm. of the Intl. Union of Geophysicists and Geologists Geophysical Monograph* 1969; co-auth, "Source of Finite Extent," *Geophysical Journ. of the Royal Astron. Soc.* (vol. 21); co-auth, "Corner Generated Surface Pulses," *Geophysical Journ. of the Royal Astron. Soc.* (vol. 25, 1971). **Sources:** Hand, Pers. — R.F.J.I.

Altman, George (Georg Altmann), stage director, head of theater, professor; b. Berlin 15 June 1884, d. Los Angeles 9 June 1962. *R:* Jewish. *E:* 1933 Fr, 1938 U.S. *Cit:* U.S. *F:* Eugen(e) A, U.S. cit. *M:* Born in Berlin. *S:* Ernst, co-mgr. of publ. house. ∞ 1908 Alice Hall, actress, 1933 to Fr, 1938 to U.S. with husband and child. *C:* Ralph G, b. 1909(?), d. 1968, art historian, emigr. with parents; Felicitas Gilbert, 1937 to U.S.

1902-05 att. Univs. Heidelberg, Berlin, Oxford, Jena and Munich. Mem. Akademischer-dramatischer Verein. First worked as actor and dir. with Otto Falckenberg (later head of the Kammerspiele, Munich), and others. 1905-06 studied at Univ. Berlin. Studied directing under — Max Reinhardt, also serving as his assist. 1905- mem. Gesellschaft für Theatergeschichte, Berlin. Publ. essays on the dramatic arts in prof. journals. 1906-07 att. Univ. Jena; 1907 Dr.phil, with one of the first dissertations on dramaturgical aesthetics written in Ger. 1907-09 Dramaturg and dir, Hof- und Nationaltheater in Mannheim under Carl Hagemann. 1910-13 dir, Kurtheater in Pyrmont und Deutsches Theater, Hannover; there dir. many premières of works by contemporary dramatics incl. Ibsen, Hauptmann, Schnitzler, Wedekind. 1913-26 succeeded Max Reinhardt and — Victor Barnowsky as dir. of Kleines Theater, Berlin. Concurr: 1921- guest dir. at the Rotter-Bühnen; 1926 study tour of U.S. 1927-33 dir, Schauspielhaus der Städtischen Bühnen, Hannover; innovator in stage direction due to personal style, esp. in staging contemporary dramas, among them num. world-respected German premières. Concurr. 1931 rep. D.B.V. at conf. of the Société Universelle du Théâtre, Paris; also lecturer. Mem: D.B.V.; Verein Berliner Theaterdirektoren; V.k.B., Berlin; instr. for stage dir. within the V.k.B.; 1933 dismissed from post as dir. 1933 emigr. as U.S. cit. to Fr. via Belg, Eng. and Switz. 1933-36 in Nice; mem. of the Presse Étrangère; theater critic for newspapers in Zurich, Basel and Vienna; contrib. to Sunday ed. of *Pariser Tageszeitung*. 1937 emigr. to U.S. 1938-45 drama instr, dir. of plays and operas for San Francisco theaters incl. 1939 Green Street Theater, first Englang. staging of works by — Bertolt Brecht in the U.S. and 1941 festival staging in celebration of the city's 75th anniversary at Greek Theater, Berkeley, Calif. 1945(?)—62 in Los Angeles; staged last play for charity perf. at Jewish Club of 1933. 1945(?) lect, U.C.L.A. with — William Melnitz. Worked on exhibs. connected with theater; trans. and publ. for journals. of dramatic arts.

Biblio: *Heinrich Laubes Prinzip der Theaterleitung* (diss., Univ. Jena, 1907; publ. Dortmund, 1908); *Ludwig Devrient: Leben und Werke eines Schauspielers* (Berlin, 1926); co-auth, *Theater Pictorial: A History of World Theater as Recorded in Drawings, Paintings, Engravings and Photographs* (Berkeley and Los Angeles, 1953); *Vor fremden und eigenen Kulissen: Geschautes und Erlebtes*, autobiog., Carl Niessen, ed. (Emsdetten, 1964). **Lit:** Claus Harms, "Georg Altman," in *Leben und Schicksal. Zur Einweihung der Synagoge in Hannover* (biog., ed. by the State Capital Hannover in cooperation with the Jewish Congregation in Hannover; Hannover, 1963); Carl Niessen, "Statt einer Einführung: In memoriam Prof. Dr. Georg Altman," in Georg Altman, *Vor fremden und eigenen Kulissen* (pp. 1-9); Friedrich, *Theater: Wächter, Exiltheater*; German Language Theater. Arch.: Univ. California; Theatermuseum, Cologne. **Sources:** Autobiog., E.G.L., Hand, News, Pers., Print. — IFZ.

Altman, Alexander, rabbi, prof. of Jewish philosophy; b. Kassa, Slovakia, Hung. (Kosice, C.S.S.R.) 16 Apr. 1906. **R:** Jewish. **E:** 1938 U.K., 1959 U.S. **Cit:** 1946 U.K. **F:** *Adolf A., b. Hunsdorf, Hung. 1879, d. Auschwitz concentration camp 1944, Jurist, legal philos., Regierungsdirektor, Chief Rabbi of Trier, 1938 to Neth., deported to Theresienstadt concentration camp and later Auschwitz. **M:** Malwine Weisz, b. Kassa, Slovakia 1881, d. Auschwitz concentration camp 1944, emigr. to Neth., interned Westerbork concentration camp, deported to Auschwitz concentration camp. **S:** Erwin A., b. Salzburg, Aus. 1908, studied Univ. Marburg, 1934-39 in Holl, 1940 to U.S., dir., Pub. Welfare Off., County of Los Angeles; *Manfred Altman, b. Salzburg 1914, Dr. econ. and law, Univ. Marburg, 1939 to U.K., chmn. and dir. of mfg. and export firms, Jewish funct. ∞ 1932 Judith Frank (daughter of Louis Frank, fdr. of Misrachi in Germany). **C:** Fay Aviv Lunzer; Michael; Eve Yardeni.

Studied Yeshivah Bratislava, C.S.R. 1931 Dr. phil., summa cum laude, Univ. Berlin. 1931 ordained rabbi, Hildesheimer Rabb. Sem., Berlin. 1932-38 rabbi, Jewish Cmty., Berlin. Concurr. 1932-38 lect. on Jewish philos., Rabb. Sem., Berlin. Fdr., Rambam-Lehrhaus für jüd. Erwachsenenbildung. 1938 emigr. to U.K. 1938-59 communal rabbi and Av Beth Din (head of rabb. court) for Manchester and Dist. Jewish Cmty. Also chmn. of Syn. Coun. 193(?)—59 fdr., dir., chmn. of bd. of govs. Inst. for Jewish Studies, Manchester (later in London as div. of University Coll.), modeled on the Frankfurter Lehrhaus, 1959—hon. pres. Concurr. 1954-59 ed., *Journ. of Jewish Studies*, vols. 6-9 (London); 1957—co-ed., *Scripta Judaica*; vis. prof. 1958—Hebrew Univ., 1958-59 Brandeis Univ., Waltham, Mass.; lect., Univ. Manchester and pres. of its Jewish Soc.; mem. bd. Assn. Jewish Refs.; mem. coun., Jews' Coll., London; mem. B'nai B'rith; pres. Misrachi; jt. pres. Coun. of Christians and Jews, Manchester. 1959 emigr. to U.S. 1959—Phillip W. Lown prof. of Jewish philos., Brandeis Univ.; 1960-65 dir. of Lown Inst. of Advanced Jewish Studies. Until 1968 ed., *Studies and Texts of the Lown Inst.*, vols. 50-55. Fel.: Am. Coun. of Learned Soc. (1966-67); Am. Acad. of Arts and Scis. and Am. Acad. for Jewish Res. (1967). Mem.: bd. dirs., L.B.I., New York; Am. Oriental Soc.; exec. comm., Conf. on Jewish Philos., New York; mem. senate of Lessing Acad., Fed. Repub. Ger. (1973). Recd.: M.A. h.c., Univ. Manchester (1943); hon. D.H.L., H.U.C.-J.I.R. (1967); Drs. phil. h.c., Univ. Munich (1972), Univ. Cologne (1979), and Univ. Trier (1980). **A:** (1977) Waltham, Mass.

Biblio: "Die Grundlagen der Werthethik: Wesen, Wert, Person" (diss., Berlin, 1931); *Metaphysik und Religion* (1931); *Was ist Jüdische Theologie?* (Frankfurt, 1933); *Des Rabbi Mosche Ben Maimon More Neuwchim im Grundriss* (Berlin, 1935); *Franz Rosenzweig und Eugen Rosenstock-Huessy: An Introduction to their Letters on Judaism and Christianity* (1944; also in *Judaism Despite Christianity*, 1968); *Saadya Gaon: The Book of Doctrines and Beliefs* (Oxford, Eng., 1946, abridged Eng. trans. from the Arabic and commentary); contrib., *The Jews, Their History, Culture and Religion*, 2 vols. Louis Finkelstein, ed. (New York, 1949, 1953, 1955, 1960); co-ed., co-trans., with commentary, *Isaac Israeli, A Neoplatonic Philosopher of the Early Tenth Century* (London, 1958); *Jewish Studies: Their*

Scope and Meaning Today (London, 1958); "Moses Mendelssohn on Leibnitz and Spinoza," *Studies in Rationalism, Judaism, Universalism*, in memory of Leo Roth (London, 1964); "Moses Mendelssohns Kindheit in Dessau," *L.B.B.* (vol. 10, no. 40, 1967); "Moses Mendelssohns Gesammelte Schriften," *L.B.B.* (vol. 11, no. 42, 1968); *Studies in Religious Philosophy and Mysticism* (Ithaca and Plainview, N.Y., London, 1969); "A New Evaluation of Moses Mendelssohn's Jerusalem in the Light of Biographical Data," *Zion* (Hebrew, vol. 33, no. 1/2, 1968); *Moses Mendelssohns Frühschriften zur Metaphysik* (Tübingen, 1969); *Moses Mendelssohn: A Biographical Study* (London, Philadelphia, and Univ. Alabama, 1973); others; also biblio. rep. in *L.B.I.Y.B.* (vol. 4, 1959 and vol. 15, 1970). **Lit:** *A. Altmann Festschrift*, Univ. Alabama Press (1976 [??]). **Sources:** Arch., Hand, News, Print. — R.F.J.I.

Altman, Margaret, prof. of psychology; b. Berlin 6 Oct. 1900. **E:** 1933 U.S.

1921-30 farm mgr. Concurr. 1928 Dr. phil., agric., Univ. Bonn; 1928-29 dairy res. for Ger. govt.; 1929-31 lect., Ger. Agric. Min. 1931 Ger. govt. and Rockefeller fel. 1932-33 agric. countries specialist. 1933 emigr. to U.S. 1933-41 mem. fac. Cornell Univ.; 1933 assist. animal breeder, 1938 res. assoc. psychobiologist. 1941-56 mem. fac. Hampton Inst., Hampton, Va.; 1941 assoc. prof. of biol. and animal husbandry, and chmn. dept.; 1951(?) prof. of animal husbandry and genetics. 1948—big game res., Biological Res. Station. 1958 vis. lect. psych., Univ. Colorado. 1959 vis. prof. psych. and biol., Kenyon Coll., Gambier, Ohio. 1959-69 mem. fac. Univ. Colorado: 1959 prof., 1969—prof. emer. Mem.: A.A.A.S.; Genetics Soc. Am. A.: Boulder, Colo.

Biblio: "The Endocrine Basics for the Elevated Blood Calcium Level Associated with Reproduction in the Female Fowl" (diss., Cornell Univ., 1938); co-auth., "A Psychosomatic Study of the Sex Cycle in Women," *Psychosomatic Med.* (vol. 3, 1941); "A Study of Patterns of Activity and Neighborly Relations in Swine," *Journ. Comp. Psych.* (vol. 31, 1941); "Interrelations of the Sex Cycle and the Behavior of the Sow," *Journ. Comp. Psych.* (vol. 31, 1941); auth., "Social Behavior of the Elk...," *Behavior* (vol. 4, 1952); "A Study of Behavior on a Horse-Mule Group," *Sociometry* (vol. 14, 1951); "Social Integration of the Moose Calf," *Animal Behavior* (vol. 6, 1958). **Sources:** Hand, Journ. — R.F.J.I.

Altschul, Rolf, prof. of chemistry; b. Düsseldorf, Rhineland, Ger. 24 Jan. 1918. **E:** 1937 U.S. **Cit:** U.S. ∞ 1955. **C:** Two.

Att. Univ. Zurich, Switz. 1937 emigr. to U.S. 1939 A.M., Harvard Univ., 1941-44 Pittsburgh Plate Glass fel.; Ph.D. in chem. 1944-45 lect., Bryn Mawr Coll. 1945—prof. and chmn., dept. chem., Sarah Lawrence Coll., Bronxville, N.Y.; concurr. 1954—res. assoc., Brandeis Univ., Waltham, Mass. Mem.: Am. Chem. Soc. A.: (1979) Bronxville.

Biblio: "The So-Called 'Positive Halogen'" (diss., Harvard Univ., 1941). **Sources:** Hand, Pers., Print. — R.F.J.I.

Altschul, Rudolf, prof. of anatomy; b. Prague 24 Feb. 1901, d. Saskatoon, Can. 4 Nov. 1963. **E:** 1939 Can. **F:** Emanuel A. M.: Emma Schneider, b. Neuhaus, Bohemia, Aus. (Jindrichuv Hradec, C.S.S.R.). **S:** Irma, d. Saskatoon 1980, early 1940s in Theresienstadt concentration camp, late 1940s emigr. to Can., libr., Univ. Saskatoon; Wilma Katz, d. in Holocaust; Franz, d. in Holocaust. ∞ 1928 Anna C. Fischer, b. Prague, emigr. with husband, a: Saskatoon.

1925 Dr. med., German Univ., Prague. 1925-26 postgrad. studies, Salpêtrière, Paris. 1926-29 Royal Neurol. Clin., Rome. 1929-39 res. fel., Histology Inst., German Univ., Prague; concurr. priv. practice in neuropsychiatry, Prague. 1939 emigr. to Can. 1939-63 mem. fac., Univ. Saskatchewan, Can.; 1939 instr. of histology and neurol., 1941 assist. prof., 1945 assoc. prof., 1948-63 prof., 1955-63 head, dept. of anat. 1952-63 dir., Am. Soc. for the Study of Arteriosclerosis. Major work in fields of histology, neurology and cholesterol metabolism res. Mem.: Am. Assn.

for the Advancement of Sci.; Am. Assn. of Anatomists; fel, Royal Soc. of Can; pres, Can. Assn. of Anatomists.

Biblio: *Selected Studies on Arteriosclerosis* (Springfield, Ill, 1950); *Endothelium: Its Development, Morphology, Function and Pathology* (New York, 1954); contrib. num. arts. to prof. journals. **Sources:** Hand, Pers. — R.F.J.I.

Altschuler, Helmut Martin (to 1943 Altschüler), electrical engineer; b. Mannheim, Baden, Ger. 13 Feb. 1922. **R:** None. **E:** 1934 Japan, 1940 U.S. **Cit:** 1943 U.S., fmlly. Ger. **F:** August Altschüler, b. Neustadt a.d. Hardt, Bavaria, Ger. 1886, d. New York 1964, no relig. (of Jewish origin), att. sec. sch, businessman, 1906–21 worked in Japan, 1933 to Japan, 1946 to U.S. **M:** Johanna Lilienfeld, b. Berlin 1890, d. New York 1979, Jewish, att. sec. sch, 1912–21 lived in Japan, emigr. with husband, active in local cmty. helping Jewish refs. **S:** Gertrud Jonas, b. Yokohama, Japan 1913, d. Salem, N.J. 1962, att. sec. sch, studied nursing, 1934 to Japan, 1937 to Shanghai, 1938 to U.S. nursemaid, governess, companion; Howard D. Ashley (Hans Dieter), b. Yokohama 1916, att. sec. sch, 1937 to U.S. from Ger, importer. ∞ 1942 Selma Smith, b. New York 1921, no relig. (Jewish origin), 1948 B.A., cert. in teaching mentally retarded, secy, interior decorator, teacher of mentally retarded. **C:** Robert, b. New York 1951, B.A. bus. admin, businessman; Lynn, b. New York 1953, B.S., environmental biol, geological draftsman; Susan, b. New York 1955, B.S. environmental geog, Peace Corps vol, Kenya.

Jan. 1934 emigr. to Japan with mother and sister. 1934–40 att. Canadian Acad. Kobe, Japan, 1940 dipl. (Eng. lang. sch.). 1934–40 mem, troop leader in Boy Scouts. 1940 emigr. to U.S. 1940 temp. odd jobs. 1941–46 serv, U.S. Army; 1945–46 with O.M.G.U.S. Concurr. 1943–44 att. Clemson A & M Coll. (now Clemson Univ.), S.Car. 1946–63 att. Polytechnic. Inst. of Brooklyn (now Polytech. Inst. of New York); 1947 B.E.E.; 1947–48 fel; 1949 M.E.E.; 1963 Ph.D. in electrophys. From 1948 mem. staff, Polytech. Inst. of Brooklyn: 1948–51 res. assist, Microwave Res. Inst, 1951–52 res. assoc, 1952–63 sr. res. assoc, electrophys. dept, 1963–64 res. assoc. prof. 1957–58 mem. ed. bd, Inst. of Radio Engr. *Transactions on Microwave Theory and Tech.* From 1964 involved with Nat. Bur. of Standards, Boulder, Colo: 1964 head of radio standards, engr. div, later acting head, Radio Standards Lab, then sr. res. sci, electromagnetics div; from 1977 coord. intl. activities, Inst. for Basic Standards; was engaged primarily in nat. and intl. org. of cooperation in his field. H.M.A.'s res. projects incl: res. in microwave, electrophysics and the engr. fields incl: measurement methods for connector and adapter evaluation; modelling the Automatic Network Analyzer for purposes of its calibration; dev. network theory approach to the operation of, and to errors in, coaxial adjustable-slot directional couplers; electrical model and theory of measurement of electro-explosive devices; theory of the Wiltron HF impedance bridge; theory of a frequency-variation method of microwave impedance measurement; many others. **Fel:** Inst. Elec. and Electronics Engrs. (secy-treas, v. chmn. and chmn. of Microwave Theory and Techs. Soc.). **Mem:** Intl. Union of Radio Sci, Commn. A (U.S. rep, v. chmn. and chmn.); Conf. on Precision Electromagnetic Measurements (mem. exec. comm, chmn.); High Frequency Working Group of the Intl. Comm. of Weights and Measures (rep. of Nat. Bur. of Standards); Sigma Xi; others. **Recd:** 3 awards as employee of Nat. Bur. of Standards. **A:** (1978) Gaithersburg, Md.

Biblio: Co-auth, "Network Methods in Microwave Measurements," *Proc. of the Symposium on Mod. Advances in Microwave Techs.* Polytech. Inst. of Brooklyn (Nov, 1954); "A Method of Measuring Dissipative Four-Poles Based on a Modified Wheeler Network," *I.R.E. Transactions on Microwave Theory and Techs.* (vol. MTT-3, no. 1, Jan, 1955); co-auth, "On Network Representations of Certain Obstacles in Waveguide Regions," *I.R.E. Transactions on Microwave Theory and Techs.* (vol. MTT-7, no. 2, Apr. 1959); "The Measurement of Arbitrary Linear Microwave Two-Ports," *Proc. of the Inst. of Elec. Engrs.* (vol. 109, Part B, suppl. 23, London, 1962); "The Interchange of Source and Detector in Low-Power Microwave Net-

work Measurements," *I.E.E.E. Transactions on Microwave Theory and Techs.* (vol. MTT-13, Jan. 1965). While at Polytech. Inst. of Brooklyn wrote ca. 25 reports and 30 publs, incl. several chaps. in a definitive handbook on microwave instruments. **Sources:** Hand, Qu. — R.F.J.I.

Alva (until 1925 Solomon Siegfried Allweiss), painter, lithographer and serigrapher; b. Berlin 29 May 1901, d. London 13 Nov. 1973. **R:** Jewish. **E:** 1933 Fr, 1938 U.K., 1955 Fr. **Cit:** U.K., 1933 stateless. **F:** Herman Allweiss. **M:** Marie, b. Aus, orthodox Jew. **S:** (none). ∞ Married. **C:** Son.

Att. Berlin Jewish Sch; yeshiva educ. 1919 att. Stern Cons, Berlin. Worked as printer and studied drawing in Berlin. 1928 studied painting, Atelier libre de l'académie Colarossi, Paris. 1929–32 painted and travelled to Fr, Switz, and It. Apr. 1933 emigr. to Paris; Ger. passport cancelled. 1934 painted and travelled in Syria, Greece, and Pal. First solo exhib. in Pal. 1935 studied painting in London. 1938 emigr. to U.K.; lived in London. 1940 interned on Isle of Man, U.K. 1945 first abstract work entitled "Dynamic Composition." 1955 emigr. to Paris; worked as artist. Movement and tonality were major elements of Alva's calligraphic style. Many works were dominated by Jewish themes, including Biblical figures and vignettes of Eastern European life. During the middle years of his career, Alva employed the abstract mode of painting. He later turned to more classic art forms, focusing especially on voluptuous nudes.

Exhibitions: Individual shows at Maskit Gall, Tel Aviv (1935); Leger Gall, London (1941); Lefèvre Gall, London (1943); Leicester Gall, London (1948); Meltzer Gall, New York (1954, 1955, 1956, 1957, 1958); Artist's House, Jerusalem (1954); Palais des Beaux Arts, Brussels (1955); Traklin Gall, Haifa (1955); Het Atelier, Antwerp (1956); Retrospective Exhib, Aachen Mus, Ger. (1957); Galleria del Fiore, Milan (1958); Adler Gall, Cape Town, and Johannesburg, S. Afr. (1958); Vettiko Gall, Bonn (1961); Modern Nordisk Konst, Karlstad, Swed. (1965); Waddington Gall, London (1973). **Biblio:** *Campflowers*, 13 ball pen drawings of fellow internees (Isle of Man, 1940); "Towards Concise Form in Painting: A Memoir," *Leonardo*, vol. 2 (Jan, 1969); for complete listing of biblio. and lit, see Alva's autobiog, *With Pen and Brush* (London, 1973). **Arch:** Artist Files, Mus. of Mod. Art Libr, New York. **Sources:** Arch, Hand, News, Print. — R.F.J.I.

Alvensleben, Werner von, painter, writer; b. Kassel, Hessen, Ger. 1 Aug. 1889. **E:** U.K. **Cit:** Ger. **F:** Werner von A, b. Berlin 1851, teacher at milit. acad. in Kassel. **M:** Julie von Miller.

Spent youth in Darmstadt, Ger.(?). Studied drawing in Eisenach, Thuringia, and painting at Acad. Munich. Subsequently freelance genre and landscape painter; also stage designer in Berlin. 1927 co-fdr. of Porza artists' soc. in Porza near Lugano, Switz. 1927 moved off. to Berlin under W.A.'s directorship. Org. exhibs and lect. evenings; fdr. of branches in Switz, Fr, Neth. and Den; Oct. 1928 first Porza House opened in Lugano-Caderpino, Switz, as meeting place for intellectually and artistically active people. After emigr. to U.K., 1939 partic. in First Group Exhib. of Ger, Aus. and Czech. Painters and Sculptors of F.D.K.B. at Wertheim Gall, London.

Biblio: *Porza*, found. proclamation (Berlin-Charlottenburg, 1927); *Porza*, program and by-law (Cologne, 1929); Günter Metken, ed, "Automatische Kunst," *Als die Surrealisten noch recht hatten*, texts and documents (Stuttgart, 1976). **Lit:** Dresslers (II; 1930); Vollmer (I, 1953; Olbrich, *Künstler im Exil: Berlinische Galerie 1913-1933*, cat. (Berlin, 1979). **Sources:** Cat, Hand, Print. — IfZ.

Alwin, Karl Oskar (fmlly. Pinkus), conductor, composer, pianist; b. Königsberg, E. Prussia, Ger. (Kaliningrad, U.S.S.R.) 15 Apr. 1891, d. Mexico City 15 (16?) Oct. 1945. **R:** Jewish. **E:** 1938 to U.S., 1941 to Mex. ∞ I. 1920 → Elisabeth Schumann, 1936 div; (?) Stefanie Harrison. **C:** (stepdaughter) Lillian Harrison, a; New York.

Studied lit, philos, music, with Engelbert Humperdinck, Hugo Kaun, Univ. Berlin. 1910 coach at Berlin Hofoper. 1912 assist. to Carl Muck at Bayreuth Fest. 1913 cond. in Halle, Saxony, Ger; 1914 in Posen, Ger. (Poznan, Pol.); 1915-17 in Düsseldorf, Rhineland, Ger; 1917-20 in Hamburg. 1920-38 cond, Vienna State Opera. Concurr. 1923-25 guest appearances in U.K., Fr. and Sp; 1925 prof, Musik Akademie, Vienna; 1930 tour of U.S. 1938 emigr. to U.S. after Nazi troops marched into Vienna and closed the Vienna Opera. Upon arrival worked mainly as accompanist to → Jan Kiepura on nationwide concert tour, went to Hollywood. 1939-40 cond, Chicago Civic Opera Co. 1940- frequent trips to South Am. 1941 emigr. to Mex. 1941-45 cond, Opera Nacional, Mexico City.

Works: Num. Lieder, symphonic waltzes and a symphony in E major. **Sources:** Hand, News. — R.F.J.I.

Amann, Paul, translator; b. Prague 6 Mar. 1884, d. Fairfield, Conn. 24 Feb. 1958. *E:* 1939 Fr, 1941 U.S. ∞ Dora.

Studied Germanic and Romance langs. and lit, Univs. Vienna and Prague; Dr. phil. Taught in Reichenberg (Liberec, C.S.S.R.) and Prossnitz, Moravia, Aus. 1910- teacher at Realsch. Vienna. Serv. W.W.I. 1915- corresp. with → Thomas Mann. 1935 confiscation of his work *Tradition und Weltkrise*. Feb.. 1939 emigr. to Paris. Moved to Montpellier after Fr. defeat. Sept. 1941 emigr. to U.S. 1945- prof. at Mohawk College, Utica, N.Y. Instr. Champlain College, Plattsburg, N.Y. Later recd. Aus. pension. Translator from Fr. of works by Romain Rolland, Henry de Montherlant and others; wrote on literary criticism.

Biblio: *Leopold Komperts literarische Anfänge* (Prague, 1907); *Tradition und Weltkrise* (Berlin, 1934); *Kristall meiner Zeit: Verschonte Verse 1914-1955* (Fairfield, Conn, 1956); trans. Romain Rolland's *L'âme enchantée*, 6 vols. (Zurich, 1935-36); Henry de Montherlant's *Les jeunes filles* (Basel, 1937), and his *Pitié pour les femmes* (Basel, 1937); James Ronald's *Ruth Malverns lange Nacht* (Zurich, 1937). *Lit:* H. Wegener, ed, *Thomas Manns Briefe an Paul Amann 1915-1922* (Lübeck, 1959); Zvi Altmann, "Die mildere Zone Österreichs: Thomas Mann und Paul Amann," in *Bull. für die Mitglieder der Gesellschaft der Freunde des Leo Baeck Instituts* (vol. 3, Tel Aviv, 1960); *D.L.L. Sources:* Hand. — IfZ.

Amar, Licco, violinist; b. Budapest 4 Dec. 1891, d. Freiburg/Breisgau, Baden, Ger. 19 July 1959. *R:* Jewish. *E:* Ca. 1933 Fr, 1934 Tur, 1957 Ger. *Cit:* 1934 Tur. (fam. from Macedonia). *F:* Michael A, b. 1865, d. 1918, merchant. *M:* Regina Strakosch, b. 1871. ∞ 1925 Emmy Matterstock.

1911 studied violin with Emil Bare, Budapest Cons. Studied with Henri Marteau, Hochschule für Musik, Berlin; 1912-15 played second violin in Marteau's quartet. 1915 emigr. to Ger. 1915-20 concertmaster, Berlin Philh. Orch. 1920-23 concertmaster, Nat. Theater, Mannheim, Baden, Ger. Concurr. 1921(22?) fdr. of the Amar String Quartet with → Paul Hindemith, Walter Caspar, and → Maurits Frank; partic. in Hindemith's Donaueschingen concerts; until 1929 toured Eur. with group until it disbanded in that year. Ca. 1933 emigr. to Fr. Ca. 1934 emigr. to Tur. 1938-ca. 57 prof. at Ankara Cons. Ca. 1957 emigr. to Ger. 1957-59 taught at Hochschule für Musik, Freiburg/Breisgau.

Biblio: "Weltgeschichte der Musik" (unpubl. ms, 1946). **Sources:** Hand, Print. — R.F.J.I.

Amberg, Carl Helmut, prof. of chemistry; b. Nuremberg, Bavaria, Ger. 16 Dec. 1923. *R:* None, fmly. Protestant. *E:* 1939 U.K., 1940 Can. *Cit:* Can, fmly. Ger. *F:* Richard A, b. Elberfeld, Westphalia, Ger. 1881, d. 1927, ca. 1910 Protestant, fmly. Jewish, Dr. Ing. chem. *M:* Anna Philip, b. Aachen, Rhineland, Ger. 1886, d. Lublin, Pol. 1943(?) in Holocaust (off. date 1945), ca. 1910, Protestant, fmly. Jewish. *S:* Irmgard Treuherz, b. Aachen 1912, att. sch. of Arts and Crafts, Aachen, interior archit, 1930s to It, 1939 to U.K.; Margret Gardikas, b. Aachen 1916,

univ. educ, chem, 1939 to U.K. via Switz. and Neth, 1952 to Gr; Marie-Luise Herrmann, b. Düsseldorf 1920, att. cons. in Cologne, violinist, 1939 to U.K. ∞ 1950 Annemarie Charlotte Kraus, b. Prague 1928, 1938 to U.K., 1944 to Can, M.S.S., soc. worker, assoc. prof. at Univ. Ottawa Sch. of Med. C: Ricarda, b. 1960; Veronica, b. 1962; Nicolas, b. 1964; all students.

1938-39 att. Goldschmidtsch, Berlin. Summer 1939 obtained exit visa through indirect intervention of Brit. M.P.; had schol. to Winchester Coll. 1940 interned in U.K., transported to Can. Apr. 1942 released and off. entry to Can; aided by Ottawa Ref. Comm. 1942-47 att. Queens Univ, Kingston, Ont; 1946 B.A., 1947 M.A.; concurr. summers 1943-45 work in paper and aluminum indus. 1947-49 lect, Univ. New Brunswick, Can. 1949-52 att. Toronto Univ; 1952 Ph.D. in phys. chem. 1952-53 res. assoc. in surface chem, St. Andrew's Univ, Dundee, Scot. 1953-55 res. assoc. and instr. Amherst Coll, Mass. 1955-64 res. off, div. of appl. chem, Nat. Res. Coun. of Can, Ottawa: 1955 assist, 1958 assoc, 1962 sr. From 1964 mem. fac, Carleton Univ, Ottawa: 1964 assoc. prof, 1966 prof, 1969-70 chmn. of dept. 1971-72 vis. prof. and acting chmn, T.H. Eindhoven, Neth. Spec. in adsorption and gas chromatography. Fel: Chem. Inst. of Can. (chmn, Catalysis Div.); Chem. Soc. of London (Faraday Div.). Mem: Am. Chem. Soc; Fam. Serv. Cent. of Ottawa (past bd. mem; v. pres; pres.); cellist in var. orchs. and chamber groups. A: (1975) Ottawa.

Biblio: Contrib. 35 publs. to prof. journals, incl. *Can. Journ. of Chem. Journ. of Chem. Phys. Journ. of Phys. Chem. Journ. of Catalysis. Papers:* Tech. publs. at Carleton Univ. Libr. **Sources:** Hand, Qu. — R.F.J.I.

Amberg, George (fmly. Hans Georg Franz Aschaffenburg), prof. of cinema studies; b. Halle, Prussian Saxony, Ger. 28 Dec. 1901, d. New York July 1971. *E:* 1933 Fr, 1941 U.S. *Cit:* 1946 U.S, fmly. Ger. *F:* → Gustav Aschaffenburg. *M:* Maria (Maja) Thekla Nebel, b. Heidelberg, Baden, Ger. 1878, d. Minneapolis 1965, Protestant, teacher's dipl, teacher and vol. in soc. agcs, 1938 to It, 1939 to Switz, 1939 to U.S. S: Gertrude, b. Cologne, Rhineland, Ger. 1905, d. U.K. 1945, actress, med. assist, 1934 to It, part owner of boarding house, 1938 to U.K., chambermaid; Eva, b. 1909, d. U.S. 1952, 1934 to It, part owner of boarding-house, 1938 to U.S. grad, Pennsylvania Sch. of Social Work, soc. worker and psychotherapist. ∞ 1943 Gisela Engel.

Studied art criticism and hist. of theater, Univs. Kiel, Munich and Cologne; 1930 Dr. phil, Univ. Cologne. Concurr: 1923 est. Cassette avant-garde theatre, Cologne; 1924-28 stage dir, Cologne, Darmstadt and Heidelberg Fests. 1930-33 lect, drama dept, Univ. Cologne; org. with others its theater mus; fdr. and dir. of its Film Libr. and Inst. Concurr. lect in Berlin, Frankfurt, Zurich, Basel and other cities; contrib. ed. on dance to *Ullstein En cycl.* (Berlin) and dance spec. for *Herders En cycl.* (Freiburg). 1933 emigr. to Fr. 1933-39 photog. in Paris. 1939-40 joined Fgn. Legion (prestataire?). 1941 emigr. to U.S. 1943-48 curator of dance arch, Mus. of Mod. Art, New York; org. dept. of dance and theater design (later theater arts dept.). Concurr. 1946 compiled *Dance Film Index*, New York. 1948-52 lect. on gen. educ, New York Univ. 1952-66 mem. fac, Univ. Minnesota, Minneapolis: 1952 assoc. prof, 1956 prof. Concurr: 1956-63 prof, Minneapolis Sch. of Art; 1958- contrib. ed, *Funk und Wagnall's Standard En cycl.* and Ger. encycls. 1960-63 dir, Robert Flaherty's *Louisiana Story* Study Film; 1963- prod, dir, *The Captive Eye*, six one hour films on the art of the film in coop. with KYCA-TV under grant from Louis W. and Maude Hill Fam. Found, not all films completed. 1966-71 prof. of film, fdr. and dir. of grad. prog. in cinema, New York Univ, the first inst. in Am. to grant a Ph.D. in film. New York Univ. George Amberg Film Study Cent. named in his hon. Fel: Benjamin Franklin fel, Royal Soc. of Arts; Soc. of Cinematologists (pres. 1963); Coll. Art Assn. of Am. Mem: Am. Fed. Film Socs; Am. Soc. for Aesthetics; Creative Film Found; Am. Soc. Theater Res; Theater Libr. Assn; Brit. Film Inst; trustee, Intl. Film Sems, Inc; Soc. Cinematologists, Brit. Film Inst. (pres. 1968).

Biblio: *Der Kritiker Theodor Fontane: ein Beitrag zur Frage des kritischen Wesens und Wirkens* (diss., Cologne, 1930; Eng. trans.); *Theodor Fontane: The Critic* (Heidelberg, New York, 1930); *Art in Modern Ballet* (New York, 1946); *The Theatre of Eugene Berman* (New York, 1947); *Ballet in America: The Emergence of an American Art* (New York, 1949; 1955 5th printing); ed. and auth. of intro, *The New York Times Film Reviews. 1913-70* (New York, 1971); compiled with foreword, *The Art of Cinema: Selected Essays* (New York, 1972); contrib. arts. on art and dance to journals. incl. *Dance News*, *Theatre Arts*, and to encycls. incl. *Encycl. of Arts*, *Encycl. Americana*, *Dance Encycl.*, *Graphis*, *Saturday Rev.* and others. Lit: *Enciclopedia dello spettacolo*; *Dance Encycl.*; *Dict. Am. Scholars* (1969); others. Sources: Hand, News, Pers, Print. — R.F.J.I.

Améry, Jean (fmly. Johannes Mayer), author; b. Vienna 31 Oct. 1912, d. Salzburg, Aus. 18 Oct. 1978 (suicide). R: None. E: 1938 Belg. Cit: Aus. ∞ Married.

Studied hist. of lit. and philos., Univ. Vienna. Assoc. with "Vienna Circle" ("Wiener Kreis") of neo-positivist philos. 1938 emigr. to Belg. because of Jewish fam. background. 1941-43(?) mem. Ger.-speaking group within Belg. resistance movt; partic. in handbill propaganda among Ger. occupation forces. July 1943 arrested and tortured by Gestapo; imprisoned in Auschwitz, Buchenwald and Bergen-Belsen concentration camps; Apr. 1945 liberated, later returned to Brussels. Freelance writer for Ger. lang. press and radio; author. Influenced by Jean-Paul Sartre. Late 1960s literary breakthrough with series of autobiog. essays, in which J.A. reflects on wartime experience in captivity; experiments with critical interpretation of fate and freedom. 1976 created sensation with book *Hand an sich legen*, which makes a case for the right of the individual to commit suicide as an act of protest against the will to live under conditions forced upon the individual by society. Mem: P.E.N. Cent., Fed. Repub. Ger: Aus. P.E.N. (hon. pres.). Recd: Ger. Critics' Award for Lit. (1970); Lit. Award of the Bavarian Acad. of Fine Arts (1972); Lessing Award of the City of Hamburg and Award of the City of Vienna for Journalism (both 1977).

Biblio: *Geburt der Gegenwart: Gestalten und Gestaltungen der westlichen Zivilisation seit Kriegsende* (Olten, Freiburg/Breisgau, 1961); *Gerhart Hauptmann: Der ewige Deutsche* (Mühlacker, Württemberg, 1963); *Jenseits von Schuld und Sühne: Bewältigungsversuche eines Überwältigten* (Munich, 1966); *Über das Altern: Revolte und Resignation* (Stuttgart, 1968, 1969); *Unmeisterliche Wanderjahre* (Stuttgart, 1971); *Widersprüche* (Stuttgart, 1971); *Lefeu oder der Abbruch* (Stuttgart, 1974); *Hand an sich legen: Diskurs über den Freitod* (Stuttgart, 1976); for further works see G.V. Lit: Hans Schwab-Felisch, "Die Probe auf das Individuum," *Merkur* (vol. 20, 1966); Hilde Rubinstein, "Bewältigungen des Überwältigten," *Kürbiskern* (vol. 1, 1967); *Über Jean Améry* (Stuttgart, 1977); Beat Schmid, "Aufklärung als Revision und Selbstbehauptung," *Neue Zürcher Ztg.* (vol. 56, 9 Mar. 1979). Sources: Hand, Journ, News, Print. — IFZ.

Amichai, Yehuda (fmly. Ludwig Pfeuffer), poet, novelist; b. Würzburg, Bavaria, Ger. 1924. E: 1936 Pal.

1936 emigr. to Pal. W.W. II serv. with Jewish Brigade, Brit. Army. Late 1940s began to publ. poetry. 1955 publ. first vol. of poetry, *Akshav uveYamin Aherim* (Now and in Other Times) which marked emergence of new school of Hebrew poetry. This and his subsequent vols. of poetry reflected the enormous transformation that had taken place in the Hebrew lang. during W.W. II and War of Independence; its enrichment by new idioms and syntactical elements drawn from new usages. Amichai drew his metaphors from the terminology of technology and law, rather than restrict himself, as did earlier poets, to sacral-phrasing. His knowledge of modern Eng. poetry, its wit, irony, use of understatement and prose phrasing, helped him to adapt new Hebrew lang. to verse. Later publs. incl. poetry; short stories, written in a confessional, reflective, and poetic style; a novel about an Israeli seeking revenge from Germans who par-

ticipated in the extermination of Jews in his native village; a play staged by Habimah; several radio sketches; and trans. of Ger. poetry into Hebrew, and his own poetry into Eng. 1981 recd. Kulturpreis, City of Würzburg (DM 10,000). A: (1981) Jerusalem.

Biblio: *Akshav uveYamin Aherim*, poetry (Now and in Other Times; 1955); *BeMerhak Shetei Tikvoi* (At the Distance of Two Hopes; 1958); *Baginnah haZibburit*, poetry (In the Public Garden; 1959); *Shirim: 1948-1962*, poetry (1963); *Lo meAkshav, Lo miKan* (Not of This Time, Not of This Place; 1963; Eng. trans. 1968); *Mass leNineveh*, play (Journey to Nineveh; 1962; staged by Habimah, 1964); *Paamonim veRakkavot* radio sketch (Eng. trans. Bells and Trains; in *Midstream*, Oct. 1966); *Poems*, trans. from Hebrew by Assia Gutman (1968); trans. 50 poems by — Else Lasker-Schüler (from Ger. into Hebrew, Tel Aviv, 1969); *Amen*, poetry (trans. from Hebrew into Eng. by Amichai and Ted Hughes, New York, 1977). Lit: A. Cohen, *Soferim Ivriyim Benei Zemannenu* (Hebrew Writers of Our Times; 1969); S. Zemach, *Sheti vaErev* (1960); Friend, in S. Burnshaw, eds. *The Modern Hebrew Poem Itself* (1965); M.L. Rosenthal, "Hebrew, Arabic, and Death," rev. of *Amen in The New York Times Book Rev.* (July 3, 1977). Sources: News, Print. — R.F.J.I.

Amir, Yehoshua (until 1951 Hermann Neumark), translator, senior lecturer in Jewish philosophy; b. Duisburg, Rhineland, Ger. 1 Dec. 1911. R: Jewish. E: 1939 Pal. Cit: Isr, fmly. Ger. F: Manasse Neumark, b. Posen, Ger. (Poznan, Pol.) 1875, d. Theresienstadt concentration camp Nov. 1942, Jewish, Dr. phil, rabb. dipl, rabbi, mem. Demokratische Partei and C.V. B'nai B'rith lodge pres, K.K.L. fundraiser, 1942 deported to Theresienstadt concentration camp. M: Martha, b. Posen 1877, d. Duisburg 1924, Jewish, educ. teachers' sem. S: Eva Frank, b. Duisburg 1907, grad. Gewerbesch, 1939 to U.K., 1965 to Isr, mem. Kibb. Kefar haNassi; Yisrael (Ernst) Neumark, b. Duisburg 1913, Dr. phil, 1936 to Pal, mem. Kibb. Hazorea, worker in citrus orchard; Ruth Schaal, b. Duisburg 1915, grad. home econ. sch., 1940 to Pal. illegally, home econ. teacher, retired. ∞ 1951 Margalith Lissauer, b. Amsterdam 1918, Jewish, sec. educ, during W.W. II in hiding in Neth, 1947 to Pal, occasional jobs. C: Josef de Miranda (stepson), b. Amsterdam 1942, took course in Gestalt therapy, Sociall Akad, Amsterdam, 1947 to Pal, 1963 to Neth, therapist; Gideon Amir (stepson), b. Biaricum, Neth. 1946, 1947 to Pal, M.Sc. computer scientist; Rivka Greenspan, b. Jerusalem 1952, educ. Teachers' Sem, Ulpan, teacher, 1978 to U.S.; Yehoyada Amir, b. Jerusalem 1954, student, Hebrew Univ, youth leader.

1928-34 mem. Bund Jüdischer Pfadfinder, Duisburg, later Berlin. Att. Sch. der jüdischen Jugend, Berlin. 1930-31 att. Univ. Bonn, 1931-33 att. Univ. Berlin, denied permission to complete dr. thesis there. 1933-37 att. Univ. Würzburg; 1937 Dr. phil. Concurr. 1931-39 att. L.(H.)W.J., att. Bible classes of → Martin Buber, occasional preaching in Jewish congs, gave priv. Hebrew lessons, 1939 rabb. dipl. concurr. 1931-33 mem. S.P.D., 1934-39 mem. Hechaluz. Oct. unable to obtain student cert to Pal. (Brit. consulate in Berlin closed); travelled to It. with help of Palästina-Amt, obtained visa to Pal. from U.K. consulate in Rome. Nov. 1939 emigr. to Pal. on B-III cert, supported for several mos. by loan from H.O.G.; extended on strength of anticipated Haavarah funds which never arrived; att. course sponsored by H.O.G. for elem. sch. teachers who arrived in Pal. without valid teaching certs. 1939-47 gave priv. Hebrew and Ger. lessons. 1941 vol. for Brit. Army, after few weeks dismissed on med. grounds. 1942 joined Haganah, released for med. reasons. 1943 several mos. arch. work in Zionist Arch. 1947 serv. Mishmar HaAm (civil defense). 1947-49 serv. I.D.F.; 1949-56 serv. I.D.F. reserves. Concurr. 1949-63, 1965-66 Hebrew teacher, Ulpan Etzyon, Jerusalem; 1963-65 taught Gr, Haifa Univ. Inst. From 1965 sr. lect. in Jewish philos. and classical studies, Tel Aviv Univ. Concurr. 1970- part time lect, Hebrew Univ.; 1970- part time rabbi, Emet veEmunah Syn; 1973-75 part time lect, Beersheba Univ.; 1975-76 vis. prof. for Jewish subjects, Gesamthochsch, Duisburg; Nov. 1978 gave series of pub. lects, sermons, etc. at ceremonies com-

memorating Kristallnacht. 1979–80 prof, Hochschule für Jüdische Studien, Heidelberg. Res. and writing on Hellenistic Judaism, esp. on Philo of Alexandria. Recd: Tschernikowski Prize of Tel Aviv Munic. (1971) for trans. of Rosenzweig's *Stern der Erlösung* (see *Biblio.*). A: (1979) Jerusalem.

Biblio: Trans. several essays of → Yohanan (Hans) Lewy from Ger. into Hebrew, coll. appeared as *Olamot Nifgashim* (World Encounters; Jerusalem, 1960); trans. Yochanan Lewy, *Philo Judaeus, Philosophical Writings* (Oxford, 1956; *Ketavav haFilosofiyim shel Philon* [Tel Aviv, 1964]); trans. → Martin Buber, *Königtum Gottes (Malhut Shamayim)* (Jerusalem, 1965); trans. Georg Kerschensteiner, *Die Seele der Erzieher (Nesfesh haMehaneh uBaayit Hakhsarot haMorim)* (Jerusalem, 1965); trans. Salo Baron, *Social and Religious History of the Jewish People (Hitoriyah Havrutit veDatit shel Am Yisrael)*; vol. 2, part 7; Tel Aviv, 1966); trans. Franz Rosenzweig, *Stern der Erlösung (Kohav ha Geullah)* (Jerusalem, 1970); trans. → Ismar Elbogen, *Der Jüdische Gottesdienst (Ha Tefilah beYisrael beHipathutah haHistorit)*; ed. → Joseph Heinemann, Tel Aviv, 1972). *Sources:* Hand, Qu. — R.F.J.I.

Amiran, David, prof. of geography and university vice president; b. Berlin 1910. E: 1935 Pal. ∞ Ruth, b. 1914, field archaeologist, Isr. Mus, Jerusalem, mem. Hazor and other expeditions, publ. *Ancient Pottery of the Holy Land* (1970), co-auth, *Hazor* (3 vols, 1958–61).

Att. Univ. Bern, Switz; 1935 Dr. phil. nat. 1935 emigr. to Pal. 1935–libr. geology dept, Hebrew Univ, 1949 lect. geog, 1952 sr. lect, 1956 assoc. prof, 1963 prof, 1965–68 univ. v. pres. Concurr: W.W. II off. in Royal Engrs; 1946–47 assist. to chief, div. of climate, Pal. Meteorol. Serv; 1956–59 dir. Res. Coun. of Isr, and Negev Inst. for Arid Zone Res, Beersheba. 1960 vis. prof, Univ. Chicago. Mem: Intl. Geog. Union's Commn. on Man and Environment (acting chmn. 1962–68). Recd: Isr. Prize (1977). A: Jerusalem.

Biblio: *Geographical Conversion Tables* (Zurich, 1961); ed. (for U.N.E.S.C.O.), *Land Use in Semi-arid Mediterranean Climates (Arid Zone Res, vol. 26, Paris, 1964)*; *Report on the Census of Industry and Crafts* (Jerusalem, 1964); "A New Application of Hypsographic Colours in Map Reproduction" in D. Nir, *Geomorphological Map of the Judean Desert* (Jerusalem, 1965); *Development Towns in Israel* (Jerusalem, 1969); dir. compilation of *Atlas of Israel* (Hebrew ed. 1956–64; Eng. ed. 1970); co-ed, *Coastal Deserts* (Tucson, Ariz, 1973); co-ed, *Urban Geography of Jerusalem* (Berlin, 1973). *Sources:* Hand, Pers, Print. — R.F.J.I.

Anbar, Michael, dir. of scientific institutes, prof. of chemistry; b. Free City of Danzig (Gdansk, Pol.) 29 June 1927. E: 1933 Pal, 1967 U.S. F: Jehoshua. M: Chava Migdal. ∞ 1953 Ada Komet. C: Ran; Ariel.

1933 emigr. to Pal. 1948–50 serv, Isr. Air Force. 1950 M.Sc., Hebrew Univ, 1953 Ph.D. in phys. organic chem. 1953–55 post-dr. fel. and instr. of chem, Univ. Chicago. 1955–67 mem. staff, Weizmann Inst. Sci, Rehovot, Isr: 1955 sr. sci, 1960 prof. Feinberg Grad. Sch; concurr. 1956–59 dir, Radioisotope Train. Cent, Rehovot. 1959(61?)–66 mem. staff, Isr. A.E.C. Res. Lab: 1959 head, dept. of radiation res. at Sorek Nuclear Res. Cent, 1962 head, chem. div: 1958 mem, Isr. deleg. to Geneva Conf. on Peaceful Use of Atomic Energy; 1959 mem. Isr. deleg. to Saclay Intl. Sem. on nuclear educ; 1963–64 res. assoc, Argonne Nat. Lab, Argonne, Ill; 1964–65 vis. prof. chem, Stanford Univ. 1966–67 vis. prof. of inorganic chem. Tel Aviv Univ. 1967 emigr. to U.S. 1967–68 sr. res. assoc. exobiol. N.A.S.A. Ames Res. Cent. 1968– dir. of phys. sci, Stanford Res. Inst. Res. in mechanisms of organic and inorganic redox and substitution reactions (esp. hypohalites, trivalent copper, chloramines, hydrogen peroxide; radiation chem. and molecular radiobiol, mechanisms of somolysis of water). Mem: Am. Chem. Soc; Chem. Soc. of London; Faraday Soc; Isr. Radiation Res. Soc; Sigma Xi; others. Recd: Kuppas Holim Mayer Prize in thyroid physiol. (1959); Meir Award (1960); Hermann Zondek Award in endocrin. Isr. Med. Assn. (1962?). A: Menlo Park, Calif.

Biblio: "HaEstrim a Hipohalitiyim" (diss, Jerusalem [?], 1953[?] – summary in Eng.); *HaVaadah LeEnergyah Atomit* (Rehovot, 1962); co-auth, *Reactions of Hydrogen Atoms with Isopropanol in Irradiated Aqueous Solution* (Yavne, Isr, 1964); co-auth, *The Hydrated Electron* (New York, 1970); co-auth, *Possible Utilization of Organic Polyphosphonates in Restoration of Teeth* (Menlo Park, 1972); co-auth, *Selected Specific Rates of Reactions of Transients from Aqueous Solution* (Washington, D.C., 1973); num. arts. in sci. journs. *Sources:* Hand. — R.F.J.I.

Anders, Günther (fmly. Günther Stern), author; b. Breslau, Lower Silesia, Ger. (Wroclaw, Pol.) 12 July 1902. R: Jewish. E: 1933 Fr, 1936 U.S., 1950 Aus. Cit: 1951 Aus, fmly. until 1933 Ger, then cit. revoked, 1933–49 stateless, 1949 U.S. F: → William Stern. M: Clara Josephy, b. 1877, d. 1945. 1934 to U.S. S: Hilde Marchwitz, b. 1900, d. 1961, 2nd marriage to → Hans Marchwitz; *Eva Michaelis, b. 1904, soc. worker, journ, 1938 to Pal, U.K., 1945 to Pal, 1938–45 dir. of Cent. Youth Aliyah Off, London, rep. Jewish Agcy. for Youth Aliyah London, fdr. and co-fdr. of children's villages in Pal, Isr. ∞ I. → Hannah Arendt; II. *Elisabeth Freundlich, b. 1910, Dr. phil, journ, auth, 1938 to Switz, Fr, 1940 to U.S., 1950 to Aus, co-fdr. of Liga für das geistige Österr, mem. P.E.N.-Club Aus.

1918–24 studied philos, psych. and art hist, Univs. Hamburg and Freiburg/Breisgau under Edmund Husserl, → Ernst Cassirer and Martin Heidegger, among others; 1924 Dr. phil. 1924–33 freelance auth. and journ. in Berlin and Paris. Contrib. to newspapers incl. *Vossische Zeitung* and var. broadcasting stations. Mar. 1933 emigr. to Fr; lived in Paris. Worked as priv. teacher. 1936 emigr. to U.S.; until 1939 in New York. 1939–42 in Los Angeles. During W.W.II temp. work, O.W.I. 1949 univ. lect. in philos, New School for Social Research, New York. Contrib. to exile journs. *Die Sammlung, Aufbau, Deutsche Blätter, Recherches Philosophiques*, Paris (1934–36); *Journ. for Philos. and Phenomenological Res*, Buffalo (1943–50), *Commentary*, New York and *Neue Rundschau*, Stockholm. 1950 moved to Aus, in order to partic. in the post-W.W.II intellectual reconstruction of Eur. Contrib. to broadcasting stations and to newspapers and periods. incl. *Süddeutsche Zeitung, Merkur* and *Argument*. Co-initiator of movt. against atomic arms, and judge on Russell-Tribunal in Stockholm and Copenhagen. 1977 freelance auth. in Vienna. Novelist, lyric poet, author of fables, and translator of English works. Cultural-philosophical writings deal with contemporary problems such as historical ramifications of atomic war. Mem: P.E.N. Club (1955); Acad. of Arts, W. Berlin (1971). Recd: Prize of Querido Publ. (1936); Premio Omega (1961); Ger. Critics' Prize (1968).

Biblio: Auth. of num. works incl. *Die Rolle der Situations-kategorie im Logischen* (diss, Freiburg/Breisgau, 1924); *Der Hungermarsch* (Amsterdam, Querido, 1936); *Pathologie de la Liberté* (Paris, Boivin, 1936); *Kafka — pro und contra* (1951); *Die Antiquiertheit des Menschen*, 2 vols. (1956–80); *Der Mann auf der Brücke* (1959); *Gespräche mit Brecht* (1960); *Off limits für das Gewissen* (1961); *Bert Brecht* (1962); *Wir Eichmannsöhne* (1964); *Philosophische Stenogramme* (1965); *Die Schrift und der Wand* (1967); *Der Blick vom Turm* (1968); *Der Blick vom Mond* (1970); *Endzeit und Zeitenwende* (1972); also num. additional unpubl. mss; for further biblio. see *Intl. Biblio. Papers*: see Spalek. Lit: B. Nordmeyer, *Zeitgenossen: Biographische Skizzen* (1966); Spalek/Strelka, *Exilliteratur*. *Sources:* Hand, Qu. — Ifz.

Andresen, Kurt Heinrich, chemical engineer, physical chemist; b. Kassel, Hessen-Nassau, Ger. 21 Feb. 1910. E: 1936 U.S. Cit: U.S. ∞ 1947. C: One child.

1933 Dipl. Ing., 1935 Dr. Ing. in phys. chem, T.H. Berlin. 1933–35 assist, T.H. Berlin. 1935–36 chem. engr, Julius Pintsch A.G. 1936 emigr. to U.S. 1936–37 jr. res. assoc, Stanford Univ. 1937–39 instr, Pennsylvania State Univ, College Park. 1939–44 petroleum engr, Case, Pomeroy and Co. 1944–47 petroleum engr, S. Pennsylvania Oil Co. 1947–57 rose from sr. res. engr. to group leader, Carter Oil Co, Okla. 1957–63 chief reservoir engr, Iranian Oil Exploration and Prod. Co, Iran. 1963–66 engr. and

econ. consult, Standard Oil Co, N.J. 1967–69 prof. of chem. engr, Pennsylvania State Univ. 1969– prof. of chem. engr, Beaver County Community Coll, Glenside, Pennsylvania. Invest. secondary recovery methods of petroleum prod. and var. aspects of planning and operating of oil prod. and flow. Mem: Am. Inst. Mining, Metall. and Petroleum Engrs. A: Freedom, Penn.

Biblio: Untersuchungen über die Spaltvorgänge von normalen Paraffin-Kohlenwasserstoffen unter Druck (diss, T.H. Berlin: publ. Berlin, 1937). *Sources: Hand, Print.* — R.F.J.I.

Andrian-Werburg, Leopold von, writer and poet; b. Vienna 9 May 1875, d. Freiburg, Switz. 19 Nov. 1951. *E: 1938 Switz, 1939 Fr, 1940 Braz, 1945 Eur. Cit: Aus, Liechtenstein. F: Ferdinand von A, b. 1835, d. 1914, Ministerialrat. M: Cäcilie Meyerbeer, b. 1836, d. 1931. S: Gabriele, b. 1870. ∞ I; II (after 1945).*

Att. Jesuit sch. in Kalksburg. Studied law, Univ. Vienna; Dr. jur. 1899 entered dipl. serv. Assignments in Athens, Rio de Janeiro, Buenos Aires, St. Petersburg and Bucharest. 1912–14 consul-gen. in Warsaw. 1914 evacuated, then extraordinary envoy to Ger. Comdr.-in-Chief East. 1916 mem. staff, sect. for Pol. problems in Vienna. Expert at peace conf. of Brest-Litovsk. July 1918 Genralintendant of court theaters in Vienna. After 1918 temp. in Liechtenstein, later in Altaussee, Aus. 1938 emigr. to Switz, 1939 to Fr, 1940 to Braz. via Port. 1945 ret. to Eur. Mem. of circle around Stefan George, and from 1894–1901 collab. on journ. *Blätter für die Kunst*. Mem. of group, Young Vienna. Friendship with Hugo von Hofmannsthal and Hermann Bahr.

Biblio: Der Garten der Erkenntnis (Berlin, 1895; rev. ed. Frankfurt/M, 1970); *Das Fest der Jugend* (Berlin, 1919); *Die Ständeordnung des Alls: Rationales Weltbild eines katholischen Dichters* (Munich, 1930); *Österreich im Prisma der Idee: Katechismus der Führenden* (Graz, 1937); contrib. to *Hugo von Hofmannsthal: Die Gestalt des Dichters im Spiegel der Freunde*, H.A. Fiechtner, ed. (Vienna, 1949); *Leopold von Andrian und die Blätter für die Kunst*, Walter H. Perl, ed. (Hamburg, 1960); *Hugo von Hofmannsthal, Leopold von Andrian, Briefwechsel*, Walter H. Perl, ed. (Frankfurt/M, 1968); *Gedichte*, Walter H. Perl, ed. (Hamburg, 1972); further biblio. in Georg Peter Landmann, *Stefan George und sein Kreis: Eine Bibliographie* (Hamburg, 1960); Wilpert/Gühring, *Intil. Biblio: Köttelwesch, Biblio. Hand. Lit: Horst Schumacher, "Das Weltbild Leopold Andrians"* (diss, Innsbruck, 1958); *H.d.G.: D.L.L. Arch: Deut. Literaturarch, Marbach/N. Sources: Hand.* — IfZ.

Angeluschew, Boris (also Angelusheff; pseud. 1924–33 Bruno Fuk or Fuck); caricaturist, commercial artist, painter, book illustrator, film illustrator, poster designer; b. Plovdiv, Bulg. 25 Oct. 1902, d. Sofia, Bulg. 24 Aug. 1966. *E: 1933 Switz, 1935 C.S.R., 1935 Bulg. Cit: Bulg. F: Dimitar, dec. teacher. M: Genia, dec. teacher. S: Schiwko, surgeon, 1933 to Switz, Fr, U.S.S.R.(?), 1941 to U.S. ∞ Gerda Glocke, lect. at theater inst. in Sofia, 1933(?) to Switz, 1935(?) C.S.R., Bulg.*

1923 partic. in Bulg. revolt. 1924 emigr. to Ger. 1924–29 studied with Profs. Spiegel and Meid at United State Schs. for Fine and Applied Art, Berlin. Studied work of Käthe Kollwitz, → George Grosz and Franz Masereel. Joined K.P.D. 1925–33 under pseud. Bruno Fuk (Fück; also BF, f, GA), illus. and caricatures, incl. satiric picture series and polit. caricatures for K.P.D. publs. incl. *Der Knüttel, Die rote Fahne, Der Rote Pfeffer, Welt am Abend, Arbeiter-Illustrierte Zeitung (A.I.Z.)*. Revolutionary graphics for the Agitprop Div. of the Cent. Comm. of the K.P.D. incl. posters. Illus. for → Wieland Herzfelde's Malik Publ. Co. and Publ. Co. of Jugend-Internationale. 1928 mem. A.R.B.K.D. 1933 emigr. to Switz. illegally. 1933–35 contrib. to *Nebelspalter, Büchergilde Gutenberg* and other journs. 1935 emigr. to C.S.R. Contrib. illus. and caricatures to *Simplicius (Der Simpli), A.I.Z., Der Gegen-Angriff*. Autumn 1935 returned to Bulg. Joined group, New Artists. 1941 and 1944 partic. in "Allgemeine" and "Front und Hinterland" exhibitions; also 1949 displays of caricature, book illus.

trations and Bulgarian placards. 1944 partic. in the "people's revolution" and contrib. posters and illus. 1945(?)–66 contrib. illus. and caricatures to the newspapers *Otechestven Front, Rabotnichesko Delo, Starchel and Literaturny Front*. Illus. works by → Thomas Mann, → Anna Seghers, Victor Hugo, Jean Louis Aragon, Andersen, Milew and Wasow. Produced cycle of paintings on the hist. of Bulg. Recd: Dimitrov prize (1951, 1964); People's Artist (1962); Order of Georgi Dimitrov, Order of Kiril and Metodi; many prizes for book illus, book design and appl. graphics. *Illustrations: Rosa Leviné, Aus der Münchner Rätezeit* (Berlin, 1926); Leonid Ivanovič Penteliev, *Die Uhr* (1931; 2nd ed. 1949; Berlin); Lisa Tetzner, *Fotbollen (Der Fussball)*, Berlin, 1932(?); 2nd ed. Stockholm, 1946); Maria Leitner, *Wehr dich Akato!* (Berlin, 1932); others. *Exhibitions: 15th General Art Exhib, Sofia (1941); Front and Hinterland (1945); Exhibs. of Caricature, Book Illus. and Bulg. Posters, Sofia (all 1949); Retrospective in Sofia (1970 and 1975); Retrospective of Ger. Period in Berlin (1975).*

Lit: Ernst Jazdzewski, "Bruno Fuk – Ein Meister der revolutionären Grafik," Bildende Kunst (no. 1, 1959); T. Mangow, B.A. (Sofia, 1961); Todor Mangow, "B.A.," *Bildende Kunst* (no. 4, 1963); Fritz Duda "Ein grosser Künstler und aufrechter Kämpfer," *Bildende Kunst* (no. 8, 1967); Vladimir Svintila, B.A. (Sofia, 1969; Ger. trans. 1969); K.I. Wendland, "Sein Werk hielt vom Tag das Bleibende fest. B.A. Ausstellung in Berlin," *Neues Deutschland* (Nov. 8/9, 1975); *Vollmer* (vol. 5, 1961); Olbrich, *Künstler im Exil: Realismus und Revolution*, cat. *Sources: Hand, News, Journ, Pers, Print.* — IfZ.

Angress, Werner Thomas, prof. of history; b. Berlin 27 June 1920. *R: Jewish. E: 1937 U.K., 1938 Neth, 1939 U.S. Cit: 1943 U.S. fmly. Ger. F: Ernst Hermann A, b. Berlin 1883, d. Auschwitz concentration camp 1944(?), Jewish, sec. educ, banker, mem. D.V.P., 1937 to U.K., 1938 to Neth, Apr. 1941 deported to Ger. M: Henny Delby-Angress née Kiefer, b. Berlin 1892, Jewish, sec. educ, 1937 to U.K., 1938 to Neth, remarried, 1947 to U.K. S: Fred P, b. Berlin 1923, sec. educ, emigr. to U.K. and Neth. with parents, 1947 to U.S. bookkeeper, a: San Francisco; Herbert H, b. Berlin 1928, emigr. to U.K. and Neth. with parents, real estate agent, a: Bloomfield, Calif. ∞ I. 1953 Ruth Klueger, b. Vienna 1931, 1943 interned with mother in Theresienstadt concentration camp, 1944 to Auschwitz concentration camp, 1945 to U.S. Ph.D. in Ger. lit, chairperson, Ger. dept, Univ. Virginia, 1962 div; II. 1964 Mildred Ruth Rapp, b. New York 1941, Jewish, B.A., M.A., secy, teaching assist, div. C: Percy G, b. 1954, coll. educ; Dan R, b. 1957, coll. educ; Miriam L, b. 1965; Nadine M, b. 1968.*

1930–36 att. Gym. 1933–34 mem. Jüdischer Jugendbund Schwarzes Fähnlein. 1936–37 agric. training at Gross-Breesen. 1937 emigr. to U.K. via Neth. on vis. permit. 1938 emigr. to Neth; cont. farm training at Werkdorp Wieringerwaard; Gross-Breesen arr. for settlement in U.S. 1939 emigr. to U.S. on agric. non-quota visa; recd. aid from J.D.C. 1939–41 work on cooperative farm, Hyde Farmlands, Virginia. 1941–45 serv. U.S. Army in Eur; rose to master sgt, interrogated P.O.W's. Milit. awards: Bronze Star; Purple Heart; Combat Infantry Badge, Parachutist Badge and others; mem. of reserve until 1951. 1945–49 att. Wesleyan Univ, Middletown, Conn; 1949 B.A., Phi Beta Kappa. 1949–53 studied hist, Univ. California, Berkeley; 1950 M.A.; 1953 Ph.D. 1954–55 Ford. Found. instr, Wesleyan Univ. 1955–63 mem. fac, dept. of hist, Univ. California, Berkeley; 1955 instr. of mod. Eur. hist, 1956 lect, 1957–63 assist. prof. 1963– mem. fac, dept. of hist, S.U.N.Y., Stony Brook; 1963 assoc. prof, 1969– prof. 1972–74 mem. ed. bd, *Cent. Eur. Hist.* 1975 att. scholarly meeting as guest of Fed. Repub. Ger. Known for res. on the German revolutions of 1918–19, the relationship between German Army officials and Jewish reserve officers in Wilhelmian Germany and Weimar Germany. Mem: L.B.I. (fel. 1968; mem. bd. of dirs. 1976); Am. Hist. Assn. (mem. conf. group of Cent. Eur. Hist.); N.A.A.C.P. Recd: Am. Philos. Soc. travel grant (1969–70); S.U.N.Y. Chancellor's Award for excellence in teaching (1975). A: (1980) Port Jefferson, New York.

Biblio: "The German Government and the Communist Uprisings" (diss, Berkeley, 1953); "Weimar Coalition and Ruhr Insurrection, March–April 1920: A Study of Government Policy," *Journ. of Mod. Hist.* (vol. 29, no. 1, Mar, 1957); *Stillborn Revolution: The Communist Bid for Power in Germany, 1921–23* (Princeton, N.J., 1963; Port Washington, N.Y., 1973; Ger. ed. 1973); *Juden im politischen Leben der Revolutionszeit*, monograph in *Deutsches Judentum in Krieg und Revolution, 1916–23* → Werner E. Mosse and → Arnold Paucker, eds. (Tübingen, 1971); "Prussia's Army and the Jewish Reserve Officer Controversy Before World War I," *L.B.I.Y.B.* (no. 17, London, 1972, repr. in James J. Sheehan, ed. *Imperial Germany* [New York, 1976]); "Das deutsche Militär und die Juden im Ersten Weltkrieg, Dokumentation," *Militärgeschichtliche Mitteilungen* (vol. 19, no. 1, Jan. 1976); contrib. other arts. to prof. journs. and chaps. to books; biblio. to 1978 in R.F.J.I. archs. **Sources:** Hand, Print, Qu. — R.F.J.I.

Anker, Alfons, architect; b. Berlin 1872, d. Stockholm 1958. *E:* 1937 Swed.

Student, then assist. T.U. Berlin. 1924–37 archit. with brothers Wassili and Hans Luckhardt, Berlin, with whom A.A. dev. concepts for exp. settlements in Berlin-Dahlem, Leipzig-Gohlis and other cities; also designed construction and remodeling of cml. bldgs. incl. 1925 Taentzienstrasse, 1929 Potsdamer Platz and 1929 plans for rebuilding Alexanderplatz in Berlin. Also designed one-family and row houses, incl. 1928 a grouping at Rupenhorn, Berlin, 1930 Haus Kluge, Berlin and 1932 houses in Velten, Berlin and Berlin-Lankwitz. Mem. Bund Deutscher Architekten (B.D.A.). 1930 co-ed. with Luckhardt brothers, *Zur neuen Wohnform*. Berlin. 1933 exhib. on bldg. at Ausstellungshaus, Berlin. Expelled from R.K.B.K.; persecuted for racial reasons. 1937 emigr. to Stockholm.

Biblio: Co-auth. *Zur neuen Wohnform* (Berlin, 1930). *Lit:* Müller-Wulckow, *Architektur*; Udo Kultermann, *W. und H. Luckhardt* (Tübingen, 1958); *Tendenzen der zwanziger Jahre*, cat. (Berlin, 1977); Dresslers (il. 1930). **Sources:** Hand, Print. — 1fz.

Anker, Herbert S(alomon), prof. of biochemistry; b. Danzig, W. Prussia, Ger. (Gdansk, Pol.) 16 Aug. 1912, d. Chicago 18 May 1976. *R:* None. *E:* 1938 Switz, 1939 Fr, 1941 U.S. *Cit:* 1945 U.S. fmly. Free City of Danzig. *F:* Arthur A, b. Wormditt, East Prussia, Ger. (U.S.S.R.). 1877, d. U.S. 1941, Jewish, businessman, 1938 to U.S. *M:* Helene Raczinski, b. Berlin 1887, d. U.S. 1972, Jewish, 1938 to U.S. *S:* Frank J, b. Danzig 1914, 1938 to U.S. businessman; Rudolf M, b. Danzig 1917, d. U.S. 1959, Ph.D. in chem, 1947 to U.S. prof. of biochem; Kurt J, b. Danzig 1919, 1938 to U.S. att. law sch, atty. ∞ Il. 1960 Dorothy Goldberg, b. New York 1928, M.A. instr. at Erickson Inst. for Early Childhood Educ. *C:* Martin R, b. 1948, economist; Wendy A, b. 1952, M.A. psychologist; Anthony L, b. 1962.

1932–36 att. Univ. Freiburg/Breisgau. 1936–38 att. Univ. Vienna. 1938 emigr. to Switz. 1939 Dr. med, Univ. Basel. 1939 emigr. to Fr. on vis. visa, interned. 1941 emigr. to U.S. Assist. by rels. 1941–45 att. Columbia Univ.; 1942–43 fel.; 1943 Ph.D. in biochem; 1943–45 post-doctoral fel. and res. assist. 1948–76 mem. fac, dept. of biochem, Univ. Chicago: 1945 instr, 1948 assist. prof, 1955 assoc. prof, 1959 prof. Res. in fat metabolism and protein synthesis. Mem. Sigma Xi; Am. Soc. Biol. Chem; Biophys. Soc; Am. Chem. Soc.

Biblio: *Die traumatischen Frakturen des Processus coracoideus scapulae* (diss, Univ. Basel, 1939; publ. Mulhouse, Ger. 1939); "The Action of Platinum on Cholesterol in Acetic Acid Solution" (diss, Columbia Univ, 1944; publ. as a co-authored art, "The Action on Cholesterol in Acetic Acid Solution" in *The Journ. of Am. Chem. Soc.* [vol. 66, 1944]); contrib. more than 40 arts. to sci. journs. *Papers:* Mrs. Herbert Anker, c/o Dr. Erin Novick, 3960 Blanton Rd, Eugene, Ore. 97405; Dr. Don Steiner, Dept. of Biochem, Univ. Chicago, Chicago, Ill. 60637; see Spalek. **Sources:** Hand, Print, Qu. — R.F.J.I.

Apel, Hans (fmly. Appelbaum), prof. of economics; b. Konitz, W. Prussia, Ger. (Chojnice, Pol.) 23 Aug. 1895. *R:* Jewish. *E:* 1935 Neth, U.K., 1937 U.S. *Cit:* U.S. fmly. Ger. *F:* Max Appelbaum, b. Berlin 1867, d. Berlin 1910, Jewish, Justizrat. *M:* Ida Schoenlank, b. Posen, Ger. (Poznan, Pol.) 1869, d. Berlin 1935 (?). *S:* → Willi Apel; Lotte Appelbaum, b. 1897, d. in Holocaust ca. 1939/40. ∞ 1921 Toni Werner, b. Posen 1899, Jewish, d. Boston 1958. *C:* Eva Ruth Meyer, b. Berlin 1922, educ. at Radcliffe Coll, Cambridge, Mass, prof. of phys. therapy, Ann Arbor, Mich.

1912–14 bus. apprentice. 1914–19 serv, Ger. Army. 1919–21 att. Univ. Berlin. 1922–25 bus. clerk. 1925–35 exec, then mem. of bd. dirs, Kantorowicz-Kohlbaum A.G, Berlin, a liquor mfg. firm which changed ownership and was "Aryanized" in 1935; concurr. 1 Apr. 1933 ("Boycott Day") attempt by Nazis to force H.A.'s resignation failed. 1935 dismissed from position. July 1935 emigr. to Neth, U.K.; 1937 obtained visa to Braz. but unable to use it when immigr. was halted; obtained affidavit from friends in U.S.; 1937 emigr. to U.S. 1937–42 factory engr; wife worked as seamstress and fitter. 1942–46 grad. studies, Boston Univ; 1945 Ph.D. 1945–47 rose from lect, instr, to assist. prof. of econ, Boston Univ. 1948–49 assoc. prof, Middlebury Coll, Vt. 1950–61 prof, chmn. dept. of econ, Univ. Bridgeport, Conn, 1961 emer; concurr. 1955 cond. T.V. prog. series *Economics for Everybody*. 1962–67 res. trips to Ger. Dem. Repub. and other Eur. countries; 1972–73 to Bulg. and Gr. Res. on economic systems, fluctuations, forecasting, and inflation; res. based on surveys. A: (1975) Ann Arbor, Mich.

Biblio: "Outline of a Dynamic Theory of Income" (diss, Boston Univ, 1945); "Marginal Cost Constancy and its Implications," *Am. Econ. Rev.* (vol. 38, no. 5, Dec. 1948); *Ohne Begleiter: 287 Gespräche jenseits der Zonengrenze* (Cologne, 1965); *Spaltung – Deutschland zwischen Vernunft und Vernichtung* (Berlin, 1966); *Wehen und Wunder der Zonenwirtschaft* (Cologne, 1966); *D.D.R. 1962–1964–1966* (Berlin, 1967); "Neue Perspektiven im Wettstreit der Systeme," *Frankfurter Hefte* (vol. 29, no. 6 and 7; June/July, 1974); *Umfrage UdSSR und Offener Brief an Andrej Sacharow* (Cologne, 1977); contrib. other arts. to prof. journs. incl. *A.A. U.P. Bull.*, *Am. Econ. Rev.*, *Journ. of Econ. and Sociol. Soc. Res.* **Sources:** Hand, Pers, Qu. — R.F.J.I.

Apel, Willi (fmly. Appelbaum), prof. of musicology, pianist; b. Konitz, W. Prussia, Ger. (Chojnice, Pol.) 10 Oct. 1893. *E:* 1936 U.S. *Cit:* 1944 U.S. For *F, M* and *S* see brother → Hans Apel. ∞ 1928(?) Ursula Siemering.

1912–13 studied math, Univ. Bonn. 1913–14 att. Univ. Munich. 1918–21 studied math, Univ. Berlin; concurr. studied piano with → Leonid Kreutzer, → Edwin Fischer, → Moritz Mayer-Mahr and C.A. Martienssen. 1922–28 math. and music teacher, Freie Schulgde, Wickersdorf. 1928–36 teacher, Luisenstädtisches Gym. and other Gymnasien, Berlin. 1936 Dr. phil, Univ. Berlin. Contrib. to music periods; gave piano recitals and broadcast lects. 1936 emigr. to U.S. 1936–43 teacher at Longy Sch. of Music, Cambridge, Mass; concurr. 1938–42 lect, Harvard Univ. and Radcliffe Coll. 1937–50 lect, Boston Sch. for Adult Educ. 1950–63 prof. of music, Indiana Univ, Bloomington, 1963– prof. emer. Summer 1958 guest prof, Univ. Heidelberg and Freie Univ, W. Berlin. Best known for work in music notation, the hist. of the keyboard and medieval music. Fel: Medieval Acad. of Am. Mem: Am. Musicol. Soc; Intl. Ges. für Musikwiss. Hon. mem: Mark Twain Soc. A: (1975) Ladis, Tir-ol, Aus.

Biblio: *Die Fuge*, 2 vols. (Berlin, 1932); *Musik aus früher Zeit* (Mainz, 1934); *Accidentien und Tonalität in den Musikdenkmälern des 15. und 16. Jahrhunderts* (diss, Berlin, 1936); ed, *Concord Classics of the Piano* (Boston, 1938); *The Notation of Polyphonic Music, 900–1600* (Cambridge, Mass, 1942; 5th ed. 1961; Ger. trans. Leipzig, 1962); ed, *The Harvard Dictionary of Music* (Cambridge, Mass, 1944; 2nd ed. 1969); co-ed, *Historical Anthology of Music*, 2 vols. (Cambridge, Mass, 1946–50; rev. eds. 1949, 1950–54); *Masters of the Keyboard* (Cambridge, Mass, 1947); *Gregorian Chant* (Bloomington, Ind, 1958); *Geschichte der Orgel- und Klaviermusik bis 1900* (Kassel, 1967).

Also num. arts. in Am. and Eur. journs. and festschriften; for list see: Cl. G. Rayner in H. Tischler ed, *Essays in Musicology* (Bloomington, 1968); list of works and biblio. in *M.G.G.* (vol. 15). *Lit.*: See Festschrift mentioned in Biblio. Arch: Perf. Arts Res. Cent, Lincoln Cent, New York. Sources: Arch, Hand, Pers, Print. — R.F.J.I.

Apsler, Alfred, author of books for young readers, prof. of history; b. Vienna 13 Nov. 1907. R: Jewish. E: 1938 Switz, 1939 U.S. Cit: 1943 U.S. F: Hermann A, b. Vienna, d. in Holocaust, Jewish, acct. M: Helene Pasternak, b. Sokolov, Russ. Pol. (U.S.S.R.) 1880, d. 1941 in Holocaust, Jewish. ∞ 1936 Ernestine Gerson, b. Mikulovice, Aus. Silesia (C.S.R.) 1912, Jewish, 1937 Dr. med, prof. of human anat, 1938 to Switz, 1939 to U.S. C: Robert K, b. Portland, Ore. 1943, Ph.D. Univ. California, res. psych; Ruby Mal, b. Longview, Washington 1946, grad. studies, U.S. fgn. serv. off.

1926–30 att. Univ. Vienna, 1930 Ph.D. Concurr: 1927–29 Pädagogisches Inst. Vienna, 1929 cert; 1926–30 dist. leader Kinderfreunde; mem. Cent. Comm, Rote Falken. 1930–34 journ, *Arbeiterztg*, Vienna. Concurr: 1929–34 lect, trainer of librs. and youth leaders, Sozialistisches Bildungswesen; 1930–34 consult. on lit, Arbeiterbildungszentrale. Freelance writer and lect, Vienna. 1932 passed state teaching exam. 1933–38 elem. sch. teacher, Vienna and Graz; dismissed. Sept. 1938 emigr. to Switz. with wife; recd. aid from Jewish cmty; contrib. arts. to local newspapers. Nov. 1939 emigr. to U.S. Some aid from H.I.A.S.; retrained, Columbia Univ. Libr. Sch. 1940–43 libr, Duke Univ, N. Car. 1943–46 high sch. teacher in Portland, Ore. 1946–56 prof, Lower Columbia Coll, Longview, Wash. 1956–73 with Clark Coll, Vancouver, Wash: Prof. of hist, chmn. of soc. sci. div, 1971– dir. of educ. activities, gerontol. prog; also prof. of polit. sci. Concurr: Freelance writer, T.V. and pub. lect; 1961, 1963 educ. tour dir; taught at colls. incl. Univ. Portland, Portland Cmty. Coll, and East Washington Coll; 1975 lect, Pädagogisches Inst. and Urania, Vienna. Spec. in writing biographies of major historical figures for young people. Mem: A.A.U.P. (pres, Clark Coll. chap. 1957–58); Am. Assn. for U.N. (pres. Vancouver chap. 1957–58); N.W. Hist. Assn; Nat. Educ. Assn; Nat. Assn. of Ret. Teachers (chap. pres.); Optimist Club (pres. 1968); Jewish Fed, Ore. (bd. mem.); Socialist Teachers Assn, Aus. (hon. mem.). Recd: Cert. of Recognition for editorial writing, Freedoms Found. (1952); "Alfred Apsler Day" for work done with sr. cits. A: (1977) Vancouver, Wash.

Biblio: *Northwest Pioneer: The Story of Louis Fleischer* (New York, 1960); *Sie kamen aus deutschen Landen* (New York, 1962); *Fighter for Independence: Jawaharlal Nehru* (New York, 1963, 1966); *The Court Factor: The Story of Samson Wertheimer* (Philadelphia, 1964); *Sun King: Louis XIV of France* (New York, 1965); *Prophet of Revolution: Karl Marx* (New York, 1967); *Iron Chancellor: Otto von Bismarck*, a Junior Literary Guild Selection (New York, 1968); *Introduction to Social Science*, textbook (New York, 1971, 1975, 1980); *Ivan the Terrible* (London, New York, 1971); *Vive De Gaulle* (New York, 1973); *Communes Through the Ages* (New York, 1974); *From Witchdoctor to Biofeedback: The Story of Healing by Suggestion* (New York, 1977); other books; also contrib. many other arts. to newspapers and nat. youth mags. Sources: Hand, Print, Qu. — R.F.J.I.

Aptowitzer, Victor (Avigdor), prof. of Talmud, biblical literature and Jewish philosophy; b. Tarnopol, Galicia, Aus. (Ternopol, U.S.S.R.) 16 July 1871, d. Jerusalem 5 Dec. 1942. R: Jewish. E: 1938 Pal. F: Moshe Aharon Kassner. M: (?) Aptowitzer. ∞ Sophia Dornbaum, deceased, bedridden for 20 yrs. C: (none).

Child prodigy in Talmud; lect. at local syn. Yeshiva educ. 1899 external matriculation at Czernowitz, Bukovina, Aus. (Chernovtsy, U.S.S.R.). 1899–att. Univ. Vienna and 1900–1907 Isr.-Theol. Lehranstalt. Failed to obtain position as pulpit rabbi; gave priv. lessons and became priv. secy. of Abraham Epstein. 1909– mem. fac. of Isr.-Theol. Lehranstalt: 1909 instr,

1912 prof. of Midrash, biblical exegesis, Jewish philos. and later also Talmud; concurr. 1919–38 Talmud teacher, Hebrew Teachers' Coll, Vienna. Cont. to write and teach with the help of student readers and aids despite a 27 yr. battle with progressive blindness. 1938 emigr. to Pal. 1939– Res. Fel. Abroad, Am. Acad. for Jewish Res. Spec. in the analysis of the preservation of early material in later sources, such as the citations of biblical verses in rabbinic writings, ancient midrashic materials in later rabbinic writings, and pro- and anti-Hasmonean arguments in talmudic and pseudoeigraphic literature. A.A.'s major work was his 25-year project of editing and writing commentary and introduction for *Sefer HaRaviah*, a rabbinic compilation of the 13th century. He also publ. 2 collections of studies of gaonic literature.

Biblio: *Das Schriftwort in der rabbinischen Literatur* (5 parts, Vienna, 1906–15; repr. New York, 1970); *Beiträge zur Mosaischen Rezeption im armenischen Recht* (Vienna, 1907); ed, *Sefer HaRaviah*, 4 vols. (Talmudic compilation by Eliezer ben Joel HaLevi; Berlin 1912–38); *Die Syrischen Rechtsbücher und das Mosaisch-talmudische Recht* (Vienna, 1909; 1923 Hebrew ed.); *Kain und Abel in der Agada, den Apokryphen, der hellenistischen, christlichen und muhammedanischen Literatur* (Vienna, Leipzig, 1922); *Parteilichkeit der Hasmonäerzeit im rabbinischen und pseudoepigraphischen Schrifttum* (Vienna, 1927); "Untersuchungen zur gaonischen Literatur," *Hebrew Union Coll. Annual* (vol. 8/9, 1932); *Mehkarim BeSifrut HaGeonim* (Studies in Gaonic Literature; Jerusalem, 1941); also contrib. arts. to prof. journs. esp. *Monatsschrift für die Geschichte und Wissenschaft des Judentums* (M.G.W.J.) and *Hebrew Union Coll. Annual*. *Lit.*: Hebrew necrologies; → S. Krauss, in *Mezudat* (vol. 1, 1943); → Ch. Albeck, in *Moznaim* (vol. 16, 1943); → H. Z. Hirschberg, in *Sefer HaZikkaron LeVeit HaMidrash LeRabbanim BeVina* (mml. vol. for the Vienna Lehranstalt, Jerusalem, 1946); also necrology by S.W. Baron and M. Higger in *Proc. of the Am. Acad. for Jewish Res.* (vol. 13, 1943). Sources: Journ, Print. — R.F.J.I.

Archenhold, Günter Herman, astronomer, astrophysicist; b. Berlin-Treptow 28 Aug. 1904. R: Protestant. E: 1939–40 U.K. F: Friedrich Simon A, b. Lichtenau, Westphalia, Ger. 1861, d. Berlin 1939, 1907 Ph.D. Western Univ. Pennsylvania, Pittsburgh, astronomer, dir. Grunewald Observ, fdr. and 1896–1931 dir. Treptow Observ, Berlin-Treptow. ∞ Married. C: One child.

1922–25 att. Univs. Tübingen and Berlin; concurr. 1924 assist. father at Treptow Observ. 1926–36 at Treptow Observ: 1926–30 mem. staff, 1930 assist. dir, 1931 acting dir. Gave num. lects, presented many photo exhibits and pub. observations, and became assist. ed, *Das Weltall*. 1936 resigned due to status as a "non-Aryan Christian." 1938 vis, Univ. Zurich; Feb. 1938 Dr. phil. 1939–40 emigr. to U.K.

Biblio: Contrib. many arts. on sunspots and related topics to prof. journs. incl. *Astronomische Nachrichten*, *Monthly Notices of the Royal Astron. Soc.*, *Weltall*, and others; for biblio. see *Poggendorff* (vols. 6, 7a). Arch: S.P.S.L.; Emergency Comm. Sources: Arch, Biblio, Print. — R.F.J.I.

Ardon, Mordechai (fmly. Bronstein), artist; b. Tuchov, Galicia, Aus. (Pol.) 13 July 1896. E: 1933 Pal. Cit: Isr, fmly. Pol. F: Sender Bronstein, Jewish (Hassidic), watchmaker, emigr. from Russ. to Pol. M: Elisheva. S: 3 sisters, 4 brothers. ∞ Miriam Bauet. C: One son.

After W.W. I moved to Ger. 1920–25 studied with → Johannes Itten, → Paul Klee, → Wassily Kandinsky and → Lionel Feininger at Bauhaus in Weimar, and Art Acad, Munich in Novembergruppe. Taught at Eaton Art Acad, Berlin. 1926 worked with Max Doerner at Staatl. Kunstakad, Munich, later with Itten. 1933 emigr. to Pal. with tourist, later A-I cert. 1935–52 taught drawing at Bezalel Sch. Arts, Jerusalem, becoming its dir. 1943–52, after death of → Joseph Budko; students incl. Avigdor Arikha and → Naphtali Bezem; concurr. to 1952 lect. in art. 1952–62 artistic adv. to Isr. Min. of Educ. Coll. incl. Tate Gall, London; Mus. of Mod. Art, New York. M.A.'s work

is based upon fusion of the realistic and the abstract, and of the intellectual and the emotional, which may be traced to his background in the Bauhaus and Hassidic traditions. *Exhibitions*: Individual shows incl. Jewish Mus., New York (1948); Passenden Gall, New York (1952); Stedelijk Mus., Amsterdam (1960); Städtische Galerie, Munich (1961); Kunsthalle Recklinghausen, Westphalia (1961); Marlborough Gall, New York (1962); Tel Aviv Mus. (1963); Bezalel Mus., Jerusalem (1963); Miskham Leomanut Mus., EinHarod, Isr. (1963); Marlborough Gall, New York (1967, 1971). Group shows incl. Novembergruppe, Berlin (1928); Seven painters of Isr., Metropolitan Mus., New York (1953); Biennale, Venice (U.N.E.S.C.O. Prize; 1954); Gall. Moderna, Rome (1954); Palais des Isr. Art. B.-A., Brussels (1955); "Isr. Art," Stedelijk Mus., Amsterdam (1955); Bezalel Mus. (1955); Biennale, Venice (1958); "50 Years Modern Art," Brussels (1958); Guggenheim Mus., New York (1960); Musée Nat. d'art moderne, Paris (1960); var. exhibits, New York (1964-68). Recd: Isr. Prize (1964); Dr. phil. h.c., Hebrew Univ. (1974).

Lit: G. Talphus, *Zayyirim be Yisrael* (Painters in Isr.; Tel Aviv, 1954); art. by Carl Katz in *Ariel* (no. 5, Jerusalem, July 1963); M.A. (Haifa, 1963). *Arch*: Isr. Mus., Jerusalem. *Sources*: Arch, Hand, News, Print, Qu. — R.F.J.I.

Arendt, Erich, author; b. Neuruppin, Brandenburg, Ger. 15 Apr. 1903. *E*: 1933 Switz, 1934 Fr and Sp, 1939 Fr, 1942 Col, 1950 Ger. Dem. Repub. *Cit*: Ger. ∞ Käthe (Katja) Hayek, b. Königsberg, E. Prussia, Ger. (Kaliningrad, U.S.S.R.) 1900, translator.

Att. elem. sch, then teachers sem. Thereafter var. jobs incl. bank employee, theater painter, assist. dir, teacher, Karl Marx Sch., Berlin-Neukölln. Num. travels to Switz, Fr. and It. 1926 mem. K.P.D.; 1928 mem. Union of Proletarian-Revolutionary Auths; leader, local br. of Berlin-Neukölln. Publ. in journ. *Der Sturm*. 1933 emigr. to Switz; 1934 to Fr, then Sp. 1936-39 partic. in Sp. Civil War, fighting in Catalan Div. Carlos Marx. 1939 returned to Fr; several times interned. 1942 emigr. to Col; lived in Bogota. Until 1943 secy. of anti-Nazi Movimento pro Libertad; v. pres, Latin Am. Comm. of Free Germany. Collab. ed, *La Libertad*, and publ. poetry in exile journs. *Internationale Literatur*, *Das Wort* und *Freies Deutschland*. 1948 arrested for polit. reasons. 1950 returned to Ger. Dem. Repub. as freelance writer. 1954 deleg. of Ger. Dem. Repub. at intl. P.E.N. cong. 1977 lived in Wilhelmshorst/Potsdam. Poet; co-author with wife of photo documentaries; translator and interpreter of South American literature, esp. of Pablo Neruda. Mem: S.E.D.; Comm. of Cultural Workers, Greater Berlin; Writer's Union of Ger. Dem. Repub. (1953); P.E.N. (1960); Acad. of Arts of Ger. Dem. Repub. (1969). Recd: Nat. Prize IIIrd Class (1952); Trans. Award of Ger. Dem. Repub. (1956); J.R. Becher Prize (1966); others.

Biblio: *Héroos: Narraciones para soldados* (Barcelona, 27 division, 1938); *Trug doch die Nacht den Albatros*, poetry (Berlin, 1951); *Bergwindballade: Gedichte des spanischen Freiheitskampfes* (Berlin, 1952); *Flug-Oden*, poetry (Leipzig, 1959); *Unter den Hufen des Winds: Ausgewählte Gedichte 1926-1965* (Reinbek/Hamburg, 1966); Gerhard Wolf, ed, *Gedichte* (Leipzig, 1976); *Zeitsaum*, poetry (Leipzig, 1978); further biblio. in *Intl. Biblio*; Kötterwesch, *Biblio. Hand*; Maass, *Exilpresse*. *Lit*: L.S.D.L.; H.d.G.; D.L.L.; Kiessling, *Alemanía Libre: Schriftsteller des Bezirkes Potsdam* (Potsdam, 1974); Gregor Laschen, Manfred Schlösser, eds. *Der zerstückte Traum: Für Erich Arendt zum 75. Geburtstag* (Berlin, Darmstadt, 1978). Wolfgang Kiessling, *Exil in Lateinamerika* (Leipzig 1980). *Sources*: Hand. — IFZ.

Arendt, Hannah, political philosopher, prof. of political philosophy; b. Hannover, Ger. 14 Oct. 1906. d. New York 4 Dec. 1975. *R*: Jewish background. *E*: 1933 Fr, 1941 U.S. *Cit*: 1951 U.S. *F*: Paul A. Jewish, engr. *M*: Martha Cohn, Jewish, active Soc. Dem. ∞ I. → Günther Anders (Stern), div; II. 1940 → Heinrich Blücher. *C*: (none).

1924 Abitur, Lyceum, Königsberg. 1924-28 studied philos. with Martin Heidegger at Univ. Marburg, Edmund Husserl at Univ. Freiburg/Breisgau and Karl Jaspers at Univ. Heidelberg; 1928 Dr. phil., Univ. Heidelberg. 1930-33 res. fel., Notgemeinschaft der Deutschen Wiss. 1933 res. in Berlin on anti-Semitic propaganda by invit. of *Kurt Blumenfeld, Ger.-Jewish Zionist leader; house search led to 8 day detention. 1933 emigr. to Fr. illegally. Cont. studies, res. and writing. 1935-38 gen. secy., Fr. br. of Youth Aliyah, Paris. 1940 emigr. to U.S. 1944-46 res. dir., Conf. on Jewish Rels. 1946-48 chief ed, Shoken Books; responsible for publ. of → Max Brod and Kafka's diaries. 1949-52 exec. dir, Jewish Cultural Reconstruction, Inc., New York; involved in the recapture and distribution of Nazi-looted Jewish cultural property. Active mem. of Conf. on Jewish Soc. Studies and contrib. to its journ. 1952-53 Guggenheim fel. 1953 Christian Gauss lect., Princeton Univ. Until 1955 full prof., Brooklyn Coll., New York (C.U.N.Y.). 1950s and early 1960s vis. prof.: 1955 Univ. California, Berkeley; 1959 first woman app. full prof., Princeton Univ; 1960 Columbia Univ; Northwestern Univ., Chicago; Cornell Univ., Ithaca, N.Y. 1958-60, 1969-70 Rockefeller fels. 1963-67 prof., comm. on soc. thought, Univ. Chicago. 1967-75 prof. of polit. philos., grad. fac. of polit. and soc. sci., New School for Social Res., New York. A provocative and controversial thinker and writer, H.A.'s work influenced the post W.W. II political, literary and academic intelligentsia in the U.S. and abroad. Her reputation as an important political theorist was established with the publication of *The Origins of Totalitarianism*. H.A. divided the work into three sections: Anti-Semitism, Imperialism, and Totalitarianism. Then, utilizing a multi-discipline approach, she demonstrated how the first two movements led to 20th century totalitarianism, particularly Nazism and Communism. Her strong emphasis on political and social citizenship for all individuals indicated the impact of H.A.'s émigré experience. The Hegelian-like *The Human Condition*, which drew upon existential philosophies and classical Greek philosophers to describe the dissolution of the modern world, perhaps best expresses Arendt's philosophy. A prodigious and varied writer, H.A.'s later books were praised for their originality and insightfulness. Proponents applauded her unswerving courage in analyzing emotional and controversial topics. Her critics, however, questioned H.A.'s interpretations of historical data, as well as her use of overgeneralizations and value judgments. Widespread criticism was provoked by the controversial report, *Eichmann in Jerusalem*, first published in series form in *The New Yorker* magazine. In this work, Arendt refused to condemn Eichmann as the sole perpetrator of the Final Solution, contending that the other western nations were also responsible, and furthermore, accused the Jews of collaborating with Nazi policy by their own passivity. H.A.'s final work, published posthumously in 1978 (see *Biblio*.) confirmed her reputation as a major political theorist. It again returned to the existential philosophies of her early training and speculated on the active versus the contemplative life, attempting to balance these two divergent stands. For a further discussion of Arendt's ideas and works, see *Lit*. Mem: Am. Acad. of Arts and Sci (fel.); Am. Polit. Sci. Assn.; Am. Soc. Polit. and Legal Philos.; Nat. Inst. of Arts and Letters; Deutsche Akad. für Sprache und Dichtung (corresp. mem.); P.E.N.-Cent. Fed. Repub. Ger. (1971); Sp. Ref. Aid (fmr. chmn., mem., bd. dirs.); Judah Magnes Fund (mem. bd. dir.). Recd: Award, Nat. Inst. of Arts and Letters (1954); Lessing Prize, City of Hamburg (1959); Sigmund Freud Prize, Deutsche Akad. für Sprache und Dichtung (1967); Emerson Thoreau Medal (1969); Sonning Prize for Contribs. to Eur. Civilization (1975); hon. doctorates from n.um. univs. and colls. incl. Bard, Annandale-on-Hudson, N.Y. (1959); Goucher, Towson, Md. (1960); Smith, Northampton, Mass. (1966); York, Toronto (1968); Loyola (1970); others.

Biblio: *Der Liebesbegriff bei Augustin* (diss, Univ. Heidelberg, 1928; publ. Berlin, 1929); *Rahel Varnhagen: The Life of a Jewess* (drawn from art. orig. publ. in Ger. 1933; London, 1958; Ger. ed. Munich, 1959; New York, 1974); *Sechs Essays* (Heidelberg, 1948); *The Origins of Totalitarianism* (New York, 1951; publ. in Eng. as *The Burden of Our Time* [London, 1951]; Ger. ed. *Elemente und Ursprünge totaler Herrschaft* [Frankfurt,

1955); ed. and auth. of intro, Hermann Broch's *Essays*, 2 vols. (Zurich, 1955); *Fragwürdige Traditionsbestände im politischen Denken der Gegenwart: Vier Essays* (Frankfurt, 1957); *The Human Condition* (Chicago, 1958); *Die Krise in der Erziehung* (Bremen, 1958); *Between Past and Future: Six Exercises in Political Thought* (London, New York, 1961; Cleveland, Ohio, 1963; enlarged ed. with Eight Exercises publ. New York, 1968, 1978); ed. Karl Jaspers' *The Great Philosophers*, 2 vols. (New York, 1962, 1966); *On Revolution* (New York, 1963); *Eichmann in Jerusalem: A Report on the Banality of Evil* (New York, 1963; rev. and enlarged ed. 1965); *On Violence* (New York, 1970); *The Life of the Mind*, 3 vols. publ. posth. and ed. by Mary McCarthy: vol. 1 *Thinking*, vol. 2 *Willing* (New York, 1978), vol. 3 *Judging* (to be publ.); contrib. to books, encycs, journs, and other periods. *Papers*: Hannah Arendt Papers, Mss. Div. Libr. of Cong. Washington, D.C.; see Spalek. *Lit*: Melvyn A. Hill, ed. *Hannah Arendt: The Recovery of the Public World*, contains biblio. (New York, 1979; paperback ed. New York, 1981); George Kaleb, "Freedom and Worldliness in the Thought of Hannah Arendt," *Political Theory* (vol. 5, May, 1977); *Social Res.* sp. vol. ed. by Arien Mack (vol. 44, Spring, 1977). *Arch*: S.P.S.L.; Hannah Arendt Coll. L.B.I., New York. *Sources*: Hand, Journ, News, Print. — R.F.J.I.

Argov, Michael (fmly. Gordon Singer), painter; b. Vienna 1 Sept. 1920. *E*: 1933 Pal. *Cit*: Isr, fmly. Aus. *F*: Zvi Singer, b. Tarnov, Galicia, Aus. (Pol.) 1888, d. 1961, Jewish, merchant, 1933 to Pal. *M*: Ethel Isler, b. Cracow, Aus. (Pol.) 1896, 1933 to Pal. *S*: *Josef Singer, b. Vienna 1923, 1933 to Pal, prof. of aeronautical engr, Technion, Haifa. ∞ 1955 Michaela Dikovsky, b. Tel Aviv 1929, B.A., phys. ed. teacher. *C*: Anath, b. 1958; Igal, b. 1961; Sharon, b. 1969.

1930–33 att. Gym, Berlin; concurr. 1932 in Switz. 1933 emigr. to Pal. 1942–46 att. Avni Art Inst, Tel Aviv. 1947–48, 1949–51 att. Ecole Nat. Supérieure des Beaux Arts, Paris. 1954–62 instr, Avni Art Inst, Tel Aviv. 1962–instr. Argov Art Studio; concurr. lect. at educ. insts. and on radio. *Exhibitions*: Individual shows incl. Sherman Gall, Tel Aviv (1947); var. galls. in Paris (1951, 1953, 1955, 1956, 1958); Tel Aviv Mus. (1955, 1959); Mus. of Mod. Art, Haifa (1955); Palais des Beaux Arts, Brussels (1958); Museums, Cologne and Wuppertal, Rhineland (1960); Gall. Isr, Tel Aviv (1961, 1964); Hanager Mus, Beersheba, Isr. (1965); Galls. in Tel Aviv (1967, 1969). Group shows incl. Petit Palais, Musée d'Art Moderne and var. Salons, all in Paris; Biennales, Menton, Fr; Mus. of Modern Art, São Paulo; Artist of Gall. Isr, Tokyo; others in U.S., U.K., Fed. Repub. Ger, Belg. and Can. *Collections*: Var. museums in Fr. incl. Munic. Mus. of Mod. Art, Paris; Museums in Wuppertal, Tel Aviv, Haifa, Ein Harod, Beersheba, and priv. colls. in many countries. Recd: First prize, Isr. painting, Paris; Grand Prix, Uthon Friesz, Paris; Grand Prix de Deauville, Fr.

Sources: Hand, Qu. — R.F.J.I.

Arnau, Frank (fmly. Harry Schmitt; pseud. Don Urana), journalist, author; b. Vienna 9 Mar. 1894, d. Munich 11 Feb. 1976. *R*: None, until 1919 Protestant. *E*: 1933 Fr, 1934(?) Sp, 1939 Braz, 1955 Fed. Repub. Ger, Switz. *Cit*: Switz, from 1957 Ger, fmly. Switz, 1919 Ger, 1934 Ger. cit. revoked. *F*: Charles Schmitt, Protestant, Swiss. *S*: Alice Madeleine Rudolph. ∞ I. 1914 Caroline Mayerhoffer, 1923 div; II. 1924 Ruth Rickelt, d. 1951, emigr, 16 Apr. 1937 Ger. cit. revoked; III. 1953 Gerda Henriette Neuber, b. 1920, interior decorator. *C*: Ruth Gisella, b. 1926, 1933 to Sp, 1939 to Braz, 16 Apr. 1937 Ger. cit. revoked.

1912–16 auditing student in criminology and psychiatry, Univ. Lausanne, and 1919–20 at Univ. Würzburg; concurr. contrib. and corresp. for many newspapers incl. *Die Reichspost*, Vienna and *Berliner Tageblatt*; from 1912 police and court reporter. Travel corresp. in Eur, Afr. and Near East, partly under commn. of Aus. Fgn. Min. 1918 to Ger. Publ. many novels, plays, essays and non-fiction. Expressed leftist-liberal political viewpoints. Following Nazi rise to power, recd. several arrest warrants for alleged high treason. Apr. 1933 fled. to Fr; 1934

threatened with extradition because of preparations for bombing of Nazi Reichstag. 1934–39 frequent changes of residence, incl. Sp, Fr, U.K., Neth. Contrib. to publs. *Volksstimme*, Saarbrücken, *Pariser Tageblatt*, *Pariser Tageszeitung*, *Das neue Tage-Buch*, *Petit Parisien* (series about Ger. secret rearmament), *Der Gegen-Angriff*, *Mitropress*, *Volksrecht*, Zurich, *La Noche*, Barcelona, and others. 1939 emigr. to Braz. Worked as journ. During W.W. II adv. to Brit. emb. in Rio de Janeiro. Later fdr. of philatelic print shop, Arbes Graficas Arnau. Indus. adv. to Mercedes-Benz, Braz, and other cos. 1955 returned to Fed. Repub. Ger. Contrib. to *stern*; freelance journ, auth. and lect. on reform of justice system and on criminal law. Intl. renowned author on criminology, philately and art forgery; contrib. to the evidence on Ger. Pres. Heinrich Lübke's collaboration on construction plans for building concentration camp. Mem: Ger. League for Human Rights, Fed. Repub. Ger. (chmn. 1966–71; v. chmn. and hon. mem. 1972–76); Intl. Assn. for Identification, New York (regional v. pres. 1967–70); Nat. Sheriffs' Assn, Washington, D.C. (hon. mem. for life); Freemason, Mem. of num. press orgs. Recd: Dr. jur. h.c., Humboldt Univ, E.Berlin (1968); Goldenes Ehrenzeichen für Verdienste um die Republik Österreich (1969); many awards from intl. police orgs.

Biblio: *La loi qui tue* (Paris, 1934); *Die braune Pest* (Saarbrücken, 1934); *Coups de feu dans la nuit* (Barcelona, 1934); *Der verchormte Urwald: Licht und Schatten über Brasilien* (Frankfurt/M., 1956); *Lexikon der Philatelie* (Berlin, 1957); *Kunst der Fälscher — Fälscher der Kunst* (Berlin, Darmstadt, Vienna, 1961; trans. into 17 langs.); *Die Strafrechtspflege in der BRD* (Munich, 1967); *Gelebt, geliebt, gehasst*, autobiogr. with index of works (Munich, 1972); approx. 100 books publ. incl. detective novels under 14 pseud.; more than 3,000 arts; over 2 million books sold. *Sources*: Hand, News, Pers, Print, Qu. — IfZ.

Arndt, Fritz, prof. of chemistry; b. Hamburg 6 July 1885, d. Hamburg 8 Dec. 1969. *R*: Protestant. *E*: 1933 U.K., 1934 Tur, 1957 Fed. Repub. Ger. *Cit*: Ger. and 1943 Tur, fmly. Ger. *F*: Oscar A, exporter. *M*: Anna Himmelheber. ∞ I. 1914 Julia Heilmann, b. Breslau, Lower Silesia, Ger. (Wrocław, Pol.) 1892, d. Prague 1949, Lutheran, fmly. Jewish, 1925 div; II. 1930 Hertha Hübner, b. 1890, d. 1972, 1933 to U.K. with husband and stepdr. *C*: — Heinz Wolfgang Arndt; — Walter Werner Arndt; Bettina Jessell, b. Breslau 1917, univ. educ. picture restorer, a: U.K.

Att. Gym, Hamburg. Studied chem, Univs. Geneva, Freiburg/Breisgau, and Berlin; 1908 Dr. phil, Univ. Freiburg. 1908–11 sci. assist, Univs. Greifswald, Freiburg and Kiel. 1911–33 mem. fac, Univ. Breslau: 1911–15 Habil. and Privatdoz, 1919 a.o. Prof, 1928–o. Prof, Apr. 1933 dismissed; concurr. 1915–18 prof. and head, dept. of chem, Ottoman Univ, Constantinople, Tur. 1934 emigr. to Eng. 1933–34 guest prof, Univ. Oxford. 1934 emigr. to Tur. 1934–55 prof. of chem. and head of Inst. for Gen. Chem, Univ. Istanbul. Co-fdr. with other émigrés of a "Privatakademie," a self-help org. 1955 retired. 1957 returned to Fed. Repub. Ger. 1955–69 Hon. Prof, Univ. Hamburg. Spec. in organic chemistry, and introduced mesomerism theory. Mem: Chem. Soc. London; Am. Chem. Soc.; Soc. of Ger. Chems; Ger. Acad. of Scis, Leopoldina. Recd: Dr. rer. nat, h.c., Univ. Tübingen (1954); num. Dr. h.c.; Hon. Cit, Univ. Hamburg (1955); Grosses B.V.K. (1955); Bronze Bust, Ger. Chem. Soc. (1960); Jungius Medal, Hamburg (1965); D. Sc. h.c., Univ. Istanbul (1916); others.

Biblio: Textbooks incl. *Kisa Kimya Tatbikati* (Short Chemistry Lab Course; Istanbul, 1934); *Gayari uzvi kimyadan ilk tatbikati* (First Lab Course in Inorganic Chemistry; Istanbul, 1935); *Anorganik kimyaya baslangic laboraturvari*, 3 vols. (Beginners Lab. Course in Inorganic Chemistry; Istanbul, 1945–46; 2nd ed. 1950); co-auth, *Denel organik kimya* (General Organic Chemistry; Istanbul 1949; 2nd. ed. 1953); co-auth, *Yeni denel organik kimya* (New General Organic Chemistry; Istanbul, 1950); for further biblio. see *Poggendorff* (7a); *G.K.* (1961), and Widmann, *Bildungshilfe*. *Lit*: Horst Widmann, "Profesör Müderris Arndt Bey," *Report of the Ger.-Tur. Soc.*

(no. 83, 1970); Widmann, op. cit. *Sources*: Arch, Hand, News, Pers, Print. — IFZ.

Arndt, H(einz) W(olfgang), prof. of economics; b. Breslau, Silesia, Ger. (Wrocław, Pol.) 26 Feb. 1915. *R*: None, fmly. Lutheran. *E*: 1933 U.K., 1946 Aust. *Cit*: 1946 U.K. For *F*, *M* and *S* see father → Fritz Arndt and brother → Walter Werner Arndt. ∞ 1941 Ruth Strohsahl, b. Cuxhaven, Hamburg, Ger. 1915, 1935 to U.K., B.Sc. soc. worker, teacher, res. off. Dept. Fgn. Affairs. *C*: Christopher, b. 1944, B.Sc. Australian National Univ, geologist; Nicholas Thomas, b. 1947, Ph.D. Univ. Toronto, res. geologist; Bettina Minogue, b. 1949, M.Psych. Univ. New South Wales, clin. psych. ed, *Forum* mag.

Feb.–Aug. 1933 mem. vol. labor camp sponsored by S.P.D. in Silesia. Father dismissed from position in Univ. Breslau. Oct. 1933 emigr. to U.K. Father app. at Oxford Univ. with assist. of S.P.S.L. Fin. assist. for educ. from uncle. 1933–38 att. Lincoln Coll, Oxford Univ; 1936 B.A. hon; 1938 B.Litt; 1941 M.A. Concurr: 1937–38 pres. Stubbs Soc; 1938–41 Leverhulme res. student, London Sch. of Econ; mem. of → Karl Mannheim's sem; 1938–39 pres. Res. Students Assn. May 1940–Jan. 1941 interned and transported to Can. 1941–43 res. assist. Royal Inst. of Intl. Affairs, London. 1943–46 assist. lect. Univ. Manchester. 1946 emigr. to Aust. with offer of sr. lect. 1946–50 sr. lect. of econ, Univ. Sydney; concurr. co-fdr. Fabian Soc. N.S.W. and mem. Aust. Labor Party. 1951–63 prof. of econ, Canberra Univ. Coll, 1959–60 dean fac. econ. Concurr: Vis. prof, 1954 Univ. South Carolina, 1958–59 Indian Statist. Inst, Indian Planning Commn; 1960–61 sr. econ, U.N. Econ. Comm. for Eur, Geneva. 1963– prof. of econ, Research Sch. Pacific Studies, Australian National Univ; 1964– vis. lect. in Ger, Japan and U.S.S.R.; 1968 vis. prof, Univ. Heidelberg. Concurr: 1964– field work in Indonesia; 1965 fdr. and ed, *Bull. of Indonesian Econ. Studies*; 1966, 1967 consult, U.N. Conf. on Trade and Dev. (U.N. C.T.A.D.), Geneva. 1968–70 external examiner in econ, Univs. Malaya and Singapore; 1976– at Singapore. 1969–75 mem. governing coun, U.N. Asian Inst. for Econ. Dev. and Planning. 1972 dep. dir. Country Studies Div, Org. Econ. Coop. and Dev. Paris. 1972– mem. steering comm. Aust.-Japan Econ. Rels. proj. Mem. of ed. bds: 1956–73 *Econ. Record*; 1970– *Intl. Dev. Rev*; 1977 *Quadrant*. Mem: Econ. Soc. of Aust. and N.Z. (pres. 1957–59); S.S.R.C. of Aust. (hon. secy. 1957–59); Soc. for Intl. Dev. (nat. v. pres. 1970–); Aust. Labor Party (1950–71); Aust. Assn. for Cultural Freedom (pres. 1977–). As mem. of Aust. Labor Party, advocated soc. and econ. change through gradualism. A. supported the nationalization of Australian banks. From 1963 A. was concerned chiefly with econ. problems of S.E. Asia, spec. in Indonesia. A: (1980) Canberra, Aust.

Biblio: *The Economic Lessons of the Nineteen-Thirties* (Oxford, 1944, trans, reprs.); *The Australian Trading Banks*, the first comprehensive study of Aust. banking syst. in more than twenty yrs. (Melbourne, 1957; co-auth. of later eds.); co-ed, *The Australian Economy: A Volume of Readings* (Melbourne, 1963; 2nd ed. 1972); co-auth, *Taxation in Australia: Agenda for Reform* (Melbourne, 1964); *A Small Rich Industrial Country: Studies in Australian Development, Aid and Trade*, coll. of rev. arts. (Melbourne, 1968); co-ed, *The Australian Economy: A Second Volume of Readings* (Melbourne, 1972); *Australia and Asia: Economic Essays* (Canberra, 1972); *The Rise and Fall of Economic Growth* (Melbourne, 1978); co-auth, *Economic Crisis: A Commonwealth Perspective* (London, 1980); contrib. more than 125 arts. on econ. dev, banking, intl. investment, fgn. aid and other econ. topics to prof. journals; biblio. to 1978 in R.F.J.I. arch. *Lit*: H. Arndt, "Three Times 18: An Essay in Political Autobiography," *Quadrant* (May–June 1969); K.S. Inglis and R.H. Wallace, "Professor Arndt and the Labour Party," *Aust. Quart. Sources*: Autobiog, Hand, Print, Qu. — R.F.J.I.

Arndt, Jacques (Diego A; fmly. Jacques Abrahamer; Jacques Abraham), stage director, actor; b. Sarajevo, Bosnia, Aust.-Hung. (Yugo.) 8 Jan. 1914. *R*: Jewish. *E*: 1938 Lux, 1939 Urug, 1941 Arg. *Cit*: 1946 Arg, fmly. Aus, then stateless. *F*: Leo

Abrahamer, b. Aus, d. Vienna 1925, Jewish, off, merchant. *M*: Rudolfine Reiss, b. Hung, d. Yugo. after W.W.I. *S*: (none). ∞ 1964 Elisa Segal, b. Buenos Aires 1917, Jewish. *C*: 2 dtrs. (chemical engr; biologist).

Drama lessons from childhood on at Burgtheater, Vienna. 1928 Matura, Realgym, Vienna. 1931–34 schol. student in theater arts, A.M.d.K.; concurr. assist. to head of A.M.d.K.; recd. first prize upon graduation. 1935–36 engagement with Ger.-speaking ensemble Die Komödie, Lux. 1936–38 actor in Viennese theaters; partic. in radio plays of RAVAG (Österr. Radioverkehrs-A.G.). Mem. Ring der österreichischen Bühnen-Künstler, 1938 dismissed. July 1938 illegal entry into Lux, remaining there until Dec; supported by relief org. 1939 emigr. to Urug. 1939–41 speaker and artistic dir. of the Ger.-speaking radio-hour, "La Voz del Día" in Montevideo (*Hermann P. Gebhardt). From 1941 actor, dir. and stage designer at the Freie Deutsche Bühne, Buenos Aires, Arg. (→ P. Walter Jacob). From 1951 dir. of radio and T.V. staged plays for Spanish-speaking theaters in Arg. and Chile. From 1958 Ger. ed. mgr. of the state-owned short-wave radio station in Buenos Aires, 1974 dismissed by Perón govt. 1959–62 after departure of → Siegmund Breslauer (which ended the Freie Deutsche Bühne), fdr. and dir. of Ger.-speaking ensemble Deutsches Theater, Buenos Aires → Teatro Alemán de Buenos Aires—with support from Fed. Repub. Ger. Tours of S. Am. and Eur. Partic. in radio and television confs. in U.S., Fr. and Fed. Repub. Ger. 1970 Arg. deleg. at intl. symposia of Ger. short-wave stations in Cologne. Auth. for radio and television; num. adaptations of plays and trans. of Ger. dramas; also contrib. to Arg. newspapers and mags. Mem. of var. prof. and cultural orgs. A: (1980) Munro, Buenos Aires.

Lit: Jacob, *Freie Deutsche Bühne*; R. (Reimer, G.E.) "25 Jahre La Voz del Día," *La Plata-Post*, Montevideo (12 July 1963). *Arch*: Materials about Ger.-speaking theater in Latin America with J.A. *Sources*: News, Pers, Print, Qu. — IFZ.

Arndt, Walter Werner, prof. of linguistics; b. Constantinople (Istanbul), Tur. 4 May 1916. *R*: Society of Friends. *E*: 1933 U.K., U.S. *Cit*: U.S. For *F*, *M* and *S* see father → Fritz Arndt and brother → Heinz Wolfgang Arndt. ∞ 1945 Miriam Bach, Fr. instr. *C*: Robert M; David J; Prudence J; Corinne C.

Ca. 1918 to Ger. with fam. 1933 emigr. to U.K. with fam. 1936 dipl. in econ. and polit. sci, Oxford Univ. 1939 grad. student, Univ. Warsaw. 1943 B.S., Robert Coll, Istanbul, Tur. 1942 (43?)–44 intell. off, U.S. O.S.S. 1944–45 assist. to dir, O.W.I., Istanbul. 1945–48 instr. in mech. engr, Robert Coll. 1947–49 assist. to dir, U.N. Intl. Ref. Org, Istanbul and Istanbul corresp. for *Economist*, London. 1949–50 Eng. instr, Friendsville Acad, Tenn. 1950–56 mem. fac, dept. classics and mod. langs, Guilford Coll, Greensboro, N. Car: 1950 instr, 1952–56 assist. prof. Concurr: 1952–53 Ford. Found. fel, Univ. Michigan, Ann Arbor and Univ. North Carolina, Chapel Hill; 1956 Ph.D., Univ. North Carolina. 1956–57 Ford. Found. fel, Harvard Univ. 1957–66 mem. fac, Univ. North Carolina: 1957 assist. prof. of Slavic lang. and linguistics, 1962 assoc. prof; 1965–66 chmn. dept. Slavic and Oriental lang. and linguistics. Concurr: 1961–62 Fulbright res. fel, Univ. Münster; 1965 vis. prof, Univ. Colorado. 1966– prof, dept. of Russ. langs. and lit, Dartmouth Coll, Hanover, N. Hamp, 1967– chmn. dept; concurr. 1966 Am. Philos. Soc. res. grant, Leningrad and Moscow. Res. in comp. lit. and linguistics; many fine verse translations. Mem: Assn. Teachers Slavic and E. Eur. Langs. (v. pres. 1964–67); Linguistic Soc. of Am; M.L.A.; Am. Soc. for the Advancement of Slavic Studies; S. Conf. Slavic Studies (v. pres. 1964; pres. 1965). Recd: Bollingen Poetry Trans. Prize for *Eugene Onegin* (1963). A: (1969) Hanover, N. Hamp.

Biblio: *Germanic Dialect Evolution in Lexico-Static Time Perspective* (diss, Chapel Hill, 1955); trans. and intro, Alexander Pushkin, *Eugene Onegin: A New Translation in the Onegin Stanza* (New York, 1963); trans, W. Busch, *Baldwin Bährlamm, der verhinderte Dichter* (Gütersloh, 1967); ed, *Studies in Historical Linguistics* (Chapel Hill, 1967); co-auth, *Grundzüge moderner Sprachbeschreibung* (Tübingen, 1969); trans, *Pushkin Threefold* (London, 1972); trans, *Faust*, ed. C.

Hamlin (New York, 1976); ed. intro. and partly trans. *Anna Akhmatova: Selected Poems* (Ann Arbor, 1976); contrib. verse trans. and arts. to prof. journs. Sources: Hand, News, Pers. — R.F.J.I.

Arnheim, Rudolf, prof. of psychology of art; b. Berlin 15 July 1904. R: None. E: 1939 U.K., 1940 U.S. Cit: 1946 U.S. fmlly. Ger. F: Georg A. b. Konitz, W. Prussia, Ger. (Chojnice, Pol.) 1867, d. Oakland, Calif. 1944, Jewish, 1938 to U.S., salesman, mfr. M: Betty Gutherz, b. Berlin 1879, d. Überlingen, Baden, Ger. 1966, Jewish, 1938 to U.S., 1960 to Fed. Repub. Ger. S: Leni Badt, b. Berlin 1906, d. Überlingen 1973, emigr; Hilde Eichwald, b. Berlin 1907, d. Oakland 1937(?), emigr. to U.S. via China, secy; Mary Gay, b. Berlin 1912, emigr. to It. and to U.K., photog. ∞ 1953 Mary Elizabeth Frame, b. Pittsburgh, Penn., 1918, M.A. Libr. Sci. C: Margaret Nettinga, b. 1947, att. Smith Coll., Sarah Lawrence Coll., Bronxville, N.Y., a: 1975 Neth.

1923–28 att. Univ. Berlin; 1928 Dr. phil. in psych. of visual perception. 1928–33 assist. ed. liberal weekly mag, *Die Weltbühne*. Dismissed from position as writer, ed. and lect. Aug. 1933 emigr. to It. 1933–38 assoc. ed. Intl. Inst. for Educ. Film, League of Nations, Rome. 1939 emigr. to U.K.; trans. for B.B.C., London. Oct. 1940 emigr. to U.S. 1941 res. Off. of Radio Res., Columbia Univ. 1942–43 Guggenheim fel. 1943–66 mem. fac, dept of psych., Sarah Lawrence Coll. Concurr: 1943–68 lect, then vis. prof., New School for Social Research, New York; 1959–60 vis. prof. with Fulbright fel., Ochanomizu Univ., Tokyo; 1966–67 U.S. Off. Educ. grant to study visual factors in concept formations; 1967–68 vis. prof., dept. of psych., Teachers Coll., Columbia Univ. 1968–74 prof. psych. of art, Carpenter Cent. for Visual Arts, Harvard Univ. From 1968 vis. prof. and 1974 Walgreen vis. prof., Univ. Michigan, Ann Arbor. 1978 resid., Am. Acad. Rome. Res. focused upon the psych. of visual perception and its application to the arts. Fel: A.A.A.S. Mem: Am. Psych. Assn. (div. pres. on psych. and the arts, 1957, 1965, 1971); Am. Soc. for Aesthetics (pres. 1959–60, 1979–80); Coll. Art Assn. Recd: Dr. of Fine Arts h.c., Rhode Island School of Design, Providence (1976); Deutscher Filmpreis (1978). A: (1980) Ann Arbor.

Biblio: *Experimentell-Psychologische Untersuchungen zum Ausdrucksproblem* (diss., Berlin, 1928); *Film als Kunst* (Berlin, 1932, Munich, 1975; trans. by L.M. Sieveking and Ian F.D. Morrow as *Film* [London, 1933]; publ. as *Film as Art* [Berkeley, Calif. 1957, 1966; London, 1958, 1969; It. trans. 1959]); *Art and Visual Perception* (Berkeley, 1954, 1960, 1965, 1969; London, 1956, 1967; Ger. trans. Berlin, 1965; rev. ed. Berkeley, 1974); *Picasso's Guernica: The Genesis of a Painting* (Berkeley and London, 1962); *Towards a Psychology of Art* (Berkeley, 1966, London, 1967); *Visual Thinking* (Berkeley, 1969; London, 1970); *Entropy and Art* (Berkeley, 1971); *Radio: an Art of Sound* (London, 1936; New York, 1971); *The Dynamics of Architectural Form* (Berkeley, 1977); *Kritiken und Aufsätze zum Film* (Munich, 1977); contrib. num. arts. to journs, prefaces and books. *Papers:* Arch. of Am. Art, Detroit, Mich., now transferred to Washington, D.C. Sources: Hand, News, Qu. — R.F.J.I.

Arno, Bruno (fmly. Aron), actor, dancer, choreographer; b. Hamburg 22 Feb. 1902. R: Jewish. E: 1935 Switz, 1935 It., 1937 Arg., 1962 Fed. Repub. Ger. Cit: Ger., orig. Ger., then Arg. F: Louis Aron, b. Hamburg 1863(?), d. Los Angeles 1947, Jewish, businessman, emigr. to Belg., 1941 to Arg.(?), U.S. M: Emilie Bez, b. Hamburg 1868(?), d. Los Angeles 1967, Jewish, emigr. to Belg., 1941 to Arg.(?), U.S. S: Dora Amoros, b. Hamburg 1883, emigr. to U.S.; → Siegfried Arno. ∞ 1925 Gertrud Ehrlich, b. Hamburg 1900, d. Bad Harzburg, Fed. Repub. Ger. 1976, Jewish, emigr. with husband and dtr. C: Ursula Gänger, b. Berlin 1926, a: 1977 W. Berlin.

1910 first appearances as child actor in Hamburg. Priv. ballet training, then studied choreography. From 1923 choreographer and ballet-master at the theater of Martin Zickel, Berlin; worked for → Max Reinhardt, → Fritz Massary and others. 1929–35 (1933–35 under cover) artistic dir., dance establishment "Haus Vaterland," Berlin. 1935 emigr. to Switz. with spouse

and dtr. 1935–37 toured It. 1937 emigr. to Arg. Until 1939 ballet and revue perfs. at the Casino-Theater in Buenos Aires; in between created revues in The Hague, Neth. From 1940 featured performer at → P. Walter Jacob's Ger.-speaking theater-in-exile Freie Deut. Bühne, Buenos Aires. Later saved fam. mem. from occup. Neth. 1958—also painter. 1962 returned with fam. to Fed. Repub. Ger. Actor in Düsseldorf, W. Berlin, Hamburg and Cologne. 1970 ended stage career for health reasons; thereafter painter. 1977—exhibs. in W. Berlin. A: (1980) W. Berlin.

Lit: Jacob, *Freie Deutsche Bühne*. Sources: Hand, News, Print, Qu. — IfZ.

Arno, Siegfried (fmly. Siegfried Aron, pseud. Sig. Aron), actor; b. Hamburg 25(27?) Dec. 1890, d. Los Angeles 17 Aug. 1975. R: Jewish. E: 1933 var. Eur. countries, 1939 U.S. For F. M and S see brother → Bruno Arno. ∞ I. 1922 Lia Dahms, actress, 1932 div; II. 1934 Barbara Kirsanoff, 1953 div; III. 1953 Kitty Mattern, actress. C: With first wife, Peter.

1901–12 att. Talmud Thora Realsch., Hamburg. 1913 prof. debut as Thisbe in *Midsummer-Night's Dream*, Hamburg. W.W. I machine gunner, Ger. Army. 1915–20 acted in Hamburg theaters. 1920–21 comedian, Landestheater, Prague. 1921–33 perf. at var. theaters in Berlin, incl. 1927–31 Grosses Schauspielhaus, acting under dir. → Erik Charell in *Casanova*, *Der liebe Augustin*, *Die lustige Witwe*, *Drei Musketiere*, *Das weisse Rössel*; also toured Ger. in *Streichquartett*. 1933 left Ger. 1933–37 appeared on stage in Antwerp, Belg., Rome and Zurich. 1937 wrote and acted in Belg. film *Cauchemar de Beverloo*. 1937–39 acted in and dir. "Kabarett der Prominenten," The Hague, Neth. 1939 emigr. to U.S. From 1939 appeared mostly in musicals and operettas, esp. in Calif. but also in touring U.S. and 1955 Latin Am. Late 1950s acted in Vienna, Hamburg and Berlin. 1957 recd. Tony Award nomination for role of Ferdinand the headwaiter in *Time Remembered* on Broadway. 1944 played Count Pepe le Loup in *Song of Norway* on Broadway; became his most popular part, repeated 1952 and 1962 in Los Angeles and San Francisco, 1959 at Jones Beach, N.Y. Made more than 150 films in Ger. beginning with silent movie *Schicksal* (1923); most popular films incl. *Um eine Nasenlänge* (ca. 1930), *Moritz macht sein Glück*, *Keine Feier ohne Meier*, *Ein ausgekochter Junge* (all 1932), *Heute Nacht – eventuell* (1933). Appearances in Hollywood films incl. *The Mummy's Hand* and Chaplin's *Great Dictator* (both 1940), *The Palm Beach Story* (1942), *Up in Arms* (1944), *A Song to Remember* (1945), *The Toast of New Orleans* (1950). Mem: Am. Fed. of T.V. and Radio Artists; Actors' Equity Assn.; Screen Actors Guild. Recd: Bundesfilmpreis, Filmband in Gold, Fed. Repub. Ger. (1966).

Sources: Hand, News, Pers. — R.F.J.I.

Arnold, Paula née Kellner, journalist, author; b. Vienna 8 Feb. 1885. E: 1933 Pal. F: Leon Kellner, b. 1859, d. 1928, prof., Univ. Czernowitz, Bukovina, Aus. (Chernovtsy, U.S.S.R.), auth. of works on Eng. lit. and dictionaries, contrib. to Eng. and Ger. journs, Jewish rep. to the Landtag in Czernowitz, Eng. expert, off. pres. of the Aus. repub; one of Herzl's early acquaintances and aides, declined initial offer of gen. editorship for *Die Welt* (Zionist organ), but did accept editorship for 1899–1900; publ. Herzl's diary, 2nd vol. selection of Herzl's writings, *Theodor Herzl's Lehrjahre* (1920). S: Dora, b. 1890. C: One son; one daughter.

Educ. Univ. Vienna. Teacher high schs. for girls. 1933 emigr. to Pal. Contrib. to *Jerusalem Post* and *Baltimore Sun*.

Biblio: Co-auth. *Austria of the Austrians and Hungary of the Hungarians* (New York, 1914); co-auth. *Complete Hebrew-English Dictionary* (London, 1924); *Old-New Land*, trans. of Theodor Herzl's *Altneuland* (1960); Eng. adaptation from the Hebrew of the following books by Se'ev Berlinger: *Mt. Carmel Flowers* (Haifa, 1958), *Flowers of Israel* (Haifa, 1960), *Trees and Shrubs in Israel* (Haifa, 1963), *Birds of Israel* (Haifa, 1962; 2nd ed. Haifa, 1965), *Israel Nature Notes*, a selection of arts. for *Jerusalem Post* (Haifa, 1965), *Zikhronei beAhavah* (Jerusalem, 1967/68); trans. novels and plays into Ger. *Papers:* Memoirs are in Vienna. Sources: Hand, Print. — R.F.J.I.

Arnstein, Walter Leonard, prof. of history; b. Stuttgart, Württemberg, Ger. 14 May 1930. R: Jewish background. E: 1939 U.S. Cit: 1944 U.S. F: Richard, b. Wertheim am Main, Baden, Ger. 1904, Gym. educ. in Ger. admin. night watchmen serv. 1938 to U.S. wholesale textile bus. M: Charlotte Heymann, b. Stuttgart 1907, att. nursing sch. 1939 to U.S. with children, forelady in blouse and toy factories, active in League of Women Voters. S: Laura Altschuler, b. Stuttgart 1932, B.B.A., dept. store buyer. ∞ 1952 Charlotte Culver Sutphen, b. Cleveland, Ohio 1931, Protestant, B.F.A., Master of Music; piano teacher. C: Sylvia C. b. Evanston, Ill. 1954, B.F.A., M.F.A., artist; Peter Sutphen, b. Evanston 1956, M. Music, doctoral student.

1937–39 att. Jewish sch. in Stuttgart. Apr. 1939 emigr. to U.S. via Switz. and U.K.; recd. some assist. from Self-Help. 1947–51 att. City Coll., New York (C.U.N.Y.); pres. of Hist. Soc.; 1951 B.S. 1951–53 serv. with U.S. Army in Korea. 1953–54 att. Columbia Univ.; 1954 M.A. 1954–56 teaching assist., Northwestern Univ., Evanston, Ill. Summer 1956 bedroom furniture salesman. 1956–57 Fulbright Schol., Univ. London. 1957–68 mem. fac, dept. of hist., Roosevelt Univ., Chicago: 1957 assist. prof., 1962 assoc. prof., 1966–68 prof. Concurr.: 1961 Ph.D., Northwestern Univ.; vis. prof. 1963–64, spring 1966 Northwestern Univ.; 1966–75 mem. adv. bd., Victorian Studies. 1967–68 Fel. A.C.L.S. 1968– prof. of hist., Univ. Illinois, Champaign, 1974–78 dept. chmn. 1976– mem. ed. bd., *The Historian*. Fel.: Royal Hist. Soc. (1973–). Mem.: Am. Hist. Assn.; Hist. Assn. U.K.; Conf. of Brit. Studies (nat. exec. comm. 1971–76); Midwest Conf. on Brit. Studies (pres. 1980–82); Midwest Victorian Studies Assn. (pres. 1977–80); others: A.: (1981) Champaign.

Biblio: *The Bradlaugh Case: A Study in Late Victorian Opinion and Politics* (Oxford, U.K. 1965); *Britain, Yesterday and Today: 1830 to the Present* (Lexington, Mass. 1966; 3rd ed. 1976); collab., W.B. Willcox, *The Age of Aristocracy. 1688–1830* (3rd ed. Lexington, Mass. 1976); ed., *The Past Speaks: Sources and Problems in British History Since 1688* (Lexington, Mass. 1981); contrib. arts. to prof. journals. incl. *Journ. Brit. Studies*, *Hist. Today*, *Victorian Studies*, *The Historian*. Sources: Hand, Print, Qu. — R.F.J.I.

Arntz, Gerd (Gerhard) (pseud. 1935–38 A. Dubois; A. van't Hout), graphic artist; b. Remscheid, Rhineland, Ger. 11 Dec. 1900. R: Protestant. E: 1934 Neth. Cit: Ger. F: Carl Ferdinand Adolf A., b. 1871, d. 1951, tool mfr., Greb and Co. M: Amalie Hedwig Cleff, b. 1875, d. 1946. S: 1 brother. ∞ 1923 Agnes (Auguste Viktoria) Thubeauville, b. 1901, d. 1973, 1934 to Neth. C: Peter, b. 1924, Dipl.-Ing. in chem.

Att. Realsch.; 1918 serv. field artillery, Ger. Army. 1919–studied drawing with Lothar von Kunowski in Düsseldorf. First polit. contact with activist group and with lit. and art circles around the periods. *Der Sturm*, *Die Aktion* in Berlin and *Der Ziegelbrenner* in Munich. 1920 interrupted studies, partic. in workers' uprising against Kapp-Putsch. Through → Jankel Adler had contact with Stupid, a group of artists in Cologne, first contacts with Junges Rheinland. 1922–24 apprentice to bookseller Walter Severin, Hagen, Westphalia. 1924–28 freelance artist in Düsseldorf. Close friendship with Heinrich Hoerle and Franz W. Seiwert. 1926 partic. Grosse Kunstausstellung Düsseldorf (Great Art Exh.) with → Anton Räderscheidt, → Gert H. Wollheim, → Max Ernst, Adler, Hoerle, Seiwert and others. Mem., Allgemeine Arbeiterunion (Einheitsorganisation A.A.U.E.). Met → Otto Neurath, then dir., Gesellschafts- und Wirtschaftsmus., Vienna. 1927 first woodcutting series, 12 Häuser der Zeit, a critical survey. 1928 contrib. to press exposition, *Kölnner Presse* with Seiwert and Räderscheidt. Autumn 1928 tri-annual period at Neurath's Inst. 1929–34(?) head of graphics dept., Gesellschafts- und Wirtschaftsmus., Vienna. Involved in the dev. of a consistent method of visual education called "Isotype" or Vienna method of Bildstatistik. 1929–33 contrib. to *a bis z*, the organ of the Gruppe progressiver Künstler, Cologne. Partic. in intl. group-shows, incl. 1930 "Socialistische Kunst heden" (Socialist Art today), Amsterdam. 1931–34 four visits to Moscow; collab. in the Inst. Isostat ("Isotype") and head of visual educ. (Bildstatistik) of Soviet cadre; met with El Lissitzky and Vladimir Tatlin; contact with Peter Alma, contrib.

to Vienna Inst. and head of Kharkov br. of Isostat. 1934 (after the socialist defeat through the Dollfuss govt.) the Gesellschafts und Wirtschaftsmus. closed. Traveled and met with Gomez in Vienna, August Tschinkel in Prague, → Jan Tschichold in Basel, → Raoul Hausmann, Paris. 1934 emigr. to The Hague. 1934–40 contrib. to Neurath's newly founded Institut Mundaneum. 1935–38 through → Paul Kühne contact with communist group De Arbeidersraad, and contrib. of polit. graphics. 1935 contact with Ger. émigrés incl. → Arthur Kaufmann. Under pseud. Dubois partic. in "Artists against Fascism and War," London, with "Vienna 1934" (1935) and "De Olympiade Onder Dictatuur," Amsterdam (1936). 1936 drawing *Das dritte Reich* removed from exhib., "De Olympiade Onder Dictatuur," Amsterdam at the request of the Ger. embassy because of "insult to friendly Head of State." 1936 traveled to the Riviera and Paris, met with Adler and Otto Freundlich, and Hausmann. 1938 prod. woodcutting series, "Lehrschnitte," and worked on Neurath's book *Modern Man in the Making*. Stopped producing political graphics and worked mainly on illus. incl. 1939 Ovid's *Metamorphoses* and 1940 on Voltaire's *Candide*. 1940 emigr. to Eng. following flight of Otto and → Marie Neurath. 1940 head of newly est. Nederlandsche Stichting voor Statistiek (NSvS). Graphic style changed from woodcuts to linocuts. 1943 forced induction into the Ger. Army. 1944 serv. in Normandy, surrendered to the Résistance in Paris and held as P.O.W. in Paris, Chartres, and Cherbourg (end 1944–end 1945 as longshoreman), Compiègne and Münster. Apr. 1946 returned to The Hague. Resumed as head of NSvS. 1950–71 linocuts on themes of daily political life. 1951–62 "Isotype" work for U.N.E.S.C.O. 1954 treas. and 1970 elected hon. mem. of artistic group De Grafische. 1969 publ. *Aspekte*, a coll. of polit. graphics after 1950. 1968 individual show, Gall. Gmurzynska, Cologne. A.: (1980) The Hague.

Biblio: *a bis z* (Cologne, 1919–33); co-ed., *F.W. Seiwert - Gemälde - Grafik - Schriften* (Prague, 1934); contrib., *Modern Man in the Making* (London-New York, 1939; Amsterdam, 1940; Stockholm, 1940); *Politieke prenten tussen twee oorlogen* (Political Graphics Between Two Wars; Nijmegen, 1973). *Lit:* Horst Richter, *Geschichte der Malerei im 20. Jahrhundert - Stile und Künstler* (Cologne, 1974); *Von Dadamax bis zum Grüngürtel*, Kunstverein cat. (Cologne, 1974); *Politische Konstruktivisten*, N.G.B.K. cat. (W. Berlin, 1976); Uli Bohnen, "Die Gruppe progressiver Künstler" (diss., Univ. Tübingen, 1974); Ulrich H. Bohnen, *Das Gesetz der Welt ist die Veränderung der Welt* (W. Berlin, 1976); *G.A.: Kritische Grafik und Bildstatistik* biblio. and cat., Gemeente Mus., The Hague (Cologne and Hannover, 1977); "Der Ludergeruch der Revolution," *Ästhetik und Kommunikation* (vol. 8, no. 29, W. Berlin, 1977); *G.A.* cat., Kunstverein (Hannover, 1977). Sources: Autobiog., News, Print. — IFZ.

Aronson, Irene Hilde, printmaker, painter and designer; b. Dresden, Saxony, Ger. 8 Mar. 1918. E: 1935 U.K., 1941 U.S. Cit: U.S. F: Arthur Anderson. M: Helen Fürstenwalde.

1935 emigr. to U.K. 1935–37 att. Eastbourne Sch. of Arts and Crafts, Eng. 1937–40 studied art at Slade Sch. of Fine Arts, Univ. London, and at Ruskin Sch. of Drawing, Oxford Univ. 1941 emigr. to U.S. via S. Am. 1942–43 assist. teacher, Walden Sch., New York. Studied under → Georg Grosz at Art Students' League, New York. 1945–46 assist. designer, Barnum and Bailey Circus. 1946 costume designer for the play, *The Front Page*. 1947–51 instr., evening div., concurr. 1948 student, Parson's Sch. of Design, New York. 1954 student and mem., Atelier 17 group, New York. 1954(?) art instr. for cont. educ., Bryant Adult Cent., Long Island, N.Y. Until 1962 att. Columbia Univ.; 1960 B.F.A.; 1962 M.A. Until 1978 art instr. in jr. high schs., New York. Paintings known for subtle notation and controlled lines. *Exhibitions:* Individual shows at Wehlye Gall.; Smithsonian Inst., Washington, D.C. (1954); Brooks Mml. Art Gall.; Mus. Arte Mod., Mexico City (1959). Group shows at Mus. of Mod. Art, New York (1942–45); Brooklyn Mus., New York (1950, 1958); Nat. Coll. Fine Art, Washington, D.C. (1951, 1954, 1975); Kunstmus., Bern, Switz. (1957); Mus. of Fine Arts, Boston (1958); Intl. Print Show, Ljubljana, Yugo. (1959);

Towner Art Gall, Eastbourne, Eng. (1961); Nat. Assn. of Women Artists, New York (1974-75). *Collections*: Mus. of Mod. Art, Mus. of the City of New York, and Metrop. Mus. of Art, New York; Bezalet Nat. Mus, Isr; Bibliothèque Nationale, Paris; Victoria and Albert Mus, London; Stedelijk Mus, Amsterdam; elsewhere. Mem: Nat. Assn. Women Artists; Color Print Soc; Am. Inst. Graphic Arts; Philadelphia Print Club; United Scenic Artists of Am; Coll. Art Assn. Am. Recd: Gold Medal, Slade Sch. of Fine Arts, London (1939); Eve Clendenin Prize (1954); Medal of Honor in Graphics, Nat. Assn. Women Artists (1957). A: (1978) New York.

Biblio: Contrib. and illus. arts. on var. aspects of printmaking to prof. mags. incl. *Design*, *Art News*, *Art Digest*, *Graphic Processes*, and *Am. Artist*; has also publ. portfolios incl. *Danse Macabre* (1951) and *The Circus* (1951). *Arch*: Artists Files and Artists Exhib. Cats, Mus. of Mod. Art, New York. *Sources*: Arch, Hand, Print. — R.F.J.I.

Arpe, Verner (fmly. Werner Johannes Ferdinand Arpe; pseud. Jörgen Schau, Tanjo Skau), director, journalist; b. Hamburg 11 Jan. 1902, d. Stockholm 7 Feb. 1979. R: None, until 1913 Protestant. E: 1938 Swed. Cit: 1948 Swed, until 1943 Ger. F: Johannes A, b. Quickborn, Schleswig-Holstein, Ger. 1873, d. Hamburg 1935, Protestant, teacher, sch. principal. M: Martha, b. Altona near Hamburg 1872, d. Jürgensdorf, Ger. 1948, of Swed. extraction, Protestant. S: Gertrude A, b. Hamburg 1900, d. Hamburg 1901; Waldemar A, b. Hamburg 1905, d. Hamburg 1952, mechanic. ∞ II.(?) 1935 Nicoline K.B.K. Schatte (Ninni Arpe), b. Wanzlitz, Ger. 1899, Protestant, actress, emigr. with husband(?). C: Signe Martha Louise A, b. Hamburg 1933, att. acting sch, actress, later employed at insur. co, 1939 to Swed, a: 1975 Swed.

Sec. educ. in Hamburg. 1919-20 att. pedag. sem. and studied acting. 1920-28 actor, Dramaturg, prod. and dir. at var. Ger. theaters. 1922 fdr. of exp. theater Kunstgde, Hamburg. 1928-38 at var. theaters in Hamburg. Concurr. tours with own ensemble and lect. in Swed. and Den. 1938 emigr. to Norrköping, Swed, in face of imminent arrest due to opposition to Nazi regime. 1938-43 reader for theatrical publ. in Stockholm. 1939-43 trans. for film and theater, and contrib. to Swed. educ. radio. 1943 dismissed from publ. due to pressure from Ger. emb; expatriated as conscientious objector to milit. serv. Co-fdr. of Ger.-lang. exile theater Freie Bühne, Stockholm. 1945- promoter of cultural exchange between Ger. speaking and Scand. countries. Tours and guest directorships in var. Eur. countries. Lect. and publ. on theater and film. Translator of Scandinavian authors. Producer of documentary on Swedish film dir. Ingmar Bergman. Recd. title of Prof, Aus. (1971).

Biblio: Co-auth, *Knaurs Buch vom Film* (Munich, 1956); *Knaurs Schauspielführer* (Munich, 1957); *Aufbruch und Empörung bei Brecht und Zuckmayer* (Stockholm, 1959); *Bildgeschichte des Theaters* (Cologne, 1962); co-ed, *August Strindberg über Drama und Theater* (Cologne, 1966); as Jörgen Schau, *Theater auf Bühne und Bildschirm* (Cologne, 1967); *Das schwedische Theater: Von den Gauklern bis zum Happening* (Stockholm, 1969); trans. and ed, *Dichter über ihre Dichtungen: Henrik Ibsen* (Munich, 1972). *Lit*: Jill Johansson, "Der Regisseur, Dramaturg, Theaterhistoriker und Publizist Verner Arpe — seit 1948 schwedischer Staatsbürger," biog. incl. biblio. and list of roles played and plays directed (grad. paper, Univ. Stockholm, 1970); Sabine Engström, "Rid i natt von Moberg und die deutsche Übersetzung" (grad. paper, Univ. Stockholm, 1971); Durzak, *Exilliteratur*; Müssener, *Exil: Müssener, Exil-Theater*. *Sources*: Biog, News, Pers, Print, Qu. — 1fZ.

Artin, Emil, prof. of mathematics; b. Vienna 3 Mar. 1898, d. Hamburg 20 Dec. 1962. R: Unaffiliated, fmly. Roman Catholic. E: 1937 U.S., 1958 Fed. Repub. Ger. Cit: 1960(?) Fed. Repub. Ger, fmly. Aus, 1925 Ger, 1946 U.S. F: Emil A, art dealer. M: Emma Laura, b. Graz, Aus. 1878, d. Hamburg 1961, Roman Catholic. S: Rudolph Hübner, Ph.D., lawyer. ∞ 1929 Natascha (Natalie) Jasny, b. St. Petersburg, Russ. (Leningrad, U.S.S.R.), Protestant, univ. educ, Russ. teacher in U.S., later ed, 1959 div.

C: Michael, b. Hamburg 1928, att. Princeton and Harvard Univs, prof. of math; Karin Maria Tate, b. Hamburg 1933, teacher; Thomas, b. Bloomington, Ind. 1938, att. Princeton Univ, prof. of Eng; all reside in U.S.

Att. Gym. Reichenberg, N. Bohemia. 1916 one semester att. Univ. Vienna. 1916-19 serv. W.W.I in Aus. infantry regiment. 1919-21 studied math, Univ. Leipzig; 1921 Dr. phil. Sci. assist. Univ. Göttingen, then Hamburg. Until 1937 mem. fac. Univ. Hamburg: 1923- Privatdoz, 1925 a.o. Prof, 1926 o. Prof. of math. Spec. in class field theory and algebra. Summer 1937 retired, because wife was of Jewish descent. Sept. 1937 emigr. with fam. to U.S. with job offer. 1938- prof. of math, Indiana Univ. 1946- prof. of math, Princeton Univ. June 1958 returned to Fed. Repub. Ger. 1958 Prof. and dir. of math sem, Univ. Hamburg.

Biblio: *Einführung in die Theorie der Gammafunktionen* (1931); *Galois' Theory* (Ger. trans. 1959); John Tate and Serge Lang, eds, *The Collected Papers of Emil Artin* (1965); *The Gamma Functions* (1969); co-auth, *Class Field Theory* (1967); *Biblio*. in G. V. *Sources*: Arch, Hand, Pers, Print. — 1fZ.

Artzy, Rafael (until 1933 Deutschländer), prof. of mathematics; b. Königsberg, E. Prussia, Ger. (Kalininingrad, U.S.S.R.) 23 July 1912. R: Jewish. E: 1933 Pal, 1960 U.S., 1975 returned to Isr. Cit: 1966 U.S. and Isr, fmly. Ger, 1935 Pal. (Isr.). F: Eduard Deutschländer, b. Hamburg 1880, d. 1923, Jewish, sec. educ, merchant, Zionist. M: Ida Freudenheim, b. Königsberg 1878, d. 1964, Jewish, D.D.S., dentist, Zionist, 1933 to Pal. S: (none). ∞ 1934 Elly Iwiansky, b. Königsberg 1915, Jewish, 1933 to Pal, att. home econ. sch. in Tel Aviv, playground supr. C: Ehud, b. Tiberias, Isr. 1939, Ph.D. in computer sci, lect, Haifa Univ; Michael, b. Tiberias 1944, Ph.D. in archeology, prof, 1960 to U.S., 1977 prof, Haifa Univ; Barak, b. Petah Tikvah, Isr. 1949, d. 1975, B.A. in hist.

1930-33 att. Univ. Königsberg; 1933 studies interrupted. Concurr. 1927-33 leader in Habonim, Königsberg and 1931-32 active in K.I.V. Aug. 1933 emigr. to Pal. on B-III cert. 1933 gave private lessons; wife worked as housekeeper. 1933-34, 1942-44 att. Hebrew Univ; 1934 M.A.; 1945 Ph.D. 1935-51 teacher, princ. of high schools in Haifa, Nahariyyah, Tiberias, Kiryat Motzkin. Concurr. 1936-46 Haganah underground off; 1946-48 off. with Aliyah Bet; 1948-49 police inspector. 1951-60 mem. fac, Technion, Haifa: 1951 instr, 1953 lect, 1955 sr. lect, 1959 assoc. prof. 1956-58 res. assoc, lect, Univ. Wisconsin, Madison. 1960 emigr. to U.S. 1960-61 assoc. prof, Univ. North Carolina, Chapel Hill; 1961-65 prof, Rutgers Univ, New Brunswick, N.J. 1964 vis. Inst. for Advanced Study, Princeton, N.J. 1965-67 prof, S.U.N.Y., Buffalo, N.Y. 1967-75 (?) prof, Temple Univ, Philadelphia. 1970 vis. prof, Technion, Haifa. 1975 returned to Isr. From 1975 mem. fac, Haifa Univ, 1975-head, dept. of math, 1978-80 dean of soc. and math. studies. Spec. in geometry, projective planes, algebraic properties and geometric applications. Lect. at Ger. univs; 1962 dir. of math. sem. in Oberwolfach, Ger. Org. and led intl. conferences on geometry. Mem: Isr. Math. Union; Am Math. Soc; A.A.U.P.; Math. Assn. of Am. Recd: Nat. Sci. Found. res. grants (1962-67); Isr. Medal "Aleph" for underground serv. A: (1979) Haifa.

Biblio: *Linear Geometry* (Reading, Mass, 1965); also auth. of ca. 40 res. arts. on geometry and algebra in math. journals in U.S., Isr, Fed. Repub. Ger, Can, Switz, It, Tur; ca. 300 revs. in journals, and encycl. arts. on geometry. *Sources*: Hand, Qu. — R.F.J.I.

Aschaffenburg, Gustav, psychiatrist; b. Zweibrücken, Saxony, Ger. 23 May 1866, d. Baltimore, Md. 2 Sept. 1944. R: 1899 Protestant, fmly. Jewish. E: 1939 Switz, 1939(40?) U.S. Cit: Stateless, fmly. Ger. F: Lazarus (Louis) A, b. Albersweiler, Palatinat, Bavaria, Ger. 1828, d. Cologne 1914, Jewish, Talmud teacher and merchant. M: Julie Feibes, b. Lengerich, Westphalia, Ger. 1843, d. 1929, Jewish, active in cmty. work. S: Anna Levi, b. Zweibrücken 1864, d. Pal. 1940s; Otto, b. Cologne 1869, d. Cologne 1933, co-owner of textile factory; Hermann, b. Cologne 1872 (?), d. Cologne 1920, co-owner of textile facto-

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ry; Clara Herz, b. Cologne 1875, d. Belg. 1940 (suicide); Elise Herz, b. Cologne 1882, emigr. to U.S. a. Louisville, Ky. ∞ 1901 Maria (Maja) Thekla Nebel, for further info. on ∞ and C see son → George Amberg.

Att. Univs. Heidelberg, Würzburg, Freiburg/Breisgau, Berlin and Strassburg; spec. in psychiatry and neurol. under Krafft-Ebing in Vienna, and Ball, Charcot and Pierre Marie in Paris; 1890 Dr. med, Univ. Strassburg. 1895 physician, Kraepelin's Clinic, Heidelberg. 1895–1900 mem. fac, Univ. Heidelberg; 1895 Privatdoz, 1900 a.o. Prof. 1900 dir, Inst. for the Criminally Insane, Halle, Saxony. 1904–34 o. Prof. of psychiatry, Univ. Cologne, and dir. of its Lindenberg Clin. for Nervous and Mental Diseases. Concurr: 1904 co-dir, Inst. of Criminology, Cologne; 1904 ed, *Bibliothek der Kriminalistik*; 1904–35 fdr, ed, *Monatschrift für Kriminalpsychologie und Strafrechtsreform*; 1911–23 ed, *Handbuch der Psychiatrie*; W.W. I. serv. as psychiatric consult. to Ger. Army; recd. E.K. first class. Founder of forensic psychiatry in Germany based upon principles of modern psychology, and aimed at rehabilitation and elimination of social causes of crime; active in penal reform; instrumental in ridding institutions for the insane of straitjackets and barred windows. Consult. in forensic psychiatry to Eur. govts. Mem. and off: Deut. Naturwissenschaftliche Ges; Deut. Verein für Psychiatrie; Intl. Kriminalistischer Ver; others. Recd: Dr. jur. h.c., Univ. Heidelberg (1926); Dr. phil. h.c. (1932). 1939(40?) emigr. to Switz. on vis. wife to join sick wife returning from It. Sept. 1939 emigr. with wife to U.S. Res. prof. of criminal psych, Catholic Univ. of America, Washington, D.C. Consult. psychiatrist, Mount Hope Retreat, Baltimore, Md. Prof. of psychiatry, Johns Hopkins Univ. Mem: Am. Psychiatric Assn. (hon. mem. 1942–); Rudolf Virchow Med. Soc.

Biblio: *Das Verbrechen und seine Bekämpfung* (Heidelberg, 1903; 3rd ed. 1923; Eng. ed. Boston, 1913; Montclair, N.J. 1968); *Die Sicherung der Gesellschaft gegen gemeingefährliche Geistesranke* (Berlin, 1912); *Allgemeine Symptomatologie der Psychosen* (Leipzig-Vienna, 1915); *Lokalisierte und allgemeine Ausfallserscheinungen nach Hirnverletzungen* (Halle, 1916); co-auth, *Handbuch der gerichtlichen Psychiatrie* (3rd ed. Berlin, 1934); many works translated; for other listings see Grinstein (vol. 1, 1956). *Lit:* Hermann von Hentig, in Hermann Mannheim, ed, *Pioneers in Criminology* (London, Chicago, 1960); *Beiträge zur Kriminalpsychologie und Strafrechtsreform*, Festgabe zum 60. Geburtstag von Gustav Aschaffenburg (Heidelberg, 1960). *Sources:* E.G.L. Hand, News, Pers, Print. — R.F.J.I.

Aschaffenburg, Walter Eugene, composer, prof. of music theory; b. Essen, Rhineland, Ger. 20 May 1927. *R:* Protestant. *E:* 1938 U.S. *Cit:* 1944 U.S. fmly. Ger. *F:* William (Wilhelm) Arthur A. b. Essen 1889, d. Hartford, Conn. 1957, Protestant, Dr. jur., lawyer, 1938 to U.S. with wife and children. *M:* Margarethe Herz, b. Cologne 1900, d. Hartford 1942, Protestant. *S:* Edith D. Wilhelm, b. Essen 1925, B.A.; Renate Christensen, b. Essen 1929, B.A. ∞ 1951 Nancy Dandridge Cooper, b. Fort Leavenworth, Kansas 1930, Protestant, M.A., elem. sch. teacher, res. assist. off. mgr; 1978 assist. to the pres, Oberlin Coll, Oberlin, Ohio. *C:* Ruth Margareta, b. 1957, student; Katherine Elizabeth, b. 1961, student.

June 1938 emigr. to U.S. with fam. 1942–45 att. Hartford Sch. of Music; 1945 dipl. while attending high sch. 1945–47 serv. U.S. Army; 1946 as special agent in Counterintell. Corps in Ger. 1947–51 att. Oberlin Coll; 1951 B.A. 1951–52 att. Eastman Sch. of Music, Rochester, N.Y.; 1952 M.A. 1952– mem. fac, Oberlin Coll. Cons. of Music: 1952–56 instr. in music theory, 1956–57 assist. prof. of music theory, 1957–66 assist. prof. of music theory and composition, 1966–71 assoc. prof., 1968–73 chmn. of music theory dept, 1971– prof. of composition and music theory. Concurr: 1953, 1954 resid. in Yaddo, an artists' colony in Saratoga Springs, N.Y.; 1956 studied in Florence with Luigi Dallapiccola; 1955–56, 1973–74 Guggenheim fel. Mem: A.A.U.P. (fmr. chap. pres.); 1955–56 Music Cent; Am. Soc. of Univ. Composers; A.C.L.U. Recd: Fromm Music Found. Award (1953); Huntington Hartford Found. Cent. (1959);

Award and Citation, Nat. Inst. of Arts and Letters, New York (1966). *A:* (1978) Oberlin.

Works: *Ozymandias*, symphonic reflections for orch. (1952); *Bartleby*, opera in prologue and two acts (Bryn Mawr, Penn, 1967); *Three Dances for Orchestra* (Bryn Mawr, Penn, 1972); *Conversations*, six pieces for piano (1973); also, compositions for violin, cello, brass, a woodwind quintet, and a string quartet. See *Riemann*, 1972 Supp. *Arch:* Perf. Arts Res. Cent, Lincoln Cent, New York. *Sources:* Hand, Qu. — R.F.J.I.

Ascher, Abraham, prof. of history; b. Breslau, Lower Silesia, Ger. (Wroclaw, Pol.) 26 Aug. 1928. *R:* Jewish. *E:* 1939 U.K., 1943 U.S. *Cit:* 1950 U.S. fmly. Pol. *F:* Jakob A. b. Scyzow, E. Eur. 1892, d. U.S. 1970, Jewish, elem. educ, 1920 to Ger, merchant, 1938 to U.S. owner of small furniture store. *M:* Feiga Storch, b. Gorlice, Galicia, Aus. (Pol.) 1892, d. U.S. 1949, Jewish, elem. educ, 1920 to Pol, 1939 to U.K., 1943 to U.S. *S:* Henry, b. Breslau 1920, 1939 to U.K., 1947 to U.S. Hebrew sch. prin; Mordechai Ben-Asher, b. Breslau 1922, d. 1976, emigr. to Pal, Ph.D. prof. of Hebrew, Haifa; Esther Adler, b. Breslau 1924, 1939 to Pal, 1947 to U.S. Hebrew teacher. ∞ 1958 Anna Schaffer, b. Baltimore, Md. 1935, Jewish, B.A., worked for C.I.A. *C:* Deborah, b. 1959; Rachel, b. 1962; Stephen, b. 1966.

July 1939 emigr. to U.K. on temp. visa with mother. 1943 emigr. to U.S. on permanent visa to join father. 1946–50 att. City Coll, New York (C.U.N.Y.); 1950 B.S. 1950–57 att. Columbia Univ; 1951 M.A., 1957 Ph.D. Concurr: scriptwriter for Voice of Am; 1953–57 instr. of hist, Brooklyn Coll, New York (C.U.N.Y.); 1956–57 part time instr. of hist, Rutgers Univ, Jersey City, N.J. 1957–58 res. analyst in intl. communism, U.S. Dept. of State. 1958–60 assist. prof. of hist, S.U.N.Y. Stony Brook, N.Y. 1960– mem. fac, dept. of hist, Brooklyn Coll, New York (C.U.N.Y.); 1960 assist. prof., 1965 assoc. prof., 1970–prof., 1967–68 acting chmn. of dept, 1974–76 chmn. Concurr: fel, 1963–64 Rockefeller Found, 1968–69 A.C.L.S. 1968–69 res. fel, Russ. Res. Cent, Harvard Univ, 1974–75 N.E.H. sr. fel; also summer res. grants. 1976–78 dir, div. of educ. progs, N.E.H. Sept. 1979 exec. off, dept. of hist, C.U.N.Y. Grad. Cent. Spec. in Russian socialism of the 19th and 20th centuries. Mem: Am. Assn. for the Advancement of Slavic Studies; syn. educ. comm. *A:* (1979) Manhasset, N.Y.

Biblio: "The Kornilov Affair," *Russ. Rev.* (vol. 21, 1953); co-auth, "National Bolshevism in Weimar Germany," *Soc. Res.* (vol. 23, 1956); "Imperialists Within German Social Democracy Prior to 1914," *Journ. of Cent. Eur. Affairs* (vol. 20, 1961); "Pavel Axelrod: A Conflict between Jewish Loyalty and Revolutionary Dedication," *Russ. Rev.* (vol. 24, 1965); "Axelrod and Kautsky," *Slavic Rev.* (vol. 26, 1967); *Pavel Axelrod and the Development of Menshevism* (Cambridge, Mass, 1972); *The Kremlin* (1973); ed. and intro, *The Mensheviks in the Russian Revolution* (London and Ithaca, N.Y., 1976); contrib. num. arts. and revs. to prof. journals; for biblio. to 1979 see R.F.J.I. arch. *Sources:* Hand, Qu. — R.F.J.I.

Ascher, Leo, composer; b. Vienna 17 Aug. 1880, d. New York 25 Feb. 1942. *R:* Jewish. *E:* 1938 U.S. *Cit:* Aus. *F:* Moriz, d. Vienna ca. 1916, Jewish, umbrella mfr. *M:* Eva Friedenthal, d. Vienna ca. 1913, Jewish. *S:* Arnold, b. Vienna, d. Vienna May 1938 in Gestapo prison, pres, Vienna lodge, B'nai B'rith; Rudolphine Handler, d. Vienna 1937; Josefina Tausky, d. Prerau, C.S.R. 1937. ∞ 1908 Luise Frankl, b. C.S.R. 1872, d. New York 1952, Jewish. *C:* → Franz Ascher-Nash.

1898–1904 studied piano with Hugo Reinhold and Louis Thern, and composition with Robert Fuchs, A.M.d.K.; also studied privately with Franz Schmidt. 1904 Dr. jur., Univ. Vienna. 1905–37 composed operettas. Concurr. cond. for radio stations in Ger. and Aus; also for B.B.C. Cond. for all opening nights of all his operettas. 10 Nov. 1938 Kristallnacht; arrested, then released the same evening. Nov. 1938 emigr. to U.S.; lived in New York. 1940 filed claim to U.S. Supreme Court that L.A.'s compositions were being played frequently in Ger. by the Nazis without his receiving royalties for them. Hon: Street in Vienna named Aschergasse after L.A.; Millersville State Coll,

Penn. est. annual Leo Ascher music award donated by dtr. (1975).

Works: Operettas: *Vergeltsgott*, first operetta (Vienna, 1905); *Die Keusche Susanna* (Vienna, 1910); *Hoheit tanzt Walzer* (Vienna, 1912; new version: *Hochzeitswalzer* [Zürich, 1937]); *Der Soldat der Marie* (Berlin, 1915); *Ich hab dich lieb* (Vienna, 1926); *La Barberina* (1928); *Um ein bisschen Liebe* (1937); film scores: *Ihre Durchlaucht die Wäscherin* (Vienna); *Mein Leopold* (Berlin, 1931); *Purpur und Waschblau* (1931); also wrote songs, choral works, piano pieces and marches. *Arch.*: Perf. Arts Res. Cent, Lincoln Cent, New York. *Sources*: *Arch.*: Autobiog., Hand, News, Pers, Print. — R.F.J.I.

Ascher-Nash, Franzi (Franziska), author; b. Vienna 28 Nov. 1910. *R.*: Jewish. *E.*: 1938 U.S. *Cit.*: 1944 U.S. fmly. Aus. For *F.* *M* and *S*, see father → Leo Ascher. ∞ 1959 Edgar R. Nash (fmly. Natscheradetz), b. Vienna 1893, d. New York 1965, Jewish, dir., Böhmische Escompte-Bank und Kreditanstalt in Prag, 1938 to Fr, 1940 to Switz, after W.W.II to U.S. *C.*: (none).

1928 Matura. Until 1932 att. Univ. Vienna. Studied singing, music acad. 1933–34 student at Volksoper, Vienna. Subsequently auth. of short stories for Viennese newspapers. 1937–38 trans. of film dialogues for United Artists Agcy. in Vienna. Nov. 1938 emigr. to U.S. via Switz. and Fr. 1939–40 one-act radio plays for Ger. Am. Writers' Assn. under chairmanship of → Oskar Maria Graf. 1941 prog. series, "A Viennese Sees New York" for Station WLTH. 1941–49 music critic for *Neue Volks-Zeitung*, New York. *Concurr.*: 1941–49 contrib. to *Aufbau* and *New Yorker Staatszeitung und Herald*; 1945–49 contrib. to *Austro-Am. Tribune*; others. 1954– lect. on music hist, New School for Social Research. Part-time secy. and interviewer for pub. opinion surveys. Public lecturer; author of poetry, essays and short stories for American radio broadcasting companies and for American and European newspapers. Mem: B'nai B'rith Liberty Lodge (1956); *Verband deutschsprachiger Autoren in Amerika* (1974). *A.*: (1978) Elmhurst, N.Y.

Biblio: *Bilderbuch aus der Fremde* (Vienna, 1948); *Gedichte eines Lebens* (Darmstadt, 1975); *Essays aus jüngster Zeit* (Saarbrücken, 1976); others; further biblio. in IFZ arch. *Arch.*: Max Kade Res. Cent, Univ. Kentucky, Lexington. *Sources*: Hand, Qu. — IFZ.

Aschheim, Isidor, painter, graphic artist; b. Margonien near Kolmar, Posen, Ger. (Margonin, Pol.) 14 Sept. 1891, d. Jerusalem 19 May 1968. *R.*: Jewish. *E.*: 1939 Pal. *Cit.*: Pal. (Isr.). fmly. Ger. *F.*: Jewish, businessman. *S.*: 1 sister, d. China, emigr. to China; 1 brother, d. in Holocaust. ∞ I. 1934 Charlotte Malten née Gross, b. Breslau, Lower Silesia, Ger. (Wrocław, Pol.) 1902, sculptor, 1940 to U.S., a: U.S.; II. Margo Lange, b. Glewitz, Upper Silesia, Ger. (Gliwice, Pol.), att. Acad. of Arts, 1940 to Pal.

1904 in Breslau. 1919–23 studied at the Breslau Art Acad. with Otto Müller and Friedrich Pautsch, then drawing instr. 1925– mem. of Künstlerbund Schlesien. Partic. in exhs. of the Berliner Sezession, Preussische Akademie der Künste and gall. in Berlin. Travelled to It, Fr, Pol. Worked as stage designer at the Ger. Lobe-Theater. 1933 prohibited from exhibiting and painting. Expelled from R.K.B.K. 1933–39 instr. at Jewish schs. End 1939 emigr. leaving collected works behind. Most works lost during W.W.II. 1939 emigr. to Pal. on the illegal Aliyah Beth boat, *Hilda*, with a C-cert. for 3 mos; then interned by Brit. admin. for ca. 7 mos. at Atlith detention camp. 1940– freelance painter in Jerusalem. 1943–68(?) instr. then dir. at Bezalel Sch. in Jerusalem. 1948– co-fdr. and mem. of Artist's Assn., Jerusalem. Mem. of the Jerusalem Sch., which incl. → Jakob Steinhardt, → Shalom Sebba, → Miron Sima, → Mordecai Ardon, and other refs. from Nazi Ger. Graphic artist in the Expressionistic style; lithographer and printmaker. Recd: Dizengoff-Prize, Tel Aviv (1951); Art Prize, Jerusalem (1955). *Exhibitions*: Individual shows incl. to 1933 at Breslau and Berlin (Arnold, Miller, Stengel Galls.); after 1933 at mus. at Haifa, Tel Aviv, Jerusalem, and Düsseldorf. Group shows incl. Ve-

nice Biennale (1956, 1958); Graphic Biennale, Ljubljana, Yugo. (1959); Helsinki (1967). *Collections*: Incl. Israel Mus., Jerusalem; Haifa Mus. of Modern Art; Boston Pub. Libr.; public and priv. collections in U.S., Isr., It, Fed. Repub. Ger, Switz.

Lit.: H. Patora, "Der Maler J.A.," *Die Kunst und das schöne Heim* (vol. 59, no. 6, 1961); *I.A. Handzeichnungen, Grafik* (Kunstamt Berlin-Charlottenburg, 1968); *Jüdische Maler und Grafiker*, cat. Ostdeut. Galerie (Regensburg, 1977); Hansen, *Judenkunst*; Vollmer; Roth, *Juden. Sources*: Hand, Pers, Print. — IFZ.

Aschheim, Selmar, gynecologist; b. Berlin 1 Oct. 1878, d. Paris 15 Feb. 1965. *R.*: Jewish. *E.*: 1937 Fr. *Cit.*: 1938 Fr, fmly. Ger. *F.*: Heymann F, b. Exin, Prov. Posen 1832, d. Berlin 1914, Jewish, merchant. *M.*: Ernestine Hirschberg, b. Exin 1845, d. Berlin 1903, Jewish. *S.*: Henriette Jenny, b. Berlin 1875, d. Berlin 1916; Meta, b. Berlin 1876, d. before 1914, teacher; Toni, b. Berlin; Alice Rönisch, b. Berlin, d. Eichwalde near Berlin after 1945. ∞ 1919 Eva Alice Lea Fliess, b. Berlin 1893, d. Paris 1965, Protestant. *C.*: Pierre, b. Berlin 1921, M.D., Maître de Recherche at Centre National de la Recherche Scientifique, Paris.

1888–1896 att. Askanisches Gym. in Berlin. Studied med, Univs. Berlin and Freiburg/Br.; 1901 Staatsexamen and Dr. med. 1901–05 furthered gynecological studies. 1905– priv. practice as gynecologist in Berlin. *Concurr.* spec. work in field of hormone res. 1912– head of sci. lab. of univ. hosp. for women, Charité Hosp, Berlin. 1915–18 serv. W.W.I head physician Ger.-Osmanic med. commn. in Constantinople; then med. off. in Tur. Army, and last staff surgeon W. front; recd. E.K. II. *Cont. sci. res.* with → Bernhard Zondek. Epoch-making discovery of the female sex-hormone in the urine of pregnant women. 1930 lect. and 1931– Hon. Prof. of gynecological histology, Univ. Berlin. 1935 dismissed from pub. duties. 1937 emigr. to Fr. with fam. 1937–57 Maître, then dir. of Centre National de la Recherche Scientifique, Paris (C.N.R.S.). Employment interrupted during Ger. occup. of Fr. Went underground until liberation of Paris in 1944. 1944–65 cont. res. at C.N.R.S. Mem: Sociétés de Physiologie, de Gynécologie et Obstétrique, de Biologie, Paris; Ger. Acad. of Sci, Berlin (corresp. mem. 1955). Hon. mem: Royal Soc. of Med, London (hon. corresp. 1934); Soc. d'Endocrinologie, Paris (1939); Ger. Soc. for Gynecology (1952); Rudolf Virchow Med. Soc, New York (1960); Ger. Soc. for Endocrinol. (1960). Recd: Dr. h.c., Med. Fac, Humboldt Univ, Berlin (1960).

Biblio: In *Les Annales d'Endocrinologie* (vol. 15, no. 3, 1954); Kürschner G.K. (1966). *Lit.*: "Pierre Aschheim, A propos de l'histoire du diagnostic biologique de la grossesse," *Bruxelles-Médical* (vol. 34, no. 48, 1954); different references to S.A.'s merits in sci. mags. incl. *Neue Ztg. für ärztliche Fortbildung* (Neue Folge 1, 1958); *Zentralblatt für Gynäkologie* (vol. 30, 1965); *La Presse Médicale* (vol. 23, 1965). *Sources*: Hand, Journ, Pers, Print. — IFZ.

Aschner, Fritz Simon, engineer; b. Breslau, Silesia, Ger. (Wrocław, Pol.) 23 Dec. 1903. *E.*: 1936 Pal. *Cit.*: Isr. (until 1948 Pal.) and Ger. *F.*: Max A, b. Nikolai, Upper Silesia, Ger. (Mikolow, Pol.) 1866, d. 1923. *M.*: Eugenie Oettinger, b. Mannheim, Baden, Ger. 1869, d. Auschwitz concentration camp 1943. *S.*: (none). ∞ Margot Lewy. *C.*: Ruth Berman, b. 1931; Reuben Eshel, b. 1936.

1921–27 att. T.H. Munich, Zurich and Breslau; 1926 Dipl.-Ing. mech. engr, 1927 Dipl.-Ing. elec. engr, T.H. Breslau. *Concurr.* 1916–30 mem. Kameraden. 1927–36 with Turbine Works of Allg. Elektrizitäts Ges, Berlin: 1927 engr, Thermodynamics Dept, 1929 design engr, Power Station Dept. *Concurr.* 1934 Dr. Ing. mech. engr, T.H. Breslau. 1936 emigr. to Pal. 1933–66 head, Mech. Planning and Design Dept, Isr. (fmly. Pal.) Elec. Corp. 1952–73 mem. fac, Technion, Haifa: 1952 assoc. prof, 1971 prof, mech. and nuclear engr, since 1973 prof. emer. *Concurr.*: 1969 vis. prof, Inst. für Dampfkräftmaschinen, T.H. Munich; studied nuclear engr. 1956 at Univ. London; 1959 at Harwell Reactor Sch. of Brit. A.E.C.; 1968 res. scholar, dept. of nuclear engr, Univ. California, Berkeley; 1969 consult, Motor-Co-

lumbus Ltd, Baden, Switz. Spec. in application of nuclear energy to sea-water desalination. Fel: Inst. of Mech. Engrs; Inst. of Elec. Engrs, London. Mem: Isr. Engrs. and Archits. Assn. (tech. coun.); H.O.G.A.: (1980) Haifa.

Biblio: *Dampfurbinkenkraftwerke kleiner und mittlerer Leistung* (diss, T.H. Breslau, 1934, publ. Berlin, 1935); *Planning Fundamentals of Thermal Power Plants* (New York, 1978); contrib. arts. on tech. subjects to books and prof. journals. in Isr. and abroad. **Sources:** Hand, Qu. — R.F.J.I.

Ashtor, Eliyahu (orig. Eduard Strauss), prof. of Islamic history and librarian; b. Vienna 17 Sept. 1914. *E:* 1938 Pal. *Cit:* Isr.

Att. Theol. Sem, Vienna for five yrs; 1936 Dr. phil. in Oriental studies, hist, Univ. Vienna. 1938 emigr. to Pal. 1939–57 librarian, oriental dept. of the Nat. and Univ. Libr, Hebrew Univ. Concurr: 1944 Ph.D. Hebrew Univ; 1948–50 res. fel, concurr. 1949–50 and 1952–53 external teacher; 1955 lect. Arabic studies, 1956–68 lect. Moslem law in law fac, 1963 assoc. prof, 1969 prof, Hebrew Univ. Concurr: 1967–68 Directeur d'études associé, École Pratique des Hautes Études, section des sciences économiques, Sorbonne; 1968–69 vis. prof, dept. hist, Harvard Univ. 1972–73 vis. lect, Univ. Zurich. *A:* (1976) Jerusalem.

Biblio: *Toledot haYehudim beMizrayim veSuryah tahat Shilton haMamlukhim* (History of the Jews in Egypt and in Syria under the Mamluks; 3 vols, Jerusalem, 1944–70); *Korot haYehudim beSefarad haMuslamit* (History of the Jews in Moslem Spain; 2 vols, Jerusalem, 1960–66); *Histoire des prix et des salaires dans l'Orient médiéval* (Paris, 1969); *Les métaux précieux et la balance des paiements du Proche Orient à la basse époque* (Paris, 1971); approx. 150 sci. papers and revs. in Hebrew, Eng, Fr, Sp. and Ger. concerning hist. of Moslem civ, hist. of Jews in Moslem world, econ. hist. of the Mediterranean. **Sources:** Hand, Qu, Print. — R.F.J.I.

Askin, Leon (fmly. Aschknasy), actor; b. 1907; see Straschek film biographies.

Asriel, André, composer, prof. of music; b. Vienna 22 Feb. 1922. *E:* 1938 U.K., 1946 Soviet Occup. Zone, Ger.

1936–38 student, A.M.d.K., Vienna. 1938 emigr. to U.K. 1939–40 studied at Royal Coll. of Music, London. 1940–45 studied composition privately with → E.H. Meyer and piano with Osborn. 1946 emigr. to E. Berlin. 1947–49 studied composition with Schwarz-Schilling and piano with R. Rössler at Berlin Hochschule für Musik; 1949 State Exam. 1950–51 att. master classes with → Hanns Eisler at Deut. Akad. der Künste, Berlin. 1951–lect. on musical phrasing, Deut. Hochschule für Musik, E. Berlin, 1968 prof; concurr. 1951–53 mem. staff, "Unser Lied – unser Leben" div, E. Berlin Radio. 1956 studied composition with Luigi Dallapiccola in Florence. Recd: Nat. Prize, 3rd class (1951); Kunstpreis, Freier Deut. Gewerkschaftsbund (1970). *A:* E. Berlin.

Works: Symph. music incl. *Four Inventions*, for trumpet, trombone and orch. (1963); *Metamorphosen* (1968); *Serenade for 9 instruments* (1969); Choral music incl. *Suite in Scat*, for chorus with rhythm group (1965); *Six Fables*, based upon Aesop's fables, for chorus; also *Baroque in Blue*, suite for guitar (1962); a series of film scores incl. *Der verlorene Engel* (1966); *Faust I*, show music (1968); num. Lieder, songs, and ballads incl. *Lied vom Sankt Nimmerleinstag* (1948); *Sechs Lieder*, based upon → Bertolt Brecht (1954) and *Jüdisches Liebeslied* (1960); music for T.V. and radio shows. **Biblio:** *Jazz, Analysen und Aspekte* (Berlin, 1966); co-auth, *Musiklexikon* (Leipzig, 1966). **Sources:** Hand, Print. — R.F.J.I.

Aster, Ernst von, prof. of philosophy; b. Berlin 18 Feb. 1880, d. Stockholm 22 Oct. 1948 on vacation. *E:* 1933 Swed, 1936 Tur. *Cit:* Ger. *F:* Eduard v. A., b. 1825, d. 1897, officer. *M:* Hedwig Bock, b. 1848, d. 1923. ∞ 1923 Heldur Dixelius, Swed. writer.

Studied natural sci. and philos. at Univs. Berlin and Munich; 1902 Dr. phil, Univ. Munich under Theodor Lipps. 1905 Habil.

with work *Untersuchungen über den logischen Gehalt des Kausalgesetzes*. 1913–33 mem. fac, Univ. Giessen: 1913 a.o. Prof, 1920–33 o. Prof. of philos. and educ, 1933 dismissed. Mem. S.P.D. and Weimar Circle of democratic-minded Univ. profs. 1933 emigr. to Swed. 1936 emigr. to Tur, app. Prof, Univ. Istanbul. Teacher and researcher on the history of philosophy, systematic philosophy and philosophy of law. Attempted a revival of Nominalism, on which his philos. of nature was oriented.

Biblio: *Prinzipien der Erkenntnislehre* (Leipzig, 1913); *Geschichte der antiken Philosophie* (Berlin, 1920); *Geschichte der neueren Erkenntnistheorie* (Berlin, 1921); *Raum und Zeit in der Geschichte der Philosophie und Physik* (Munich, Berlin, 1922); *Goethes Faust* (Munich, Berlin, 1923); *Geschichte der englischen Philosophie* (Bielefeld, 1926); *Die Psychoanalyse* (Berlin, 1930, 2nd ed. 1949); *Naturphilosophie* (Berlin, 1932); *Die Philosophie der Gegenwart* (Leiden, 1935); *Felsefe Tarihi Dersleri I – İlk ve ortaçağ Felsefesi* (Lectures on the Hist. of Philos. I – Philos. of Ancient Times and of the Middle Ages, Istanbul, 1943); *Hukuk Felsefesi Dersleri* (Lectures on Philos. of Law, Istanbul, 1943); *Bilgi teorisi ve mantık* (Theory of Sci. and Logic; Istanbul, 1945); biblio. in *G.K.* (1925–); *N.D.B.* 1. *Lit:* Memorial copy of Turkish journ. *Felsefe Arkivi*, with complete biblio. (vols. 2, 3, Istanbul, 1943); Widmann, *Bildungshilfe*. *Arch:* S.P.S.L. **Sources:** Arch, Hand, Journ, Print. — IfZ.

Aterman, Kurt, prof. of pathology; b. Bieltitz, Galicia, Aus. (Bielsko, Pol.) 9 Sept. 1913. *R:* Jewish. *E:* 1939 U.K., 1957 Can. *Cit:* Can, fmly. Brit. *F:* Max A., b. London 1888, d. U.K. 1944, educ. T.H.; tech. engr, 1939 to London from C.S.R. *M:* Amalia, b. Pol. 1890, d. U.K. 1974, Jewish, emigr. with spouse. *S:* Lilli Kolin, b. Bieltitz 1911, Gym. educ, secy, emigr. with fam, a: U.K. ∞ 1955 Helen Rita Lawrence, b. London 1927, Catholic, B.A., emigr. to Can. *C:* Robert, b. Chicago 1957, student; Paul, b. Halifax, Nova Scotia, Can. 1959, student; Peter, b. Halifax 1961, student.

To 1933 student, Deut. Realsch, Ostrava, C.S.R. 1936 Masaryk Found. fel, Charles Univ, Prague; 1938 Dr. med. 1938 clin. assist, Czech. Univ. Children's Clin, Prague. April 1939 emigr. with fam. to U.K. Recd. aid from Soc. of Friends, Intl. Student Serv. and Self-Help. 1939–42 att. Queen's Univ, Belfast; 1942 B. med; B. chem; 1965 D.Sc. W.W. II capt, Royal Army Med. Corps in India. 1948–50 Commonwealth fel, Harvard Univ. and Univ. Chicago. 1950–58 sr. lect, Univ. Birmingham; 1959 Ph.D. Concurr: 1956 Willett fel, Univ. Chicago. 1957 emigr. to Can. upon receipt of job offer. 1958–61 assoc. prof. of pathol, Dalhousie Univ, Nova Scotia, Can. 1961–63 prof, Women's Med. Coll, Pa. 1963–67 prof, State Univ. N.Y., Buffalo and Children's Hosp. 1967–79 prof. of pathol, Dalhousie Univ. and I.W. Killam Hosp. for Children. From 1979 dir. of labs, Regional Lab, Dr. Everett Chalmers Hosp, Fredericton, New Brunswick. Invest. experimental pathology, esp. of the liver. *Fel:* Royal Coll. of Path. Mem: Am. Soc. Exp. Pathologists; Pathol. Soc. Great Brit. and Ireland; Am. Assn. Pathol. and Bacteriol; Royal Coll. of Physicians, London. *A:* (1980) Halifax, Can.

Biblio: Co-auth, "Liver Necrosis, Adenovirus Type 2 and Thymic Dysplasia," *Virchows Archiv, Abteilung A: Pathol. Anat.* (vol. 360, Aug. 1973); co-auth, "Die Erzeugung von Lebertumoren durch lokale Implantation von Carcinogenen," *Verhandlungen der deut. Ges. für Pathologie* (vol. 59, 1975); co-auth, "Pulmonary Hypertension due to Multiple Emboli," *Journ. Pediatrics* (vol. 92, no. 5, 1978); "A Possible Early Example of Mucocutaneous Lymph Node Syndrome," *Journ. Pediatrics* (vol. 92, no. 6, 1978); "The Development of the Concept of Lysosomes. A Historical Survey with Particular Reference to the Liver," *Journ. of Histochem.* (vol. 11, 1979); co-auth, "Extrarenal Wilms' Tumor: A Review and Case Report," *Investigative and Cell Pathology* (vol. 2, 1979). **Sources:** Hand, Qu. — R.F.J.I.

Auerbach, Alfred, author, music and drama teacher; b. Stuttgart, Ger. 9 June 1873, d. Stuttgart 31 Jan. 1954. *R:* Jewish. *E:* 1933(?) emigr, 1941 U.S., early 1950s Fed. Repub. Ger. *F:* Ben-

jamin A, merchant. *M*: Emma Fröhlich. ∞ 1908 Evelyn Kahn née Loeb. *C*: Trude. *b*. 1909.

Merchant, later att. music cons, Frankfurt/M. 1898–1923 comic and character actor, Schauspielhaus, Frankfurt/M. Concurr. 1906–dir, dept. of drama and instr. of speech tech. and mime, Hoch Cons, Berlin. Auth. of several polit. works for speaking chorus publ. by Arbeiter-Theaterverlag, Leipzig. 1933 presumably emigr.; Jan. 1941 emigr. to U.S. Odd jobs. Author and broadcaster of Swabian progs. for Ger. lang. radio station in Chicago. Failed to est. acting and film writing career in Hollywood. Early 1950s returned to Stuttgart. Stage and radio writer, and satirist. Author of Swabian folkplays.

Biblio: *Mimik* (Berlin, 1910); *Mimik II. Pantomimen* (Berlin, 1922); *Der jüdische Goy*, comedy (Frankfurt/M, 1923); *Schwäbische Miniaturen* (Hannover, 1925); *Der Prominente*, novel (Halle, 1926); *Wir sind die Kraft*, work for speaking chorus (Leipzig, 1930); *Ein Schwabe studiert Amerika*, memoirs (Stuttgart, 1948; serialized in Ger.-Am. newspaper *Sonntagspost*, 1946); *biblio*. in *G.V. and L.K.N. Sources*: Autobiog, Hand, Print. — IFZ.

Auerbach, Charlotte, prof. of animal genetics; *b*. Krefeld, Rhineland, Ger. 14 May 1899. *R*: Jewish. *E*: 1933 U.K. *Cit*: 1940 U.K. *fmy*. Ger. *F*: Friedrich A, *b*. Breslau, Silesia, Ger. (Wrocław, Pol.) 1870, *d*. 1924, Jewish, Dr. phil. chem. res. chemist, Oberregierungsrat. *M*: Selma Sachs, *b*. Jauer, Silesia, Ger. (Jawor, Pol.) 1878, *d*. Scot. 1955 Jewish, 1939 to Scot. *S*: (none). ∞ (none). *C*: (none).

1919–23 att. Univs. Berlin, Würzburg, Freiburg/Breisgau; 1923 Staatsexamen. Trained for sec. sch. teaching, Elisabeth Sch, Frankfurt/M and Luisen-Sch, Berlin. Until 1931 Studienreferendar in var. schs. 1931–33 att. Kaiser-Wilhelm Inst. of Biol., Berlin-Dahlem. Dr. phil. not completed. Oct. 1933 emigr. to Scot, assist. by Woburn House. 1935 Ph.D., Univ. Edinburgh. 1935 personal assist. to prof. F.A.E. Crew. From 1946 mem. fac, Inst. Animal Genetics, Univ. Edinburgh: 1946 lect, 1957 reader, 1967–prof, 1969 prof. emer. Pioneer in the field of chemical induction of mutations; exp. with chemicals, ultraviolet light, X-rays, etc. on flies, mice and fungi. Co-discoverer of mutagenic action of mustard gas in 1940. Fel: Royal Soc, Edinburgh (1949); Royal Soc, London (1957). Mem: Genetics Soc. Jap. (hon. mem. 1966); Kongelige Danske Videnskabernes Selskab (1968); Nat. Acad. of Scis. (fgn. assoc, 1970); Genetic Soc. Britain. Recd: Keith Prize, Royal Soc, Edinburgh (1947); Am. Soc. Environmental Mutagens award (1972); Eur. Soc. Environmental Mutagens award (1975); Darwin Medal, Royal Soc. London (1977); Dr. Sci. h.c., Univs. Leiden (1975), Cambridge (1977), Dublin (1977). *A*: (1978) Edinburgh.

Biblio: *Genetics in the Atomic Age* (Edinburgh, 1956, 2nd ed. New York, 1965; also trans. into Ger. and Russ.); *The Science of Genetics* (New York, 1961, 1964; London, 1962); *Mutation, Pt. I – Methods* (Edinburgh, 1962); *Heredity* (Edinburgh, London, 1965); *Mutation Research* (London, 1976); contrib. arts. to sci. journals. *Sources*: Hand, Qu. — R.F.J.I.

Auerbach, Clemens, chemist; *b*. Berlin 30 Nov. 1923. *R*: Jewish. *E*: 1936 Tur, 1945 U.S. *Cit*: 1952 U.S. *fmy*. Ger. *F*: → Erich Auerbach. *M*: Marie Mankiewitz, *b*. Berlin 1892, Jewish. *S*: (none). ∞ 1964 Josette Korman, *b*. Paris 1936, baccal. Lycée, 1956 to U.S. *C*: Claude, *b*. 1966.

1934–36 att. Gym. in Marburg, Hessen-Nassau. 1936 emigr. to Tur. with fam; father appointed prof. at Univ. Istanbul. 1943 B.S., Robert Coll. (Am.), Istanbul. 1945 emigr. to U.S. Help from H.I.A.S. 1948 M.A., Harvard Univ, 1951 Ph.D. in chem. 1950–53 res. fel, Univ. Minnesota. 1953–56 assist. prof, Univ. Buffalo, N.Y. From 1956 with dept. of nuclear energy, Brookhaven Nat. Lab, Upton, N.Y.: 1956–58 assist. chem, 1958–62 assoc. chem, 1962–chem. Res. in analytical chemistry and nuclear materials safeguards dev. Mem: Am. Chem. Soc; A.A.S.A. *A*: (1980) Bellport, N.Y.

Biblio: Ed, *Chemical Instrumentation* (1966–78); contrib. arts. to Am. prof. journals. *Sources*: Hand, Qu. — R.F.J.I.

Auerbach, Edgar, prof. of ophthalmology; *b*. Berlin 10 Aug. 1914. *R*: Jewish. *E*: 1938 Pal. *Cit*: Isr. *fmy*. Ger. *F*: Herbert A, *b*. Berlin 1884, *d*. Haifa 1958, Jewish, Dipl.-Ing., Dr. Ing., T.H. Berlin-Charlottenburg, chemist, builder of chem. factories in C.S.R., 1939 to U.K., 1941 to Pal, dir. of potash works in Haifa. *M*: Many Silbermann, *b*. Odessa, Russ. 1886, *d*. Jerusalem 1962, Jewish, sec. educ. and music acad, concert pianist, emigr. with husband. *S*: Susanne Goldstein, *b*. Berlin 1918, 1940(?) illegal emigr. to Pal. ∞ 1944 Rena Renate Mark, *b*. Allenstein, E. Prussia, Ger. (Olsztyn, Pol.) 1918, Jewish, 1936 to Pal, studied libr. sci. in U.S. and at Hebrew Univ. Libr. Sch, acad. libr., head of acquisitions, Nat. and Univ. Libr., Hebrew Univ. *C*: Judith Sandbank, *b*. Jerusalem 1949, 1977 M.D., Univ. Tel Aviv, physician, Isr. resid.

1934–38 studied philos. and med. German Univ. Prague; studies interrupted; concurr. mem. anti-fascist org. 1938 emigr. to Pal. on B-III cert. Ca. 1940 serv. Brit. Army, 1941–44 res. fel. under Leonid Doljanski, cancer res. lab, Hadassah Hosp; 1944–46 studied med, St. Joseph Univ, Beirut, Lebanon; 1947 M.D. 1946–47 practical yr, Hadassah Hosp, Jerusalem. 1947–spec. in ophthalmology. 1948–59 serv. I.D.F., discharged as major. 1949–52 resid. physician, eye dept, Hadassah Hosp; 1951 second assist, 1957 chief physician, ophthalmology dept; 1952–54 and 1955–57 res. fel. in sensory physiol. biol. labs, Harvard Univ, with Prof. George Wald; Concurr. 1954–55 res. fel, Iowa State Univ. Hosp. From 1958 fdr. and dir, vision res. lab, Hadassah Hosp. and mem. fac, Hadassah-Hebrew Univ. Sch. of Med: 1958 assoc. prof, 1976–Friedenwald Prof. of ophthalmologic res, 1977 full prof; concurr. guest prof. in Ger. Univs. and at Max Planck Inst, Göttingen. Basic research and chemical research on physiology of vision. Mem: Intl. Res. Group on Color Vision Deficiencies (dir. of vision res.); Isr. Assn. of Physiol. and Pharmacol; Isr. Ophthalmological Soc; Intl. Soc. for Clin. Electoretinography; U.S. Nat. Res. Coun. commn. on vision; others. *A*: (1978) Jerusalem.

Biblio: Contrib. arts. to prof. journals. incl. *Journ. of the Neurol. Scis*, *Documenta Ophthalmologica*, *Vision Res*, *Mod. Problems in Ophthalmology*, *Exp. Eye Res*. *Sources*: Hand, Print, Qu. — R.F.J.I.

Auerbach, Erich, prof. of Romance languages and literature; *b*. Berlin 9 Nov. 1892, *d*. New Haven, Conn. 1957. *E*: 1936 Tur, 1947 U.S. *Cit*: Ger. *F*: Hermann A, merchant. *M*: Rosa Block. ∞ 1923 Marie Mankiewitz. *C*: Clemens, *a*: U.S.

Att. French Gym, Berlin. Studied law, Univs. Berlin, Freiburg/Breisgau, Munich and Heidelberg; 1913 Dr. jur., Univ. Heidelberg. Cont. philos. studies in Heidelberg. 1914–18 serv. in W.W.I. 1919–21 studied at Univ. Berlin, dept. of Romance langs. 1921 Dr. phil., Univ. Greifswald, 1922 Staatsexamen. 1923 practical training in Prussian libr., then head libr. at the Univ. Libr., Marburg. 1929–35 mem. fac, Univ. Marburg: 1929 Habil. in Romance langs, lect. on It. lang. and lit, 1930 o. Prof. of Romance langs. and lit. 1935 dismissed and emigr. to Tur. 1936–47 succeeded → Leo Spitzer as o. Prof. for Romance langs. and lit, and dir. of the fgn. lang. sch, Univ. Istanbul. Like Spitzer, A. placed a no. of young emigrés as lects. and instrs. at the lang. sch. (Yabane Diller, Yüsek Okulu). 1947 emigr. to U.S. 1948 vis. prof., Pennsylvania State Univ, University Park. 1949 mem. Inst. for Advanced Study, Princeton. From 1950 prof. of Romance langs. and lit, Yale Univ. Mem: M.L.A.; Medieval Acad.

Biblio: *Mimesis: Dargestellte Wirklichkeit in der abendländischen Literatur* (Bern, 1946; Eng. trans. Princeton, 1953); *Neue Dantestudien* (Zurich, 1944; Tur. trans, 1944); *Roman filolijinsine giris* (Intro. into Romance Languages and Literature; Istanbul, 1944; Fr. trans. Frankfurt/M, 1949; Eng. trans. New York, 1961); *Literatursprache und Publikum in der Lateinischen Spätantike und im Mittelalter* (Bern, 1958; Eng. trans. New York, 1965); *Gesammelte Aufsätze zur Romanischen Philologie* (Bern, Munich, 1967); contrib. var. arts. and essays to colls, incl. in Tur. and U.S. *Lit*: Dante della Terza, "E.A.," in *Belfagor* (vol. 18, May 1936); W.B. Fleischmann, "E.A.'s Critical Theory and Practice: an Assessment," in *Modern Language Notes* (vol. 81, Dec, 1966); *Marburger Gelehrte in der ersten Hälfte des*

20. *Jahrhunderts* (Marburg, 1977); Widmann, *Bildungshilfe: Harry Levin, "Two Romanists in America: Spitzer and Auerbach,"* in Bailyn and Fleming, *Migration. Arch.* S.P.S.L. Sources: Arch, Hand, Journ, News, Print. — IFZ.

Auerbach, Erna, art historian, painter, lecturer; b. Frankfurt/M 1 Oct. 1897, d. London 23 June 1975. R: Jewish. E: 1933 U.K. Cit: 1946 U.K. fmlly. Ger. F: Ernst Moritz A, b. Frankfurt/M 1863, d. 1926, Jewish, Dr. jur., lawyer, notary, Justizrat, mem. coun. of Univ. Frankfurt/M, Syndikus of lib. Jewish cong. and Philanthropin. M: Emma Kehrmann, b. Frankfurt/M 1867, d. London 1958, Jewish, painter, 1939 to U.K. S: Ilse Schmitthoff (wife of *Clive M. Schmitthoff), lawyer, emigr. with sister, a: London. ∞ (none). C: (none).

1917–21 att. Univs. Frankfurt/M, Bonn, Munich. 1921–24 att. Univ. Frankfurt/M; 1924(25)? Dr. phil. in art hist. Also studied art 1917–22 at Kunstgewerbesch, Frankfurt/M; 1926 in Paris; 1928–30 with Prof. Willie Baumeister, Frankfurt/M. Lect. privately and publicly, esp. 1923–33 at Volksbildungsheim, Frankfurt/M. Contrib. arts. on art hist. to journals, esp. *Kunstwanderer*. Work in oils and watercolors painting portraits, still lifes, and landscapes. Individual shows: Schames Gall, Frankfurt/M (1925); Frankfurter Kunstverein (1931). Regular exhibs. in group shows in var. cities, esp. at Frankfurter Kunstverein and Kulturbund. Unable to exhib, lect, or publ; later prevented from painting. 1933 emigr. to U.K. Lect. privately and at pub. insts, esp. Crosby Hall, Westfield Coll, and Royal Holloway Coll, both colls. of Univ. London. 1939–45 mem, Women's Vol. Serv. 1945(?)–49 att. Courtauld Inst, Univ. London: studied with Sir Henry Hake, dir, Nat. Portrait Gall; 1949 Ph.D. in hist. of art. 1947–75 perm. position as vis. lect, London Polytech. Inst. 1970–75 lects. in U.S. at Metropolitan Mus, New York, and Nat. Gall, Washington, D.C. and var. univs, art mus. and galls. Also wrote lects. on art for the B.B.C. Spec. in English painting of the sixteenth century. Individual show: Brook Street Gall, London (1938). Group shows: Annual exhibs. at Women's Intl. Art Club and Ben Uri Art Gall. (from 1934); Ger. Jewish Artists' Work at Parson's Gall. (1936); Exhib. of 20th Century Ger. Art at New Burlington Gall, Royal Acad. (1938); United Artists Exhib, Royal Acad. Arts (1943); Leicester Gall. (1944); Arcade Gall. (1945); Flower Paintings of the World at Augustine Gall, Holt, Norfolk (1971).

Biblio: "Die deutsche Bildnismalerei im 16. Jahrhundert in Franken, Schwaben und Bayern" (diss, Univ. Frankfurt/M, 1924); "The English Portrait and Patronage of Art from 1520–1590" (diss, Univ. London, 1949); "An Exhibition of Illuminated Royal Portraits from the Plea Rolls of the King's Bench," *Archives* (no. 6, 1951); *Tudor Artists* (London, 1954); *Nicholas Hilliard* (London, 1961); co-auth, *Paintings and Sculpture at Hatfield House* (London, 1971); also contrib. arts. to prof. journals. incl. *Apollo*, *Burlington Mag*, *The Connoisseur*; for complete biblio. see R.F.J.I. arch. *Papers*: E.A. coll, Skinners' Libr, City Univ, London. Sources: News, Pers. — R.F.J.I.

Auerbach, Frank Helmuth, painter, draftsman; b. Berlin 29 Apr. 1931. R: Jewish. E: 1939 U.K. Cit: 1947 U.K. F: Max A, lawyer. M: Charlotte Norah Borchardt.

1939 emigr. to U.K. (?)–1947 att. Bunce Court Sch, Kent, then Borough Polytechnic, London. 1948–52 studied with David Bomberg at St. Martin's Sch. of Art, London; 1952 Nat. Dipl. of Design. 1952–55 cont. art studies at Royal Coll. of Art, London; 1955 1st Class Hon, Silver Medal, Assoc. Royal Coll. of Art. 1956–58 art teacher at Sidcup, Ealing, Bromley, Camberwell and Slade Schs. of Art in U.K. 1956 first individual show at Beaux Arts Gall, London, regular exhibs. there until 1963. 1965–contract with Marlborough Fine Art Gall, London. Num. individual shows abroad incl. 1969 New York, 1972 Sydney, 1972 Melbourne, 1973 Milan, 1974 Dublin. Group exhib. incl. Carnegie Intl., Pittsburgh, Penn. (1958, 1961); Critics' Choice (Arthur Tooth and Sons), London (1958, 1963, 1971); Dunn Intl. and Gulbenkian Intl, London (1963, 1964); Immagine per la Citta Genua (1972); others. A: (1979) London.

Biblio: "Interview with John Christopher Battye," *Arts and Artists* (London, Jan, 1971); "Statement," *European Painting in the Seventies* (Los Angeles, 1975). Lit: *Englische Kunst der Gegenwart*, cat, Künstlerhaus Bregenz (Bregenz, Aus, 1977). Sources: Hand, Print. — IFZ.

Auerbach, Moses, dir. of school network, author of historical and pedagogical works, editor; b. Halberstadt, Saxony, Ger. 3 Feb. 1881. R: Jewish. E: 1934(33?) Pal. F: Selig Aviezri A, b. 1840, d. 1901, Dr. head of Jewish sec. sch, Fürth, Bavaria, Ger, then succeeded father as rabbi, Halberstadt. M: Rosa, b. Halberstadt, d. Halberstadt 1932, chmn, Nashim Zadkanieth (charitable org.), Halberstadt. S: Isaac Emil, b. 1870, d. 1932, Dr. phil, succeeded father as rabbi, Halberstadt, dir, local Jewish sch, Halberstadt, many yrs. chmn, Bund gesetzestreuer Gemeinden, Ger, and of its Landesverband, many yrs. chmn, Agudass Yisroel, Ger; Hirsch B, b. 1873, d. 1952, physician, Halberstadt, 1935 to Pal, co-fdr, Mekor Hayyim Cong, Petah Tikvah, Pal./Isr, led by *Rabbi Benedikt Pinchas Wolf; ten siblings altogether, incl. 4 bros. and 6 sisters. C: Abraham Samuel, 1947–48 with father reorg. Jewish schools in Tripoli, Lebanon.

1905(?) Dr. phil, Univ. Strassburg. 1907–09 teacher, Lehrersemin, Cologne (headed by brother-in-law Rabbi Benedikt Pinchas Wolf). 1909 emigr. to Pal. 1909–17 dir, network of schools est. by Freie Vereinigung für die Interessen des orthodoxen Judentums (orthodox Jewish org. in Ger.). Serv. Ger. Army. For short period principal, Havazelet Girls' Sch, Warsaw. 1918–22 teacher, Talmud Thorah, Cologne. 1922–35(?) Doz, Talmud and hist, Rabbinersemin, Berlin. Last chmn, Jüdische Lit. Ges, and last ed. of its Jahrbuch. 1934(33?) emigr. to Pal. 1935–47 principal, Nezah Yisrael schs, Petah Tikvah. 1947 with son entrusted with reorg. of Jewish schools in Tripoli. 1949– lect, Beth Jacob Sem, Tel Aviv. Co-fdr, Yavneh gym, Haifa, and Yeshurun gym, Petah Tikvah. A: (1974) Petah Tikvah.

Biblio: *Wörterbuch zur Mechilta des R. Israel* (diss, Strassburg, 1905); ed, *Festschrift zum 50jährigen Bestehen des Rabbinerseminars Berlin* (Hannover, Ger, 1924); "Zur politischen Geschichte der Juden unter Hadrian," *Jeschurun* (vol. 10, 1923; vol. 11, 1942); "Der Streit zwischen Saadia Gaon und dem Exilarchen David ben Zakkai," *Jüdische Studien* (Frankfurt/M, 1928); *Torai haHinukh, Sefer Ezer leHinukh veHaraah beVatei Sefer Datiyyim* (The Theory of Education, Guide to Education and Instruction in Religious Schools; Jerusalem, 1957/58); ed, *Sefer Zikkaron leRabbi Yizhak Izik Halevi* (Memorial Volume for Rabbi Yizhak Isaac Halevi; Bnei Berak, Isr, 1964); also contrib. arts. to *Jeshurun*, *Der Israelit*. Sources: News, Print. — R.F.J.I.

Auerbach, Robert, prof. of zoology; b. Berlin 12 Apr. 1929. R: Jewish. E: 1939 U.K., 1940 U.S. Cit: 1946 U.S. fmlly. Ger. F: *Richard Joseph Auerbach, b. Posen, Ger. (Poznan, Pol.) 1892, Jewish, Dr. jur., lawyer, Berlin, 1939 to U.K. and 1940 to U.S. with wife and children. C.P.A. pres. Am. K.C. Fraternity, treas. A.F.J.C.E., New York. M: Ella Levi, b. Frankfurt/M 1900, Jewish, Dr. jur., lawyer, soc. worker and mem. bd. dirs, Selfhelp, active in Cong. Habonim, New York. S: Brigitte Prussoff, b. 1926, Ph.D., Yale Univ, assist. prof. of biostatistics, Yale Univ. ∞ 1950 Wanda Virginia Irwin, b. Powell Station, Tenn. 1927, Protestant, M.S.W., M.L.S., soc. worker, med. libr. C: Richard J, b. 1954, B.A., Stanford Univ, lawyer; Emily K, b. 1956, B.A., LL.D., Univ. Wisconsin.

Att. elem. sch. in Ger. Jan. 1939 emigr. with fam. to Eng. on transit visa. Sept. 1940 emigr. to U.S. with fam. 1946–49 att. Berea Coll, Berea, Ky; 1949 A.B. 1949–54 att. Columbia Univ, New York; 1950 A.M., 1954 Ph.D. in zool. 1952–53 fel, Nat. Sci. Found; 1953–54 Boese fel. 1954–55 assoc, biol. div, Oak Ridge Nat. Lab, Tenn. 1954–57 fel, Nat. Cancer Inst. 1957–mem. fac, Univ. Wisconsin, Madison: 1957–61 assist. prof. of zool, 1961– assoc. prof, 1965– prof, 1972– dir, dev. biol. training prog. Concurr: 1967–68 Guggenheim fel. for res. and study in Melbourne; 1974–75 Rockefeller Found. spec. fel. in reprod. biol. Spec. in developmental biology, immunology and cancer

res. Mem. ed. bd: *Journ. Exp. Med.; Journ. Exp. Zoology; Transplantation; Developmental and Comp. Immunology; Thymus; Differentiation*. Mem. govt. comms: Dev. biol. comm, Nat. Sci. Found. Adv. Panel; Sect. human embryology and dev, Nat. Inst. Health Study; maternal and child health res. comm, Nat. Inst. Child Health and Human Dev. Mem. Am. Zool. Assn; Soc. Dev. Biol; Soc. Exp. Biol. and Med; A.A.A.S; Transplantation Soc; Intl. Soc. of Dev. Biol; Am. Assn. of Immunologists; Am. Fed. of Musicians; A.C.L.U. Recd: Wisconsin Student Assn. Award for outstanding teaching. A: (1979) Madison.

Biblio: "Analysis of the Developmental Effects of a Lethal Mutation in the House Mouse" (diss, Columbia Univ, 1954); contrib. more than 80 arts. to prof. journals. **Sources:** Hand, Pers, Qu. — R.F.J.I.

Auernheimer, Raoul, author; b. Vienna 15 Apr. 1876, d. Oakland, Calif. 7 Jan. 1948. *E:* 1938 U.S. *Cir:* 1944 U.S. fmly. Aus. *F:* Johannes Wilhelm A. bus. *M:* Charlotte Büchler. ∞ 1906 Irene Leopoldine Guttman. *C:* One dtr, a: U.S.

Gym. educ. 1894–1900 studied law, Univ. Vienna. Gerichtsreferendar, then juror, theater critic and writer. Ed, *Neue Freie Presse*, Vienna. Contrib, *Nationalzeitung*, Basel. 1922– pres. and v. pres, P.E.N., Aus. Outspoken opponent of Nazism. Feb. 1938 arrested by Gestapo and transported to Dachau concentration camp. Aug. 1938 released from camp upon intervention of Emil Ludwig and the Am. diplomat Prentiss Gilbert, on condition that R.A. emigr. to U.S. Fall 1938 emigr. to New York. Summer 1941 moved to Calif. Aided by fam. and dtr. Unsuccessful attempts to live by writing; recd. university teaching contracts. Lect. and script writer for film co. Attempted to est. Aus. theater with → Ernst Lothar. 1941 co-fdr. of Aus. comm. 1944 contrib. to *Kulturbblätter* and *Kulturelle Schriftenreihe* of the Free Aus. Movt. Author of novels, short stories and sketches, and popular social comedies; books banned in Nazi Germany.

Biblio: *Prince Metetrnich. Statesman and Lover* (New York, 1940); *Franz Grillparzer: Der Dichter Österreichs* (Vienna, 1948); *Das Wirtshaus zur verlorenen Zeit: Erlebnisse und Bekanntschaften* (Vienna, 1948); for further biblio. see Wilpert/Gühring; *Intl. Biblio:* Köttelwesch, *Biblio. Hand. Lit: N.D.B.* (vol. 1); Harry Zohn, *Wiener Juden in der deutschen Literatur* (Tel Aviv, 1964); Stern, *Werke: D.L.L.*; Spalek/Strelka, *Exilliteratur*; Spalek, *Guide: Sources:* Hand. — IfZ.

Aufricht, Ernst Josef, theater manager and producer; b. Beuthen, Upper Silesia, Ger. (Bytom, Pol.) 31 Aug. 1898, d. Cannes, Fr. 26 July 1971. *R:* Roman Catholic, fmly. Jewish. *E:* 1933 Fr, 1941 U.S., 1953 Fr, Fed. Repub. Ger. *Cir:* Ger. *F:* Emanuel A., timber merchant. *M:* Else Brieger, b. Breslau, Lower Silesia, Ger. (Wrocław, Pol.), d. New York 1947(?), Roman Catholic, fmly. Jewish, emigr. to U.K., 1947 to U.S. *S:* 2 bros. ∞ 1920 Margot Schoeps, Roman Catholic, fmly. Jewish, 1933 to C.S.R. and Fr, 1946 U.S., 1953 Fr, Fed. Repub. Ger, 1972 U.S. *C:* Heinz A., b. Dresden, Saxony, Ger. 1921(?), mgr. of tourist bureau, 1933 to C.S.R. and Fr, 1940 to U.K. (served Brit. Army)(?), Fr.(?), U.S.; Wolfgang A., b. Berlin 1926(?) adv. exp., 1933 to C.S.R. and Fr, 1946 to U.S., 1953 to Fr, Fed. Repub. Ger.

1902 moved with fam. from Beuthen to Gleiwitz, Upper Silesia. Att. Gym. 1915(?)– vol. enlistment in milit. serv. instr. in basic training. 1918 in Breslau. 1919– priv. acting classes in Berlin, matriculated at univ. 1920–23 actor, Sächsisches Staatstheater, Dresden. 1923 with → Berthold Viertel, fdr, later assist. dir, theater ensemble Die Truppe, Berlin (1924 bankrupt). 1926–27 assist. dir, Wallner-Theater Berlin. 1928–31 rented Theater am Schiffbauerdamm (Dramaturg → Heinrich Fischer); then prod. of premières incl. *Die Dreigroschenoper* by → Bertolt Brecht and → Kurt Weill; 1929 *Giffas über Berlin* by → Peter Martin Lampel with the Assn. of Young Actors; *Pioniere in Ingolstadt* by Marieluise Fleisser; 1930 *Feuer aus den Kesseln* by → Ernst Toller; 1931 *Italienische Nacht* by → Ödön von Horváth. 1931 discontinued work at Theater am Schiff-

bauerdamm. Mem. of Ger. Theater Mgrs. Assn. (D.B.V.) 1931 fdr, Ernst Josef Aufricht Prod. for which he prod. premières by Brecht and Horváth. 1932– also artistic dir, Theater im Admiralspalast, Berlin. Mar. 1933, following Nazi attack on the theater because of its "Red" repertoire, emigr. to Paris via Switz. 1934–35 rented farm in Normandy; set up agric. sch. for young émigrés. 1937 Worlds-Fair prod. of *L'Opéra de Quai' Sous* (Fr. version of *Three-Penny Opera*) in Paris. Until 1939 rented the Théâtre de l'Etoile and Théâtre Pigalle in Paris. 1939 interned at Vierzon; 1940 interned at Camp Braconne near Limoges. Drafted for unarmed milit. serv. (prestataire); stationed at Albi; demobilized. For several months with spouse and son Wolfgang at a village of the Département Ardèche. Then in hiding, due to threats of extradition to Ger. 1941 emigr. to New York via Marseille, Sp. and Port. Supported by relief orgs. Mem. Y.M.C.A. Regisseur for *Aufbau* radio-series *We Fight Back* (polit. commentaries, readings and radio dramas by prominent émigrés.). 1946 spent short time in Paris. 1947 returned to New York. 1950 with → Felix G. Gerstman prod. *Weill Memorial*, a tribute to → Kurt Weill. 1953 returned to Eur, first to Nice, Fr, then to W.Berlin. Failed in attempts to form a theater co. similar to former Schiffbauerdamm Theater. Recd: Literary Hon, Bavarian Acad. of Fine Arts (1967).

Biblio: *Erzähle, damit du dein Recht erweist: Aufzeichnungen eines Berliner Theaterdirektors*, autobiog. (Frankfurt/M, W.Berlin, Munich, 1969). *Lit:* Kürschner, *Theater*; Friedrich, *Theater*; Knellessen, *Agitation*; Stern, *Werke*; Wächter, *Exiltheater*; Trilse, Hammer, Kabel, *Theaterlexikon*. **Sources:** Autobiog, Hand, News, Pers, Print. — IfZ.

Augenfeld, Felix, architect, interior designer; b. Vienna 10 Jan. 1893. *R:* Jewish. *E:* 1938 U.K., 1939 U.S. *Cir:* 1941 U.S. (fmly. Aus.). *F:* Isidor A., b. Baja, Hung. ca. 1860, d. Vienna ca. 1936, Jewish, businessman. *M:* Paula Bendiener, b. Brünn, Moravia, Aus. (Brno, C.S.R.) ca. 1870, d. London 1946, 1939 to U.K. with second son. *S:* Walter A., b. Vienna 1891, retired, a: 1975 U.K. ∞ 1966 Anny (Anna) Friedländer, b. Vienna 1902, Jewish, ceramist, interior decorator, painter, 1938 to U.S. *C:* (none).

Att. Realsch. in Vienna; 1910 Matura. 1910–14 studied engr, T.H. Vienna. 1914 serv, Austro-Hung. Army; 1915–19 P.O.W. in It; released as cadet. 1919 resumed studies at T.H. Vienna. 1920 civil archit. 1921–38 freelance archit. in Vienna in partnership with Karl Hofmann working on archit. comms. and interior designs in Aus. and C.S.R., and bldgs. in Vienna. 1931 assist. to Oskar Strnad as theater and stage designer in Vienna and London. 1933 partic. exhib. Milan. Publ. in prof. journals. in Aus, Ger, U.K, It, and U.S., incl. *Moderne Bauformen*, Berlin; *Die Bühne*, Vienna; *Kunst und Dekoration*; and 1934 contrib. to *Das Wiener Möbel*, Stuttgart. Mem. Cent. Union of Aus. Architects (1921–38). June 1938 emigr. to U.K. 1938–39 lived in London on resid. permit; aided by Brit. and Am. friends. Freelance architect and designer on private commissions. Aug. 1939 emigr. to U.S. Freelancer. From 1941 ran own archit. studio in New York. Mem: Am. Inst. Architects. from which F.A. recd. an hon. mention (1961) for Buttlinger Libr. Bldg, New York (built 1952–56). A: (1979) New York.

Biblio: 1942–70 publ. in prof. journals. incl. *Forum*, New York; *Interiors*, New York; *Progressive Archit.*, New York; *Dorus*, Milan (1950–60). *Lit:* *Das Werk der Auslandsösterreicher in der Welt*, cat. Arch: Photos and drawings at Columbia Univ. Libr, New York. **Sources:** Hand, Print, Qu. — IfZ.

Aull, Felice, assoc. prof. of physiology; b. Vienna 12 Aug. 1938. *R:* Protestant. *E:* 1940 U.S. *Cir:* 1946 U.S. fmly. Aus. *F:* Heinz Benjamin A., b. Berlin 1899, Protestant, Dr. phil, chemist, 1940 to U.S. via It. and Port. *M:* Gertrude Silberg, b. Offenbach, Hessen-Nassau, Ger. 1910, Protestant, Dr. phil. in psych, psychologist, emigr. to U.S. with mother. *S:* (none). ∞ 1962 Martin S. Nachbar, b. New York 1937, Jewish, M.D., 1969– mem. fac, New York Univ. Sch. of Med. *C:* Nancy, b. 1968.

Aug. 1940 emigr. to U.S. via It. and Port. with mother; father had preceded them. 1956–60 att. Barnard Coll, New York; 1960

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A.B. 1960–64 doctoral candidate in physiol., Cornell Univ. Sch. of Med., N.Y.; concurr. 1960–63 N.I.H. fel.; 1964 Ph.D.; 1964–65 N.I.H. postdoctoral fel. in physiol., Cornell Univ. 1966– mem. fac. dept. of physiol., New York Univ. Sch. of Med.: 1966–69 instr., 1969–72 assist. prof., from 1972 assoc. prof. Areas of expertise incl. membrane transport and permeability of single cells, especially ascites tumor cells, erythrocytes; chloride transport across cell membranes; electrolyte transport across cell membranes; membrane permeability to solutes and water. Mem.: Harvey Soc.; Soc. Gen. Physiol.; Am. Physiol. Soc.; New York Acad. of Scis.

Biblio: Contrib. arts. to prof. journals. incl. *Biochimica Biophysica Acta*, *Journ. of Cell Physiol.*, *Am. Journ. Med. Sci.*, *Am. Journ. of Physiol.* Sources: Hand, Qu. — R.F.J.I.

Ausländer, Josef, prof. of physics; b. Vasloutz, Bukovina, Aus. 20 Mar. 1911, d. Karlsruhe, Baden, Ger. 16 June 1978. R: Jewish. E: 1933 Switz, later to Rum, 1965 Fed. Repub. Ger. Cit: Rum, Ger, fmly. Aus. F: Simon A., b. Bukovina, Jewish, farmer, 1940 deported to Russ. M: Nathalie Geiger, b. Bukovina, d. 1940, Jewish. S: Klara, b. Czernowitz, Bukovina, Aus. (Chernovtsy, U.S.S.R.) 1908, univ. educ, sec. sch. teacher, a: Rum. ∞ 1940 Erika Deligdisch, b. Czernowitz 1913, Jewish, studied mod. langs. Univs. Czernowitz and Paris, 1940–teacher in Czernowitz, 1947–64 sec. sch. teacher in Bucharest, 1966–73 sec. sch. teacher in Ettlingen near Karlsruhe, ret, a: Karlsruhe. C: Kitty, b. Bucharest 1952, studied philol, sec. sch. teacher in Fed. Repub. Ger.

1928 Matura, Vienna. 1928– studied phys, esp. current engr, T.H. Berlin and 1931– at Univ. Berlin. 1933 emigr. to Switz. Cont. studies at Univ. Zurich; 1938 Dr. phil. Later went to Rum. During W.W.II forced labor. After war mem. fac, T.H. Bucharest; First assist, 1949 univ. lect, 1952– o. Prof. of phys, head of res. lab. for cosmic radiation and elem. particle phys. at the Inst. of Nuclear Phys. of the Rum. Acad. Bucharest. 1965 vis. sci, C.E.R.N., Geneva. Vis prof: 1965–67 T.H. Karlsruhe; 1967 Univ. Strasbourg (app. as assoc. prof.); 1968–76 hon. prof, Univ. Karlsruhe, sci. collab, Inst. of Exp. Nuclear Phys, Cent. for Nuclear Res. Concurr: 1956–58 co-ed, *Buletin Inst. Politech.*, Bucharest; 1959–63 co-ed, *Revue de Phys. Recd:* Rum. Doctor's degree for math.-phys. scis. (1954).

Biblio: Contrib. more than 35 arts. to prof. journals. in the field of nuclear phys. Sources: Arch, Hand, Pers. — IFZ.

Avenary, Hanoch (fmly. Herbert Loewenstein), musicologist; b. Danzig, W. Prussia, Ger. (Gdansk, Pol.) 25 May 1908. E: 1936 Pal. Cit: Isr, fmly. Free City of Danzig. F: Norbert Loewenstein, b. 1871, d. 1942, Jewish, emigr. to Pal, merchant. M: Anna Begach, b. 1878, d. 1960, Jewish, emigr. to Pal. S: Ruth Arnold, b. 1910, emigr. to Pal, secy, a: Can. ∞ 1936 Thea Wrzeszinski, b. Danzig 1912, physiotherapist. C: Tamar Givoli, b. Tel Aviv 1936, mem. Kibb. Magen.

Studied musical, music hist. and lit, and art hist. at Univs. Leipzig, Munich, Frankfurt/M., and Königsberg; 1931 Dr. phil. in musical, lit, and art, Univ. Königsberg. Mem. Kameraden. 1932 fdr. of independent publ. co. for Jewish art books in Berlin; art publ. for Mus. der Jüdische Gde. Berlin, and Kulturbund Deut. Juden; career terminated by exclusion from Bund Deut. Kunstverleger. 1936 emigr. to Pal. on A-I cert. Worked as publ. advertising agent, salesperson, inventor, held patent for a building mat. substitute, and tech. adv. in a factory. 1948–65 tech. and major, Isr. Air Force. 1964– res. fel, Jewish Music. Res. Cent, Hebrew Univ. From 1966 mem. fac. of visual and perf. arts, dept. of musical, Tel Aviv Univ: Rose from lect. to assoc. prof. Publ. on topics incl. Spanish-Jewish music and the development of Hebrew hymns and cantorial music of the 18th and 19th centuries. Res. on Oriental and medieval European music. Mem: Intl. Musicol. Soc.; Isr. Musicol. Soc. (hon. pres.). Recd: Zelig Altschul Res. Award (1955–56). Joel Engel Prize of Tel Aviv (1977). A: (1981) Tel Aviv.

Biblio: *Wort und Ton bei Oswald von Wolkenstein* (diss, Univ. Königsberg, 1931; publ. Königsberg, 1932); "Jüdische Musik," *M.G.G.* (vol. 7, 1958); *Studies in the Hebrew, Syrian and Greek*

Liturgical Recitative (Tel Aviv, 1963); *Hebrew Hymn Tunes: The Rise and Development of a Musical Tradition* (Tel Aviv, 1969); ed, *Sal. Rossi. Canzonette* (Tel Aviv, 1975); *The Ashkenazi Tradition of Biblical Chant* (Tel Aviv, 1978); *Encounters of East and West in Music* (Tel Aviv, 1979; contains biblio. to 1979); contrib. arts. to prof. journals. incl. the music sect. of *E.J. Sources:* Hand, Print, Qu. — R.F.J.I.

B

Baade, Hans Wolfgang, prof. of law; b. Berlin 16 Dec. 1929. R: Protestant. E: 1934 Tur, 1946 U.S., 1949 Ger. Dem. Repub, 1960 U.S. Cit: Ger. F: *Fritz B., b. Neuruppin, Brandenburg, Ger. 1893, d. Kiel, Schleswig-Holstein, Ger. 1974, Protestant, Dr. rer. pol, mem. S.P.D., 1930–33 M.d.R., 1934 to Tur, 1946 to U.S., 1948 to Ger., 1949–65 M.d.B. M: Edith Wolff, b. Znien, Russ. (Pol.) 1898(97?), Jewish, later Protestant, att. Univ. Freiburg, polit. reporter *Berliner Börsen-Courier*, emigr. with husband, 1949 returned to Ger. Dem. Repub. S: Aenne Laqueur, b. Göttingen, Hannover, Ger. 1918(19?), ∞ *Kurt Laqueur, 1938 to Tur, later to Switz; Peter K., b. Göttingen 1920(21?), Dr. Ing, engr, 1938 to Tur, later to U.S. ∞ 1957 Ann A. Johnston, b. Gorebridge, Scot. 1931, mem. Church of Scot, M.A. Edinburgh and Duke Univs, trans. and interpreter. C: Friedrich James, b. 1958, 1960 to U.S., B.A., Univ. Texas, student; Hans Alistair, b. 1963, student.

1934 emigr. to Tur. with fam. on resid. visa. 1941–44 att. Deut. Sch., Istanbul. 1946 emigr. to U.S. with fam. 1946–49 att. Syracuse Univ., N.Y.; 1949 A.B., 1948 pres. of Ger. Club at univ. 1949 returned to Ger. 1951 Dr. jur., Univ. Kiel. 1951–53 serv. U.S. Army milit. intell. 1955 LL.B. and LL.M., Duke Univ., Durham, N.Car. 1956 dipl., Hague Acad. of Intl. Law; 1955–60 res. assist. in intl. law, Univ. Kiel, 1960 Privatdoz; concurr. 1956–60 educ. secy, *Jahrbuch Intl. Recht*. 1960 second emigr. to U.S. on vis. visa. 1960–70 mem. fac. of law, Duke Univ; 1960 assoc. prof, 1964 prof. Concurr: Summer 1963 vis. assoc. prof, Univ. Chicago; spring 1966 vis. prof. U.C.L.A.; summer 1967 at Univ. Texas, Austin; summer 1968 at Free Univ, W. Berlin. 1969 consult. for proj. on govt. reform, Fed. Repub. Ger. Fed. Min. of Interior. 1970–71 prof. of law, Univ. Toronto. 1971– mem. fac, Univ. Texas, Austin; 1971 A.S. Burleson prof. of law, 1975– H.L. Stone prof. of law. Spec. in intl. bus. and trade law and comparative and intl. law. Mem: S.P.D. (1960–); Vereinigung der Deut. Staatsrechtslehrer (1960–); Deut. Ges. für Völkerrecht (1960–); Am. Assn. for the Comp. Study of Law (1960–); Am. Fgn. Law Assn. (dir. 1963); Am. Arbitration Assn. (mem, nat. panel of arbitrators 1966–). A: (1976) Austin.

Biblio: *Die Behandlung des feindlichen Privatvermögens in den Vereinigten Staaten* (Düsseldorf, 1952); *Das Verhältnis von Parlament und Regierung im Bereich der auswärtigen Gewalt der B.R.D.* (Hamburg, 1962); ed, *Jurimetrics* (New York, 1963); ed, *The Soviet Impact on International Law* (Dobbs Ferry, N.Y., 1965); contrib. to *Essays on Expropriations*, Richard Miller and Roland Stanger, eds. (Columbus, Ohio, 1967); co-ed, *The Institutionalized Presidency* (Durham, 1970); contrib. num. arts. to prof. journals. incl. *Law and Contemp. Problems*, *Am. Journ. of Comp. Law*, *Staatslexikon*, and *Jahrbuch für Intl. Recht*; for complete list of publs. to 1975 see R.F.J.I. archs. Sources: Hand, Qu. — R.F.J.I.

Bab, Julius, author, theater critic, dramaturg, stage director; b. Berlin 11 Dec. 1880, d. Roslyn Heights, New York 12 Feb. 1955. R: Jewish. E: 1939 Fr., 1940–41 U.S. Cit: U.S., fmly. Ger., Aug. 1940 Ger. cit. revoked. F: Elkan B., businessman. M: Fanny Herrmann. ∞ 1904 Elisabeth Loos, b. 1878, d. N.Y. 1963, emigr. with husband. C: Bjoern, b. 1906; Ursula, b. 1910; Barbara, b. 1911.

Abitur, Askanisches Gym, Berlin. Studied in Berlin and Zurich. 1901– theater critic for leading Berlin newspapers and