

books OF THE WEEK

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LIFE AFTER FIFTY: The Prostatic Age—Henry M. Weyrauch, M.D.—Ward Ritchie Press, 1967, 175 p., illus. by Halcyon Harris Cowles and James W. Brodale, \$6.95. Popularly written book by urologist, explains changes in the prostate gland, various ailments, their diagnosis, treatment and cure.

MANPOWER STRATEGY FOR THE METROPOLIS—Eli Ginzberg and The Conservation of Human Resources Staff—Columbia Univ. Press, 1968, 321 p., \$10. Presents the results of a study conducted for the N.Y. City Planning Commission, broadly assessing the problems of education and employment, of workers without skills and employers searching for competence, within the confines of the modern prosperous metropolis. Concludes with suggestions for a manpower strategy for the metropolis.

MANUAL OF ELLIPSOmetry—R. J. Archer—Gaertner Scientific Corp. (Chicago), 1968, 36 p., photographs, diagrams, tables, \$10. A technical treatise summarizing the principles of ellipsometry, deals with the instrumental calibration and measuring procedures, the interpretation of measurements, and examples of the application of the technique. Includes comprehensive bibliography.

MEN IN THE SEA—Peter Briggs—Simon & Schuster, 1968, 128 p., photographs, \$3.95. As an introduction to the profession, the book provides sketches on the work and personalities of nine oceanographic pioneers, among them Roger Revelle, Maurice Ewing and Edwin A. Link.

MENDELIAN INHERITANCE IN MAN: Catalogs of Autosomal Dominant, Autosomal Recessive and X-Linked Phenotypes—Victor A. McKusick—Johns Hopkins Press, 1968, 2nd ed., 521 p., \$10. A bibliographic guide using computer methods, each entry gives preferred designation, brief description of phenotype with resume of genetic information, and key references.

MODERN PROGRAMMING: Fortran IV—Henry Mullish—Blaisdell Pub. Co., 1968, 132 p., diagrams, paper, \$3.75. Presents the basic concepts of computer programming and shows the use of and problems involved in writing programs in the Fortran IV language, including review exercises.

THE MOUNTAIN ARAPESH, Vol. I: The Record of Unabelin with Rorschach Analyses—Margaret Mead—Natural Hist. Press, 1968, 218 p., paper, \$1.45. Reprint of anthropological paper published in 1949, with new introduction by author.

ORIGINS OF MODERN BIOLOGY—Url Latham—Columbia Univ. Press, 1968, 273 p., \$7.50. Written for student and general reader, traces the main lines in the development of biological science to the beginning of the 20th century, from Greek and Arabic biology through Roman and medieval science, the Renaissance, to the evolutionary outlook and life as mechanism.

THE PEACE CORPS EXPERIENCE—Roy Hoopes, preface by Hubert H. Humphrey—Potter, C. N. (Crown Pubs.), 1968, 309 p., 350 photographs, \$6.95. An overview of the American experience with the Peace Corps, in the volunteers' own words and in photographs taken in the field.

PERMANENT POVERTY: An American Syndrome—Ben B. Seligman—Quadrangle Bks., 1968, 238 p., \$6.50. A compassionate survey and analysis of the present state of poverty in various sections of the population, discussing changing attitudes and the efforts of local and national power to deal with the problems of poverty.

PESTICIDE HANDBOOK-ENTOMA, 1968—Donald E. H. Frear—College Science Pubs., 1968, 20th ed., 324 p., \$4.50; paper, \$3. Up-to-date information on poison control centers, laboratories, agricultural chemical coordinators, production figures, legislation, tolerances, and alphabetical list of commercial products.

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PLANNING AND PRODUCTIVITY UNDER SOVIET SOCIALISM—Abram Bergson—Carnegie-Mellon Univ. (Columbia Univ. Press), 95 p., \$4. Attempts a systematic reappraisal of economic performance under socialism, with particular reference to the Soviet experience. Also examines future prospects in the light of planned reforms.

PRINCIPLES OF ORGANIC SYNTHESIS—R. O. C. Norman—Methuen (Barnes & Noble), 1968, 722 p., diagrams, \$16.75. Intended to convey a broad understanding of the ways in which organic compounds react together, and how these principles and concepts are applied to the problems involved in putting together particular types of bonds, groupings and compounds

THE PROMISE OF SPACE—Arthur C. Clarke—Harper, 1968, 325 p., photographs, diagrams, \$8.95. Looks at the achievements of scientific satellites and manned spacecraft, and speculates about developments beyond.

QUESTIONS ABOUT THE OCEANS—Harold W. Dubach and Robert W. Taber, NODC—U.S. Naval Oceanographic Office (GPO), 1968, 121 p., illus, by Edwin J. Seremeth, paper, 55c. Answers such questions as, what is the greatest depth of the ocean and where is it, how high is the highest wave, what are algae. Each answer also suggests reading list.

SCIENCE AND CIVILIZATION IN ISLAM—Seyyed Hossein Nasr, preface by Giorgio de Santillana—Harvard Univ. Press, 1968, 384 p., map, \$8.95. A scholarly portrayal of Islamic science by a modern Muslim with Western background, showing the mind and culture of Islam in the developments of cosmology, mathematics, medicine, the alchemical tradition and philosophy.

SCIENCE AND THE CONCEPT OF RACE—Margaret Mead, Theodosius Dobzhansky and others, Eds.—Columbia Univ. Press, 1968, 177 p., \$6.50. Articles and discussion by scientists from several disciplines of what science has to say about race and its relevance or lack of relevance to current social problems.

SKYSHOOTING: Photography for Amateur Astronomers—R. Newton Mayall and Margaret W. Mayall—Dover, 1968, 186 p., illus., paper, \$2.50. Revised edition of work first published in 1949, includes new preface by authors, new chapters on cameras and films, on sophisticated equipment for the advanced amateur, and on phenomena seen in the sky in daylight.

SOCIO-ECONOMIC MODELS IN GEOGRAPHY—Richard J. Chorley and Peter Haggett, Eds.—Methuen (Barnes & Noble), 1968, 468 p., 70 diagrams, paper, \$3.50. Comprises a substantial part of MODELS IN GEOGRAPHY (1967), deals with the theme of geographical generalization, from conceptual models to scale models.

SOIL ANIMALS—Friedrich Schaller—Univ. of Mich. Press, 1968, 144 p., illus., \$5; paper, \$1.95. Written by expert for the general reader, book describes the biosynthetic importance of that teeming world of worms, insect larvae, millipedes, mites and the like, their habits, sense organs and behavior, and their mating habits as observed in recent investigations.

SONGBIRDS IN YOUR GARDEN—John K. Terres, introd. by Edwin Way Teale—Crowell, 1968, expanded ed., 256 p., illus. by Matthew Kalmenoff, \$6.95. For people who want to attract birds to their backyards in the various regions of the country.

SPIDER MITES of Southwestern United States and a Revision of the Family Tetranychidae—Donald M. Tuttle and Edward W. Baker—Univ. of Ariz. Press, 1968, 143 p., illus., \$7.50. Considering recent finds of new species and genera, the monograph re-evaluates the systematics of the family by using claw and empodial and striation patterns.

THE SUBJECT IS RACE: Traditional Ideologies and the Teaching of Race Relations—Peter I. Rose, foreword by Everett C. Hughes—Oxford Univ. Press, 1968, 181 p., \$4.95. Combines an analysis of data gathered in a nationwide survey on the teaching of race relations in America with a review of the history of the thoughts and commentaries on race and race relations by earlier social scientists.

TOWARD THE YEAR 2018—Foreign Policy Assn., Eds.; introd. by Emmanuel G. Mesthene—

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Cowles Educ. Corp., 1968, 177 p., \$5.95. Thoughtful statements by experts on the effects of present developments in their respective scientific and technical fields on social and international policy over the next 50 years.

TOWARDS A THEORETICAL BIOLOGY: 1. Prolegomena—C. H. Waddington, Ed.—Aldine Pub. Co., 1968, 234 p., illus., \$8.95. This first in a series of International Union of Biological Sciences Symposia explores the character of the problems facing any theory of general biology in an exchange of ideas among biologists, theoretical chemists, theoretical physicists and computer scientists and mathematicians.

THE URBAN EXPLOSION IN LATIN AMERICA: A Continent in Process of Modernization—Glenn H. Beyer, Ed.—Cornell Univ. Press, 1967, 360 p., map, \$9.75. Based on conference papers discussing such topics as a history of the long-term development of the city, a case study of Caracas illustrating urbanization on an ad hoc basis, and the city as an integrating mechanism.

THE URBAN PROSPECT—Lewis Mumford—Harcourt, 1968, 255 p., \$5.95. Essays and papers focusing on the contemporary city, neighborhoods, townscapes, megalopolitan developments, and consideration of the choices ahead.

VEGETATION AND SOILS: A World Picture—S. R. Eyre—Aldine Pub. Co., 1968, 2nd ed., 328 p., 32 plates, diagrams, maps, \$8.95. Considers the way in which plant communities and soil profiles develop, and gives a broad survey of the vegetation and soils of the middle and high latitudes and of the tropical regions.

THE VIEW FROM THE BARRIO—Lisa Redfield Peattie—Univ. of Mich. Press, 1968, 147 p., photographs, drawings, \$6.95. Anthropologist's account of her first-hand observations of the human condition and the economic and political changes in an urban working-class neighborhood in a rapidly growing, planned city in the interior of Venezuela.

WORLD WITHOUT HUNGER—Orville L. Freeman—Praeger, 1968, 190 p., \$5.95. The Secretary of Agriculture states the current situation in the world food production patterns and pressures, discusses U.S. programs of assistance, in particular of P.L. 480 and Food for Freedom program, the role of volunteers, private investment and international cooperation. India's experience is dealt with in some detail as an illustrative pilot study.

Mathematics for Everyman

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