

books OF THE WEEK

ADVANCES IN RADIATION BIOLOGY, Vol. 3—Leroy G. Augenstein, Ronald Mason and Max Zelle, Eds.—Academic Press, 1969, 336 p., diagrams, \$17.50. Covers wide spectrum of radiation science, from developments in molecular biology of photodynamic action to human radiation cytogenetics.

THE AGE OF AQUARIUS: Technology and the Cultural Revolution—William Braden—Quadrangle Bks., 1970, 306 p., \$7.95. Essays examine the human condition in contemporary America.

ANIMAL PARTNERSHIPS—Maurice Burton—Warne, F., 1970, 107 p., photographs, drawings by R. B. Davis, \$4.95. Describes varieties of five major types of usually beneficial associations between animal partners, from commensalism to parasitism.

ANTHROPOLOGY AND THE BEHAVIORAL AND HEALTH SCIENCES—Otto von Mering and Leonard Kasdan, Eds.—Univ. of Pittsburgh Press, 1970, 340 p., \$12.95. Twelve multidisciplinary essays explore the relationships between anthropology and sociology, economics, political science, communication, as well as forensic medicine, dentistry, psychiatry and aerospace sciences.

BADGERS AT MY WINDOW—Phil Drabble—Taplinger, 1970, 159 p., photographs by Stanley Porter, \$4.95. Personal adventure story observing badgers in the English countryside.

BEHIND APPEARANCE: A Study of the Relations Between Painting and the Natural Sciences in this Century—C. H. Waddington—MIT Press, 1970, 256 p., 71 color plates, 136 illus., \$25. Geneticist concerns himself in this book with the ways in which 20th century painters and scientists have seen the character of the material world and depicted their material surroundings.

BIOGRAPHICAL MEMOIRS, Vol. XLI—National Academy of Sciences—Columbia Univ. Press, 407 p., illus., \$5. Included are biographies of P. W. Bridgman, Joseph Erlanger, Edwin Hubble, Ernest O. Lawrence and George P. Pegram.

THE BIOLOGICAL BASIS OF MEDICINE, Vol. 5—E. Edward Bittar, Ed., with Neville Bittar—Academic Press, 1970, 548 p., illus., \$19.50. Volume 5 of six-volume treatise on the application of cellular biology in medicine, deals with the nervous system, the liver and gall bladder, the alimentary tract, and the cancer cell.

BIOLOGY AND THE FUTURE OF MAN—Philip Handler, Ed.—Oxford Univ. Press, 1970, 936 p., illus., \$12.50. A national assessment of the "state of the art" in the life sciences. Summarizes progress in biological research—molecular, cellular, developmental and behavioral, the nervous system, ecology and heredity; and in the application of research to nutrition, medicine, resources, industrial technology and environmental health.

BLACKS IN ANTIQUITY: Ethiopians in the Greco-Roman Experience—Frank M. Snowden, Jr.—Harvard Univ. Press, 1970, 364 p., 120 illus., \$12.50. Comprehensive historical description of the first major encounter of Europeans with black Africans; draws on literary, epigraphical, papyrological, numismatic and archaeological sources.

THE BOYS' FOURTH BOOK OF RADIO AND ELECTRONICS: An Introduction to Solid State Physics, Semiconductors and Transistors—Alfred Morgan—Scribner, 1970, 227 p., illus. by author, \$4.50. Includes such projects as a transistor motor that will run on solar power, and a fast-acting photoelectric burglar alarm.

THE CASE HISTORY METHOD IN THE STUDY OF FAMILY PROCESS—Committee on the Family, GAP—Group for the Advancement of Psychiatry, 1970, 156 p., paper, \$4. Provides a systematic approach to the study of the psychiatric patient as a "symptom" of a pathological family system.

CENTURY OF MISMATCH—Simon Ramo—McKay, 1970, 204 p., \$5.95. Regarding science and technology as the tools for civilized man, the author explores their relationship to society, space research, education, politics, medicine, urban mass transportation and the use of language.

DRAFT FACTS FOR GRADUATES AND GRADUATE STUDENTS, 1969-70—Betty Vetter, Ed.—Scientific Manpower Commission, 1970, 40 p., paper, \$1 to publisher, 2101 Constitution Ave., N.W., Washington, D.C., 20418. In question and answer form, booklet clarifies those areas where rules are fixed and those where local and appeal boards have wide discretion.

ERRORS, MEASUREMENT AND RESULTS IN CHEMICAL ANALYSIS—K. Eckschlager, transl. from Czech, R. A. Chalmers, Ed.—Van Nostrand Reinhold, 1970, 155 p., diagrams, \$10.50. Presents general survey of the errors of chemical analyses, measurements used, deals with specific errors of individual methods, and the application of mathematical statistics.

EUTHANASIA and the Right to Death: The Case for Voluntary Euthanasia—A. B. Downing, Ed.—Humanities Press, 1970, 206 p., \$6.50. Articles probe the rights, legal considerations and other aspects of mercy-killing.

A HISTORY OF SCIENCE, Vol I: Ancient Science Through the Golden Age of Greece. Vol. II: Hellenistic Science and Culture in the Last Three Centuries B. C.—George Sarton—Norton, 1970, 646 p., 554 p., illus., paper, \$3.25 each. Reprint (1952).

THE INTELLIGENT EYE—R. L. Gregory—McGraw-Hill, 1970, 191 p., 143 illus., stereo-glasses, \$7.95. Major theme of the book is the difference between seeing objects and seeing pictures of objects. Illustrations help demonstrate how man's inherited brain function has been modified by his invention of symbols.

THE INTERSTELLAR MEDIUM—S. A. Kaplan and S. B. Pikelner—Harvard Univ. Press, 1970, 465 p., illus., \$20. Comprehensive review of all aspects of the physics of the interstellar medium,

from interstellar hydrogen, interstellar dust, to magnetic fields, interstellar gas dynamics, and evolution of galaxies.

LIFE OR DEATH: Ethics and Options—Edward Shils, P. B. Medawar and others, introd. by Daniel H. Labby—Univ. of Wash. Press, 1970, 167 p., \$4.95; paper, \$1.95. Essays explore whether the traditional concept of the sanctity of life has changed under the impact of advances in science that permit interference with life at all stages.

MOTHERS IN POVERTY: A Study of Fatherless Families—Louis Kriesberg—Aldine Pub. Co., 1970, 356 p., \$9.75. An assessment of alternative explanations of the intergenerational transmission of poverty.

NATURE/SCIENCE ANNUAL, 1970—Charles Osborne, Ed.—Time-Life Bks., 1970, 192 p., photographs, drawings, \$7.95. Covers such nature and science events of 1969 as the environmental cost of DDT, challenge for the gas engine, art's use of new technology, Sybaris, and pulsars.

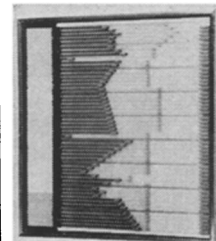
THE NEW AEROBICS—Kenneth H. Cooper, M.D.—Evans (Lippincott), 1970, 191 p., charts, \$5.95. An age-adjusted, graduated system of exercise based on a physical conditioning program adopted by the U.S. Air Force.

PRINCIPLES OF COMPARATIVE ANATOMY OF INVERTEBRATES, Vol. 1: Promorphology. Vol. 2: Organology—W. N. Beklemishev, transl. from Russian by J. M. MacLennan; Z. Kabata, Ed.—Univ. of Chicago Press, 1970, 490 p., 529 p., illus., boxed, \$35 the set. Translation of the 3rd (1964) edition of outstanding reference work, presents fundamental principles in concise form.

RADIO EMISSION OF THE SUN AND PLANETS—V. V. Zheleznyakov, transl. from Russian by H. S. H. Massey; J. S. Hey, Ed.—Pergamon Press, 1970, 697 p., illus., \$40. Presents a detailed discussion and analysis of the radio emission of the sun, the moon and the planets, with up-to-date references to the literature.

REACHING THE DISADVANTAGED LEARNER—A. Harry Passow, Ed.—Teachers College Press, 1970, 360 p., \$8.95; paper, \$5.95. Deals with a wide variety of compensatory programs and proposals, describes and analyzes factors essential in developing adequate education in urban schools.

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