

books OF THE WEEK

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LIGHT, COLOR AND ENVIRONMENT

—Faber Birren—Van Nostrand, 1969, 131 p., color charts & plates, photographs, \$19.95. Presents the functional aspect of color, based on study of the physiological, visual and psychological effects of color in urban surroundings.

MARINE MAMMALS OF BRITISH COLUMBIA

—G. C. Pike and I. B. MacAskie—Fisheries Research Bd. of Canada (Queen's Printer), 1969, 54 p., photographs, maps, paper, \$1.50. Brings together records of cetaceans and pinnipeds in British Columbia inshore and offshore waters.

MEDICINE IN THE GHETTO

—John C. Norman, M.D., Ed.—Appleton, 1969, 333 p., \$6.95. Contributions examine the present condition of health among black ghetto dwellers, the role of the ghetto physician, the economic issues, organization for health care, community control and participation.

THE NATIVE CACTI OF CALIFORNIA

—Lyman Benson—Stanford Univ. Press, 1969, 243 p., 16 color plates, photographs, drawings, maps, \$7.95. Designed for use by both botanist and layman, with new research included in detailed treatment of species.

THE OXFORD BOOK OF FOOD PLANTS

—S. G. Harrison, G. B. Masefield and Michael Wallis—Oxford Univ. Press, 1969, 206 p., illus. in color by B. E. Nicholson, \$11. Describes and illustrates in detail some 420 different plant varieties, organized in groups according to the kind of food they provide.

PARASITIC PROTOZOA

—J. R. Baker—Hillary House, 1969, 176 p., illus., \$5; paper, \$2. Gives systematic account of the whole group of parasitic protozoa with emphasis on those of medical and veterinary importance.

PHOTOGRAPHY: A Study in Versatility

—Peter J. Hillson—Doubleday, 1969, 191 p., photographs in color, diagrams, \$6.95. Reviews the wide range of recent advances in photographic techniques, and describes how they extend human vision in areas of science and industry.

PLANT SYMBIOSIS

—G. D. Scott—St. Martin's, 1969, 58 p., micrographs, diagrams, paper, \$1.50. Sponsored by the Royal Society and the Institute of Biology, the booklet introduces the essential principles of coexistence in organisms and the most important developments in symbiosis.

PLASTICS FILM TECHNOLOGY

—W. R. Park, Ed.—Van Nostrand Reinhold, 1969, 210 p., illus., \$10.95. Summarizes the technology and manufacture of plastics film and its use in packaging materials and possible application in non-packaging areas.

THE POLITICS OF UNTOUCHABILITY

Social Mobility and Social Change

in a City of India—Owen M. Lynch—Columbia Univ. Press, 1969, 251 p., photographs, map, \$10. Study deals with the effects of parliamentary democracy on a community of leather workers in Agra, analyzes their efforts to rise in terms of political, economic and religious aspects of their social life.

PRESTRESSED CONCRETE BEAMS

Design and Logical Analysis—C. B. Wilby—Elsevier Pub. Co., 1970, 97 p., photographs, diagrams, \$8.50. Of interest to designers of motorway and railway bridges, post-tensioned prestressed concrete beams and barrel vault roofs.

PUBLIC WORKS: A Dangerous Trade

—Robert Moses—McGraw-Hill, 1970, 952 p., photographs, \$14.50. Action-packed review of decades spent in the planning and building of parks, playgrounds, housing developments, highways, beaches, bridges, tunnels and power projects in New York City and New York State, with frequent quotes from official documents and letters.

RADIATION IN THE ATMOSPHERE

—K. Ya. Kondratyev—Academic Press, 1969, 912 p., diagrams, maps, \$39. Written from the standpoint of atmospheric physics and meteorology, coordinating an accurate physical approach with the descriptive empirical results that are important in meteorological practice.

SCHIZOPHRENIC REACTIONS

A Critique of the Concept, Hospital Treatment and Current Research—Robert Cancro, Ed.—Brunner/Mazel, 1970, 293 p., \$10. These Menninger Foundation conference proceedings present panel discussions of the validity of the concept of schizophrenia, indications for and value of hospital treatment, and current research on the schizophrenic syndrome.

THE SCHOOL LIBRARY: A Force for Educational Excellence

—Ruth Ann Davies—Bowker, 1969, 386 p., \$9.95. Defines the school library as a learning laboratory and outlines the ways in which the library can contribute in the five major curriculum areas.

SEQUENCES, COMBINATIONS, LIMITS

—S. I. Gelfand and others, transl. and adapted from Russian by Leslie Cohn and Joan Teller—MIT Press, 1969, 142 p., diagrams, \$6; paper, \$1.50. Designed for extracurricular training in mathematics for gifted high school students.

THE SHADOW OF THE TELESCOPE

A Biography of John Herschel—Günther Buttman, transl. from German by B. E. J. Pagel; David S. Evans, Ed.—Scribner, 1970, 219 p., photographs, \$7.95. Annotated biography of Sir John Herschel, based on unpublished correspondence, diaries and notebooks, covers the astronomical observations at Cape Town and the pioneering work in photography and in physical optics in Britain.

SHORTWAVE VOICES OF THE WORLD

—Richard E. Wood—Gilfer Associates, 1969, 95 p., illus., \$6.35; paper, \$3.95. Concerned primarily with two-way communications between individuals on certain assigned shortwave bands, provides illustrative material of QSL verifications, discusses language identification, interval signals, jamming and many other aspects of shortwave listening.

SOUND, NOISE AND VIBRATION CONTROL

—Lyle F. Yerges—Van No-

strand, 1969, 203 p., illus., \$9.95. Written in the idiom of the practicing professional, the book proceeds from the human factors to the measurements, definitions and solutions of noise problems, to help forecast the acoustical consequences of choice of materials and structure in buildings.

STRUCTURAL UNITS OF MEDICAL AND BIOLOGICAL TERMS

A Convenient Guide, in English, to the Roots, Stems, Prefixes, Suffixes and Other Combining Forms Which Are the Building Blocks of Medical and Related Scientific Words—J. E. Schmidt, M.D.—Thomas, C. C., 1969, 172 p., \$7.50. Of help to medical researchers and medical writers who may need new terms for previously unrecorded medical methods and discoveries.

THE STRUCTURE AND ACTION OF PROTEINS

—Richard E. Dickerson and Irving Geis—Harper, 1969, 120 p., illus., \$9.95; paper, \$4.50; stereo supplement, 21 plates, \$6.50. The more than 100 two-color diagrams help make this a lucid introduction to the structure and function of proteins, from the basic polypeptide chain to the organization of protein molecules in biological systems.

STUDIES IN ANIMAL AND HUMAN BEHAVIOR

Vol. I—Konrad Lorenz, transl. from German by Robert Martin—Harvard Univ. Press, 1970, 421 p., illus., \$10. Presents authoritative review of the founding period of ethology, 1931-42, includes major paper on companions as factors in the bird's environment.

THE TENEMENT LANDLORD

—George Sternlieb—Rutgers Univ. Press, 1969, 269 p., photographs, maps, graphs, \$6; paper, \$2.95. New edition of the 1966 study for the Urban Renewal Demonstration Project.

TROUBLED WATERS

—Daniel P. Mannix—Dutton, 1969, 247 p., illus. by Patricia Collins, \$6.95. Portrays the drama and ecology of underwater life, following a pair of goldfish from polluted river, past city and power plants, to the clear waters of a wooded stream and pond.

VIOLENT UNIVERSE: An Eyewitness Account of the New Astronomy

—Nigel Calder—Viking Press, 1970, 160 p., color plates, photographs, diagrams, \$8.95. An excellently written, concise description of the leading astronomers' efforts during the sixties to search and explain pulsating radio sources, quasars, exploding galaxies, solar storms, and reevaluate cosmological theories.

WE REACH THE MOON

—John Noble Wilford—Norton, 1969, 352 p., photographs, drawings, \$7.95. New York Times space reporter's expanded version includes chapters written after the debriefing of the first astronauts to set foot on the moon.

THE WORLD OF SPACE

—Robert Silverberg—Meredith Press, 1969, 185 p., map, \$5.95. Explains in nontechnical language the solar system, findings about the near and outer planets, and speculates about the possibilities of planetary space exploration.

THE WORLD OF THE AMERICAN ELK

—Joe Van Wormer—Lippincott, 159 p., photographs by author, \$5.95. Follows the habits of the elk through the seasons in his habitat, with classification notes and bibliography.