

books OF THE WEEK

AUTOKIND VS. MANKIND: An Analysis of Tyranny, a Proposal for Rebellion, a Plan for Reconstruction—Kenneth R. Schneider—Norton, 1971, 267 p., illus. by Richard D. Hedman, \$7.95. Aimed to provoke thought and action, the book uses contemporary sources to present the automobile's growing impact on American life.

BACTERIOPHAGE BIOCHEMISTRY—Christopher K. Mathews—Van Nostrand Reinhold, 1971, 373 p., illus., \$19.95. A review of the biochemistry of bacterial viruses with emphasis on the metabolism of the infected cell. Most extensive coverage is given to T-even phages. T-odd phages, temperate, single stranded DNA, RNA and *Bacillus subtilis* phages are also covered.

BEYOND THE AUTOMOBILE: Reshaping the Transportation Environment—Tabor R. Stone—Prentice-Hall, 1971, 148 p., photographs, diagrams, map, \$5.95. Discusses new proposals for a comprehensive transportation network, random-route and fixed-route systems, central business district area traffic, Bay Area Rapid Transit and similar solutions.

BIRD AMBULANCE—Arline Thomas—Scribner, 1971, 131 p., photographs, \$6.95. Intimate glimpses of injured wild birds and their responses to the author's care.

ENCOUNTER WITH DISASTER: A Medical Diary of Hiroshima, 1945—Averill A. Liebow—Norton, 1971, 209 p., photographs, \$8.95. Published first in 1965 in the Yale Journal of Biology and Medicine, this documented account by a key member of the U.S.-Japanese medical team, describes the day-to-day efforts to provide relief and cope with the unprecedented nature of emergency immediately following the bombing in 1945.

HIGHWAYS AND OUR ENVIRONMENT—John Robinson—McGraw-Hill, 1971, 340 p., photographs, \$24.50. Abundantly illustrated, systematic survey of the treatment of roads in our civilization, from rural to urban freeway, treats in turn the elements of design, clutter, litter, landscaping, space encroachment, scenic roads, malls, and finally the political decision-making process.

HUMAN CIRCADIAN RHYTHMS—R. T. W. L. Conroy and J. N. Mills—Churchill (Williams & Wilkins), 1971, 236 p., diagrams, \$11.50. Deals systematically with the daily rhythms in temperature, the endocrine system, and kidney, with cardiovascular hemopoietic and respiratory rhythms, time sense, circadian rhythm in birth, experiments and clinical applications.

HUMAN RACES—Stanley M. Garn—Thomas, C. C., 1971, 3rd ed., 196 p., illus., \$7.75. Expanded standard work on race in contemporary man, contains new sections on such topics as amyloid disease, carpal fusions, tyrosinemia, living races and fossil taxa, isoniazid polymorphism, intellectual impairment, and chromosomes and race.

INFECTIOUS AND PARASITIC DISEASES OF WILD BIRDS—John W. Davis and others, Eds.—Iowa State Univ. Press, 1971, 344 p., illus., \$12.50. Summarizes and correlates available knowledge on bird carriers of viral, bacterial, rickettsial and mycotic diseases, parasitic infections, neoplastic diseases and toxins.

KINSHIP AND CLASS: A Midwestern Study—Bernard Farber—Basic Bks., 1971, 210 p., \$7.95. A sociological inquiry into the structure of kin groups and the elements in kinship directed at maintaining a particular status in society. Case material mostly pertains to white lower-class families.

THE LIVING WORLD, Books 1 and 2—David Stanbury—Crowell-Collier (Macmillan), 1971, 222 p., 222 p., photographs in color, drawings, \$4.95 each; paper, \$2.96

each. Translated and freely adapted from French pictorial work, books illustrate the major groupings of the protista, plant and animal kingdoms, of flowerless plants, invertebrates, vertebrates and flowering plants.

NEUROELECTRIC RESEARCH: Electro-neuroprosthesis, Electroanesthesia and Non-convulsive Electrotherapy—David V. Reynold and Anita E. Sjöberg, Eds.—Thomas, C. C., 1971, 466 p., illus., \$27.25. Presents research and theoretical papers on the therapeutic uses of electricity, discusses such topics as electronarcosis, electrosleep, behavioral effects of electrical current, and effects of current on cardiovascular and endocrine systems.

ONE LIFE—ONE PHYSICIAN: An Inquiry into the Medical Profession's Performance in Self-Regulation—Robert S. McCleery, M.D. and others, introd. by Ralph Nader—Public Affairs Press, 1971, 167 p., \$5. Documented report to the Center for Study of Responsive Law, assesses the present working mechanism for maintaining the quality of physician performance in relation to education, law, medical societies, hospital and office practice.

OPTICAL ABSORPTION AND DISPERSION IN SOLIDS—J. N. Hodgson—Chapman & Hall (Barnes & Noble), 1971, 138 p., diagrams, \$8. Intended for research workers and final year undergraduates, provides a survey of recent advances in theories and techniques concerning optical properties of matter.

SAVAGE LUXURY: The Slaughter of the Baby Seals—Brian Davies—Taplinger, 1971, 214 p., photographs, \$6.50. Tells with full sympathy on the side of the seals about the spring time breeding of the Harp Seal herds in the Gulf of St. Lawrence, the annual fur seal hunts, and the crusade to abolish them.

THE SOCIAL FABRIC OF THE METROPOLIS: Contributions of the Chicago School of Urban Sociology—James F. Short, Jr., Ed.—Univ. of Chicago Press, 1971, 320 p., \$13.50. Selected research papers illustrate the range of inquiry of, and the methods employed by, the Chicago sociologists in the 1920's-30's.

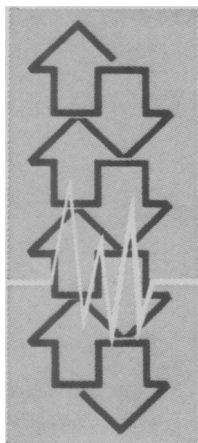
THE STUDY OF GAMES—Elliott M. Avedon and Brian Sutton-Smith—Wiley, 1971, 530 p., illus., \$9.95. A multidisciplinary study of the history and origins of games, anthropological and folklore sources, games used for recreation, military usages, games in education and therapy, and, finally, the structure and function of games.

TECHNOLOGY OF NECESSITY: Scientific and Engineering Development in Israel—Roy Popkin—Praeger, 1971, 185 p., \$7.95. The story of how Jewish scientists and engineers, faced with a homeland much of which consisted of eroded mountains and desert, made their country a concentrated laboratory of applied science.

TERRESTRIAL SLUGS—N. W. Runham and P. J. Hunter—Hillary House, 1971, 184 p., photographs, drawings, diagrams, \$6; paper \$2.50. Surveys the biology, physiology and ecology of slugs in relation to their status as horticultural and agricultural pests, and discusses their suitability for project work in schools and universities.

VERTEBRATE PALEOZOLOGY—Everett C. Olson—Wiley-Interscience, 1971, 839 p., illus., \$29.95. A scholarly discussion of the problems of the fossil vertebrates and the roles they play in our understanding of life and its evolution. Four sections deal in turn with the vertebrate record and its study, with vertebrate morphology and function, the classification of the vertebrates, and patterns of evolution.

WHAT NEXT?!—Albert Szent-Györgyi, with preamble by Daniel Webster—Philosophical Lib., 1971, 68 p., \$3.95. Fourth-generation scientist and Nobel Prize winner (1937) voices his concern about choosing the right national priorities and goals.



Now available in English Reinhold Rüdberg's **ELECTRICAL SHOCK WAVES IN POWER SYSTEMS**

Traveling Waves in
Lumped and Distributed
Circuit Elements

Translated by
Hanns J. Wetzstein

Electrische Wanderwellen, a long-established standard work in its field now in its fourth German edition, now appears for the first time in English translation.

"A bibliography of over 500 references is appended. The entire subject is given a crystal-clear treatment, which is aided by a large number of practical examples. The text can be highly recommended to practicing engineers and to students and teachers alike."

—*Journal of the Institute of Electrical Engineers*
368 pages; 452 figures; 21 tables. \$15.00

HARVARD UNIVERSITY PRESS
Cambridge, Mass. 02138