

books OF THE WEEK

ADVANCES IN ORGANIC GEOCHEMISTRY: Proceedings of the Third International Congress—G. D. Hobson and G. C. Speers, Eds.—Pergamon Press, 1970, 576 p., photographs, diagrams, \$21. Topics range from significance of carbon isotope variations in marine sediments to synthesis of peptides under primitive earth conditions.

AMERICAN MEN OF SCIENCE: The Social and Behavioral Sciences, SUPPLEMENT 1—The Jacques Cattell Press, Eds.—Bowker, 1970, 11th ed., 253 p., \$18. Biographical profiles of some 3,500 men and women prominent in the social and behavioral sciences, added within the past two years. Also includes changes of address and affiliation, and obituary notices for some 4,200 scientists in the 1968 basic volumes.

THE BIOLOGICAL IMPACT OF PESTICIDES IN THE ENVIRONMENT—James W. Gillett, Ed.—Ore. State Univ. Press, 1970, 210 p., illus., paper, \$10. Symposium papers assessing the significance of pesticides in relation to ecological problems and health.

BLAIN VILLAGE and the Fort Ancient Tradition in Ohio—Olaf H. Pruffer and Orrin C. Shane, III—Kent State Univ. Press, 1970, 287 p., 28 plates, diagrams, map, \$10. A thorough description of the results of the excavations at the late prehistoric Blain Indians site in southern Ohio.

BRITANNICA YEARBOOK OF SCIENCE AND THE FUTURE, 1971—Richard G. Young, Ed.—Encyclopedia Britannica, 1970, 448 p., photographs (200 in color), \$12.50. Reviews major scientific achievements between July 1969 and June 1970, and features 14 articles in pictorial essay form on topics in science, medicine and technology.

THE CAMERA—The Editors of Time-Life Books—Time, Inc. (Morgan & Morgan), 1970, 236 p., 350 photographs, diagrams, \$9.95. First of a new eight-volume series that aims at exposing the reader to the principles and processes of good photography with the aid of outstanding illustrations from LIFE magazine files.

CARDIOVASCULAR BETA ADRENERGIC RESPONSES: Proceedings of 1968 UCLA Conference—Albert A. Kattus, Gordon Ross and Victor E. Hall, Eds.—Univ. of Calif. Press, 1970, 284 p., illus., \$20. Papers and discussions of basic studies on the effects of catecholamines and of beta adrenergic blockade on the heart and peripheral circulation of man and animals, and on the role of propranol in the diseased heart.

THE CHRONICALLY ILL CHILD AND HIS FAMILY—Matthew Debuskey and Robert H. Dombro, Eds., foreword by Robert E. Cooke—Thomas, C. C., 1970, 203 p., illus. by Aaron Sopher, \$11.50. An in-depth study of the many factors that play a major role in the treatment of the child with heart disease, leukemia, speech defects, burns and other long-term diseases.

CONTOURS OF CHANGE: The Yearbook of Agriculture 1970—Jack Hayes, Ed.—USDA (GPO), 1970, 366 p., color plates, photographs, drawings, \$3.50. Popularly written essays by experts on rural America describe the revolution in agricultural methods, rural living conditions, the U.S. role in world agriculture, and take a look into the future.

DRUG ABUSE: Data and Debate—Paul H. Blachly, M.D., Ed.—Thomas, C. C., 1970, 322 p., diagrams, \$12.50. Papers represent the most recent and authoritative thinking

about the problems of drug dependence, from the sociology of addiction to the technology of developing new drugs to mass habits of using over-the-counter drugs.

THE GREAT PLANES—James Gilbert—Grosset & Dunlap, 1970, 251 p., photographs, \$14.95. Well written text, illustrated with the author's own as well as with pictures from international archives, presents 26 of the most spectacular and best flying aircraft in the history of aviation.

THE HIDDEN SEA—Photographs and Notes by Douglas Faulkner, text by C. Lavett Smith—Viking Press, 1970, 148 p., color plates, \$14.95. Large format and excellent color give the reader a close view of living sponges, corals, mollusks, crustaceans, echinoderms and fishes.

HOLOGRAPHY: With an Introduction to the Optics of Diffraction, Interference and Phase Differences—H. Arthur Klein—Lippincott, 1970, 192 p., photographs, diagrams, \$4.95. Makes coherent light comprehensible, explains how holograms use diffraction, and how the development of the laser-originated light beam has made holography practical.

THE IMAGE EMPIRE: A History of Broadcasting in the United States, Vol. III: from 1953—Erik Barnouw—Oxford Univ. Press, 1970, 396 p., photographs, \$9.75. Traces American programming during the boom years since 1953, shows how the television industry, closely allied with business and military interests, becomes both an international force and an influence on national opinion at home.

IN QUEST OF QUIET: Meeting the Menace of Noise Pollution—Henry Still—Stackpole Bks., 1970, 221 p., \$6.95. A call to citizen action, discusses the various sounds of contemporary civilization, the cost of high-speed travel, the nature of sound and its effect on man.

ISLANDS: Their Lives, Legends and Lore—Seon and Robert Manley—Chilton Bk. Co., 1970, 382 p., illus., maps, \$9.50. A treasury of pleasant, informative browsing among the world's islands, from the city island of Manhattan, pirate and Society islands, to islands harboring rare animal species or remains of lost civilizations.

LABORATORY IDENTIFICATION OF PATHOGENIC FUNGI SIMPLIFIED—Elizabeth L. Hazen and Morris A. Gordon—Thomas, C. C., 1970, 3rd ed., 253 p., photographs and illus. by Frank Curtis Reed, \$18.25. New edition lists criteria for identification of distinguishing characteristics for each microorganism, includes new section on superficial mycoses and other additions.

THE MEGATECTONICS OF CONTINENTS AND OCEANS—Helgi Johnson and Bennett L. Smith, Eds.—Rutgers Univ. Press, 1970, 282 p., diagrams, maps, \$12.50. Collection of papers of 1966 symposium, provides a comprehensive account of the development of modern tectonic theory since the paleomagnetic breakthrough.

THE NATURE OF LIFE: Earth, Plants, Animals, Men and Their Effect on Each Other—Lorus and Margery Milne—Crown Pubs., 1970, 320 p., 82 color plates, 125 photographs by Emil Javorsky and others, \$17.50. An overview of life on the continents and islands, in fresh waters and salt, emphasizes the steps shown by the fossil record toward modern times, choosing examples of historical patterns among the familiar, conspicuous, colorful and scientifically meaningful.

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