

books OF THE WEEK

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HAWAII'S ENCHANTED ISLANDS—Jim Sharp—Rand McNally, 1968, 160 p., 240 photographs in color by Ted Czolowski, \$14.95; before Christmas \$12.95. A visually beautiful, informative guide to contemporary Hawaii.

HOW TO BUILD AND SAIL A MODEL YACHT—Charles L. Pozzini and Earl O. Phillips—McKnight (Taplinger), 1968, 88 p., photographs, diagrams, folded chart, paper, \$2. Project for recreation and industrial arts shop.

INTERNATIONAL COMMUNICATION AND THE NEW DIPLOMACY—Arthur S. Hoffman, Ed.—Indiana Univ. Press, 1968, 206 p., \$6.95. Examines the interaction and effect of modern communications technology on the practice of diplomacy in the light of the findings of behavioral science.

INTERNATIONAL DIRECTORY OF RESEARCH & DEVELOPMENT SCIENTISTS, 1967 Annual: Author, Organization, Geographic Information (ISI, Philadelphia), 1968, 5035 columns, \$60. Alphabetical listing of some 125,000 names and addresses of key R&D personnel. Geographical index enables users to locate scientists by country, state, city. Organizational index helps locate individuals in a particular company or research lab who have published papers.

KINSHIP AND SOCIAL ORGANIZATION—Paul Bohannon and John Middleton, Eds.—Natural Hist. Press, 1968, 391 p., map, paper, \$2.50. A sourcebook in anthropology, includes detailed ethnographic accounts of ways in which descent may be traced, articles on kinship systems with special section on Australia.

MICROCOPYING METHODS—H. R. Verry, rev. by Gordon H. Wright—Focal Press, 1967, rev. ed., 183 p., illus., \$15. Discusses in detail the available methods of microrecording, their possibilities and applications. Includes list of microfilm standards, bibliography, manufacturers and glossary.

THE MOUNTAIN WORLD, 1966/67—Malcolm Barnes, Ed. of English version—Swiss Foundation for Alpine Research (Rand McNally), 1968, 228 p., 56 plates, maps, \$6.95. Reprints of original reports cover mountaineering and scientific expeditions to ranges beyond the Alps, from Eastern Hindu Kush in Asia, Mount Kenya in Africa, to the Sentinel Range in Antarctica.

A NATIONAL CATALOG OF FINANCIAL AIDS FOR STUDENTS ENTERING COLLEGE—Oreon Keeslar—Brown, Wm. C., 1967, 3rd ed., 396 p., paper, \$6.95. Lists more than 1,000 programs to help graduating high school seniors find financial assistance to go to college. While some require special qualifications, the majority of the opportunities are open to all who have high academic ability and financial need.

NEW GUINEA ON THE THRESHOLD: Aspects of Social, Political and Economic Development—E. K. Fisk, Ed.—Univ. of Pittsburgh Press, 1968, 290 p., photographs, maps, \$5.95. A study of the Territory of Papua-New Guinea, comprising hundreds of tribal groups, including some of the most recently contacted primitive races, with economic activities ranging from subsistence gathering to advanced air transport system.

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OCEAN ENGINEERING: Goals, Environment, Technology—John F. Brahtz, Ed.—Wiley, 1968, 720 p., illus., \$17.95. Summarizes lecture series designed to give an interdisciplinary approach to the planning, designing and constructing of systems for the effective use of the sea, from the law of the sea to materials selection for ocean engineering.

OCEANS—Karl K. Turekian—Prentice-Hall, 1968, 120 p., illus., \$5.95; paper, \$2. Incorporating recent research findings, the book provides an introduction to the study of the oceans, emphasizing the geologic and the chemical aspects.

ONE HUNDRED YEARS OF ANTHROPOLOGY—J. O. Brew, Ed.—Harvard Univ. Press, 1968, 276 p., illus., \$5.95. Contributions cover such subjects as advances in old world prehistory emphasizing the use of increasingly sophisticated techniques, the development of biological anthropology, and the progress of the science of anthropological linguistics.

PHYSICAL OPTICS—Robert W. Wood—Dover, 1967, 846 p., 17 plates, 462 diagrams, paper, \$4. Unabridged reprint of revised third (1934) edition.

THE PRESERVATION OF NATURAL HISTORY SPECIMENS, Vol. II, Parts 2-4: Zoology (Vertebrates), Botany, Geology—Reginald Wagstaffe and J. Havelock Fidler, Eds.—Philosophical Lib., 1968, 404 p., illus. by Elizabeth M. Begg and others, \$17.50. As volume I, published in 1955, this volume follows step-by-step method of instruction in the preservation of fishes, amphibians, reptiles, birds and mammals, as well as of paleobotanical and paleozoological specimens.

PROCEEDINGS OF THE 1967 INTERNATIONAL SYMPOSIUM ON ELECTRON AND PHOTON INTERACTIONS AT HIGH ENERGIES—S. D. Drell and others—CFTI (TID-4500), 1968, 658 p., illus., \$3. Papers deal with elastic and inelastic electron scattering, photoproduction, CP non-invariance, charge asymmetry, and instrumentation.

REGULAR MATRIX TRANSFORMATIONS—Gordon M. Petersen—McGraw-Hill, 1968, 142 p., \$8. Primarily a study of the sets of bounded sequences limited by regular matrices.

ROMANIA—D. Berciu—Praeger, 1967, 215 p., 73 photographs, drawings, maps, \$7.50. Written by archaeologist, the book surveys the different tribes and cultures in the Carpatho-Danubian region that left behind artifacts from the Neolithic Age through the Bronze Age to the First and Second Iron Age.

THE SST, HERE IT COMES, READY OR NOT: The Story of the Controversial Supersonic Transport—Don Dwiggin, introd. by Robert J. Serling—Doubleday, 1968, 294 p., photographs, \$5.95. Tells about the complex research and development program of a revolutionary aircraft, of the political and economic hurdles on the way and takes a look into the future.

SCIENCE FOR THE AIRPLANE PASSENGER—Elizabeth A. Wood—Houghton, 1968, 227 p., photographs, diagrams by Frank M. Thayer, \$4.95. Describes some aspects of physics, meteorology, aeronautics and geography most easily observed from the air, and explains what can be learned from these observations.

SELECTED PAPERS ON DESALINATION AND OCEAN TECHNOLOGY—Sumner N. Levine, Ed.—Dover, 1968, 437 p., illus., paper, \$4. Two dozen recent (1956-1965) papers on the general techniques and economics of desalination, on by-products of sea water conversion, dual-purpose plants, electrodiolytic process plants, reverse osmosis and the freezing process.

THE SEXUAL WILDERNESS: The Contemporary Upheaval in Male-Female Relationships—Vance Packard—McKay, 1968, 553 p., \$6.95. Findings of a four-year intensive study of the changes occurring in the male-female relationship that deserve public scrutiny, their causes, where the changes seem to be headed, and what kind of male-female relationship would be worth striving for.

SICILY: An Archaeological Guide—Margaret Guido—Praeger, 1967, 219 p., illus., maps, \$6.95. Describes the principal archaeological sites in Sicily from Paleolithic to Greek and Roman times.

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SILKS, SPICES AND EMPIRE—Asia Seen through the Eyes of Its Discoverers—Owen and Eleanor Latimore, Eds.—Delacorte Press, 1968, 340 p., maps, \$8.95. Annotated accounts by explorers, from the second century B.C. through the early part of the 20th century.

SUMMER FLOWERS FOR CONTINUING BLOOM—Arno and Irene Nehrling, Eds.—Brooklyn Botanic Garden, 1968, 89 p., photographs, paper, \$1.25. This handbook presents selection of annuals, perennials, shrubs, climbers, popular favorites and rarities to assure a colorful garden from spring to fall.

TEACHING PSYCHOLOGICAL ASPECTS OF PATIENT CARE—Bernard Schoenberg, Helen F. Pettit and Arthur C. Carr, Eds.—Columbia Univ. Press, 1968, 420 p., \$8.50. Representatives of nursing, medicine, psychiatry, psychology, sociology and social work discuss multidisciplinary approach to teaching patient care.

TECHNOLOGICAL CHANGE AND ECONOMIC DEVELOPMENT: The Manufacturing Experience of Mexico and Puerto Rico—W. Paul Strassmann—Cornell Univ. Press, 1968, 353 p., \$12.50. Charts the typical course that technological change in manufacturing takes during early industrialization, and analyzes and compares these findings with results of field work collected from 70 diverse manufacturing firms in Mexico and Puerto Rico during 1940-1965.

THERMOLUMINESCENT DOSIMETRY—J. R. Cameron, N. Suntharalingam and G. N. Kenney—Univ. of Wis. Press, 1968, 232 p., illus., \$7.50. Designed to be a comprehensive introduction to TDL, the technique to measure ionizing radiations, giving useful information as to instrumentation, phosphor characteristics and applications.

A TREASURY OF AUSTRALIAN WILDLIFE: Selected Studies from AUSTRALIAN NATURAL HISTORY—D. F. McMichael, Ed.—Ure Smith (Taplinger), 1960, 354 p., 235 photographs, \$12.95. Good natural history writing about monotremes, marsupials, insect migration, goannas, the nautilus and other animals of Australia.

UNVEILING THE UNIVERSE: The Aims and Achievements of Astronomy—Harley Wood—Am. Elsevier Pub. Co., 240 p., 45 plates, diagrams, \$10.75. Addressing the layman and amateur astronomer, the author gives an account of the basic principles, the tools, the observational evidence and reasoning which lead to our understanding of the universe.

WAVE PROPAGATION IN A RANDOM MEDIUM—Lev A. Chernov, transl. from Russian by R. A. Silverman—Dover, 1967, 168 p., paper, \$3. Unabridged reprint (1960), makes available in English the results of recent Russian investigations.

WAVE PROPAGATION IN A TURBULENT MEDIUM—V. I. Tatarski, transl. from Russian by R. A. Silverman—Dover, 1967, 285 p., paper, \$3.25. Reprint (1961) of mathematical monograph, of particular value to specialists in radio-physics and atmospheric acoustics and optics.

WOOD AS RAW MATERIAL: Source, Structure, Chemical Composition, Growth, Degradation and Identification—George Tsoumis—Pergamon, 1968, 276 p., illus., \$10. This text and reference work looks at wood from botanical, biological and technical points of view.

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