

books OF THE WEEK

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ABM: An Evaluation of the Decision to Deploy an Antiballistic Missile System—Hans Bethe and others, Abram Chayes and Jerome B. Wiesner, Eds., introd. by Edward M. Kennedy—Harper, 1969, 282 p., diagrams, \$5.95. Contains conclusions reached by 17 informed scientists and scholars who analyzed technical data concerning the effectiveness of the Sentinel/Safeguard system. Appendices include glossary, chronology 1955-1969, basic documents, tables comparing effectiveness of large nuclear weapons, and technical notes.

AMERICAN MEN OF SCIENCE: The Physical & Biological Sciences, Supplement 5—Jaques Cattell Press, Eds.—Bowker, 1969, 11th ed., 785 p., \$25. This latest supplement to the biographical directory covers the alphabet A-Z and brings the 11th edition up-to-date, including new entries as well as additions of changes in position and address, and deceased notices.

THE AMERICAN SEASONS (four books): **NORTH WITH THE SPRING. JOURNEY INTO SUMMER. AUTUMN ACROSS AMERICA. WANDERING THROUGH WINTER**—Edwin Way Teale—Dodd, 1969, 358 p., 366 p., 386 p., 370 p., maps, paper, \$2.25 each. Reprint (1960) of naturalist's record of a 17,000 mile journey through North America in each of the four seasons.

ANTIBODIES AND IMMUNITY—G. J. V. Nossal—Basic Bks., 238 p., illus., \$5.95. Research scientist in the field of immunology, draws together information from biochemistry, genetics, embryology and other areas to present the latest advances and insights into the study of antibodies and immunity.

APPROACHES TO EDUCATION FOR CHARACTER: Strategies for Change in Higher Education—Clarence H. Faust and Jessica Feingold, Eds.—Columbia Univ. Press, 1969, 451 p., \$10. Published for the 17th Conference on Science, Philosophy and Religion, the topics discussed range from approaches in school and college to education for character to suggestions for public service, the law and business.

THE ARCHAEOLOGY OF MARTHA'S VINEYARD: A Framework for the Prehistory of Southern New England—William A. Ritchie—Natural Hist. Press, 1969, 253 p., 70 plates, drawings, \$15. A study in coastal ecology and adaptation, reports in detail on the explorations at six sites, including descriptions of stratigraphy, features and artifacts.

AWAKENING FROM HISTORY—Edmond Taylor—Gambit, 1969, 522 p., \$8.95. The eyewitness observations of a gifted foreign correspondent who covered 40 years of twentieth century history-making events, reviewed and analyzed in the light of their consequences.

AWARDS, HONORS AND PRIZES: A Directory and Source Book—Paul Wasserman and Janice W. McLean, Eds.—Gale Research Co., 1969, 307 p., \$18.50. Alphabetically lists sources and describes some 2,228 different prizes and awards, includes both alphabetical and subject index of awards.

THE CHEM STUDY STORY—Richard J. Merrill and David W. Ridgway, foreword by Glenn T. Seaborg—Freeman, 1969, 162 p., photographs, diagrams, \$2.50. Written by the principal CHEM study collaborators, the book presents the development and evaluation of the successful curriculum improvement project that produced new teaching materials for the high school chemistry course, including textbook, laboratory experiments and films.

CHILDREN IN THE POLITICAL SYSTEM: Origins of Political Legitimacy—David Easton and Jack Dennis—McGraw-Hill, 1969, 440 p., illus., \$9.95. Indicates how children make their

first connections with the political system, what sentiments this relationship stimulates, and investigates empirically the development of political attitudes, ideas and feelings among 12,000 American school children, ages 7-14.

CITY CRITTERS—Helen Ross Russell—Meredith Press, 1969, 169 p., illus. by Marcia Erickson, \$3.95. About the small wildlife that shares urban life with man, from squirrels and rats to starlings and insects.

COMPENDIUM OF SOCIAL STATISTICS: 1967 (Data available as of 1 November 1966)—United Nations—U.N. Publishing Serv., N.Y., 1968, 662 p., paper, \$8.75. Provides tables on the world's population and vital statistics, health conditions, food consumption, housing, education and labor conditions.

THE COMPLEAT FLEA—Brenda Lehane—Viking Press, 1969, 126 p., illus., \$5.95. A light-hearted historical excursion through European literature and short natural history of the flea.

CONTROL SYSTEMS FOR TECHNICIANS—G. T. Bryan—Hart Pub. Co., 1969, 328 p., diagrams, \$12.50. Elementary work, covers the various aspects of automatic control theory at the technician's level.

THE DARNELL PERSONNEL DIRECTOR'S HANDBOOK—Wilbert E. Scheer—Dartnell Corp., 1969, 960 p., illus., \$21.50. A practical guide designed to encourage productivity in a challenging and rewarding work environment.

DARWIN'S SOUTH AMERICA—Robert S. Hopkins—Day, 1969, 224 p., illus., map, \$5.95. Geographer's fresh evaluation of the young naturalist's achievements, observations and discoveries, with excerpts from Darwin's writings reviewed in their historical perspective.

THE DISCOVERY OF THE NORTH-WEST PASSAGE by H. M. S. "Investigator," Capt. R. M'Clure, 1850, 1851, 1852, 1853, 1854—Commander Sherard Osborn, Ed.—Tuttle, 1969, 405 p., illus. by S. Gurney Cresswell, map, \$5. The famous voyage through Arctic waters, from the logs and journals of Capt. Robert Le M. M'Clure.

THE DIVINE ANIMAL: An Exploration of Human Potentiality—Roger W. Wescott—Funk & Wagnalls, 1969, 340 p., \$6.95. Anthropologist focuses his attention on what is latent in man, what in the long-range view man may become.

THE ECOLOGY OF REPRODUCTION IN WILD AND DOMESTIC MAMMALS—R. M. F. S. Sadleir—Methuen (Barnes & Noble), 1969, 321 p., diagrams, \$12. Reviews and collates the available information on the effects of environmental factors on mammalian breeding. While most of the detailed information is on domestic species, the book covers all classes, from shrews to whales, from primates to ungulates.

EDMUND HALLEY: Genius in Eclipse—Colin A. Ronan—Doubleday, 1969, 251 p., illus., \$5.95. A well-researched biography of the early 18th century astronomer, tells of his inventions and scientific work, of the important role he played in the publication of Newton's PRINCIPIA and his contributions to astronomical research.

EPISOMES—Allan M. Campbell—Harper, 1969, 193 p., illus., \$5.95. A Modern Perspectives in Biology volume, deals with the subject in the light of the latest progress in molecular biology and bacterial genetics.

ETHOLOGY OF MAMMALS—R. F. Ewer—Plenum Press, 1968, 418 p., photographs, drawings, \$26. Outlines fundamental ideas of ethology, then deals comparatively with such topics as food and feeding, social organization and territory, aggressive and friendly behavior, courtship and mating, and parental and juvenile behavior.

FAMILY AND COLOUR IN JAMAICA—Fernando Henriquez, preface by Meyer Fortes—Humanities Press, 1969, 2nd rev. ed., 208 p., photographs, maps, \$8. Detailed study of class and family customs in a Caribbean social system where color is one of the significant components of a rather stable society.

THE FUTURE OF THE BRAIN SCIENCES: Proceedings of Conference held at New York Academy of Medicine, 1968—Samuel Bogoch, Ed.—Plenum Press, 1969, 603 p., illus., \$19.50. Re-

ports on latest findings in brain circuitry and its structural basis, nucleic acids in memory and learning, neuropsychological studies, and on the basis of disorder in the nervous system.

THE GREAT SOCIETY'S POOR LAW: A New Approach to Poverty—Sar A. Levitan—Johns Hopkins Press, 1969, 348 p., photographs, \$7.95. Gives an authoritative account of the workings of the Office of Economic Opportunity and discusses the effectiveness of the various programs within the total antipoverty framework.

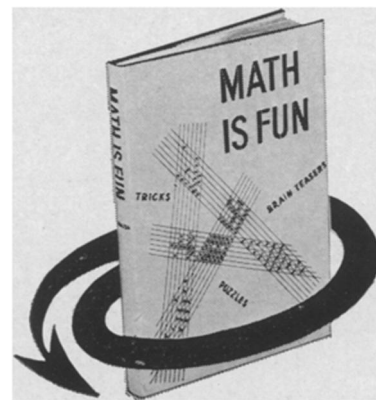
HANDBOOK OF RESOURCES FOR PHYSICS DEPARTMENTS . . . toward the Betterment of Academic Physics Departments—American Institute of Physics, Education and Manpower Division—AIP, 1969, 241 p., paper, \$2.50. Brings together concise information on a selected list of public and private organizations which offer services and supply information useful to physics teachers.

THE HILLS OF ADONIS: A Quest in Lebanon—Colin Thubron—Little, Brown, 1969, 179 p., photographs by author, maps, \$7.95. Thoughtful account of one man's explorations of the Lebanese coastline of small ancient ports and the inland mountains with their ruins of Phoenician, Greek and Roman civilizations.

IDEAS OF LIFE AND MATTER: Studies in the History of General Physiology, 600 B.C.-1900 A.D. Vol. I: From Pre-Socratic Times to the Enlightenment. Vol. II: From the Enlightenment to the End of the Nineteenth Century—Thomas S. Hall—Univ. of Chicago Press, 1969, 419 p., 399 p., \$20 per set. Two-volume history of man's endeavor to interpret the life-matter problem through the evolving application of analytical procedures.

THE INDIAN TRIBES OF NORTH AMERICA—John R. Swanton—Smithsonian Institution Press (Random House), 1969, 726 p., four fold-out maps, \$15. Reissue of classic handbook originally published in 1952 as Bureau of American Ethnology Bulletin 145.

USSR vs USA: The ABM and the Changed Strategic Military Balance—Co-chaired by Willard F. Libby, William J. Thaler and General Nathan F. Twining—Acropolis Bks., 1969, 71 p., diagrams, \$3.95; paper, \$1.75. Rebuttal statement by a special American Security Council Committee defending the Safeguard Missile Defense System.



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