

Books of the Week

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ABOARD AND ABOARD, 1967: Olson's Complete Travel Guide to Europe—Harvey S. Olson—Lippincott, 1006 p., illus. by Cy Ferring, \$6.95. Presents in new compact format up-to-date travel information for Western Europe.

AEROMODELING—R. H. Warring—Arc Bks., 168 p., illus., \$3.25; paper, \$1.45. Describes all facets and phases of the sport, with detailed formulas and guidelines for the design or flying of any type of model plane and glider.

THE AGE OF REPTILES—Edwin H. Colbert—Norton, 228 p., illus., paper, \$2.25. Reprint (1965). Tells for the layman the story of the origin, rise and decline of reptiles.

ALASKA: Pioneer State—Norma Spring—Nelson, Th., 222 p., photographs by Bob and Ira Spring, map, \$3.50. Portrait of the 49th state and the Alaskan way of life.

THE AMERICAN STUDENT'S FREEDOM OF EXPRESSION: A Research Appraisal—E. G. Williamson and John L. Cowan—Univ. of Minn. Press, 193 p., graphs, \$5.50. Study based on data from respondents to questionnaires—presidents, deans and student newspaper editors—on more than 800 U.S. campuses in ten types of colleges and universities.

BENZENOID-METAL COMPLEXES: Structural Determinations and Chemistry—H. Zeiss, P. J. Wheatley and H. J. S. Winkler—Ronald Press, 101 p., diagrams, \$7. Summary of the subject with literature coverage to January 1965.

BRIDGES AND MEN—Joseph Gies—Grosset & Dunlap, 343 p., illus., paper, \$2.95. Reprint (1963), recounts the history and lore of bridges.

THE DEPARTMENTAL LABORATORY ASSISTANT IN BIOLOGICAL SCIENCE: A Book on Principles, Methods and Techniques—Harold C. Steele—Dorrance, 213 p., \$5.75. A comprehensive and practical book designed for the student assistant employed by a department of biology to work under supervision of the teaching staff in conducting the biology instructional program.

EARLY AMERICAN WINTERS 1604-1820—David M. Ludlum—Am. Meteorological Soc., 285 p., illus., \$10. Sets down in chronological order and in proper geographical setting the meteorological details attending the extreme winter conditions over the eastern portion of the United States from its first settlement to 1820.

ECOLOGY OF PARASITES—N. A. Croll—Harvard Univ. Press, 136 p., illus., \$3.25. Discusses with a minimum of technicality what parasites are, how they live and the factors important in their ecology.

ELECTRONIC TESTING—L. L. Farkas, Ed.—McGraw, 304 p., diagrams, \$12. Describes the major types of electronic equipment, their uses, methods for aligning them and for testing their performance.

ELECTRONICS AND NUCLEONICS DICTIONARY—John Markus—McGraw, 3rd ed., 743 p., 993 illus., \$16.50. Provides preferred meaning, spelling, hyphenation, abbreviation of some 16,300 terms in industrial, medical, military and space electronics, radio, radar, avionics, nuclear science and engineering.

ELEMENTS OF MAGNETOGASDYNAMICS—L. E. Kalikham, transl. from Russian, ed. by A.G.W. Cameron—Saunders, 366 p., illus., \$8.75. Deals with the theory of magnetogas-dynamics, various problems involved in the motion of plasma, the investigating methods employed and selected applications. International bibliography included.

THE ENCYCLOPEDIA OF OCEANOGRAPHY: Encyclopedia of Earth Science Series, Vol. I—Rhodes W. Fairbridge, Ed.—Reinhold, 1021 p., \$25. Assembles in a single reference source 245 original articles by scientists covering the accumulated knowledge of the sea from "Abyssal hills"

to "Zooplankton", including up-to-date bibliographies.

GEOGRAPHY OF ISRAEL—Efraim Orni and Elisha Efrat—IPFST (Davey, D.), 2nd rev. ed., 363 p., photographs, maps, \$8.50. Covers not only the geographical features of Israel, but also its geology, climate, archaeological and historical background, demography, rural and urban settlement.

HANDBOOK OF LOGIC—E. R. Emmet—Philosophical Lib., 236 p., \$4.75. An introduction to logic with examples for the study of how to handle words and sentences and the principles of valid reasoning.

A HISTORY OF WAR AND WEAPONS, 449 to 1660: English Warfare from the Anglo-Saxons to Cromwell—A. V. B. Norman and Don Pottinger—Crowell, 224 p., illus. by D. Pottinger, \$6.95. Describes the evolution of weapons from the cross bow and mail to pistol and armor.

INTERFERONS. Frontiers of Biology, Vol. 2—N. B. Finter, Ed.—Saunders, 340 p., \$15. Describes in some detail the present position in the many different areas of research on interferons and points out important lines for future research.

THE LIFE OF THE DESERT—Ann and Myron Sutton—McGraw, 232 p., photographs, 100 in color, drawings, diagrams, \$4.95. Explores the problems of plant and animal survival in the arid environment of America's deserts, daytime and nighttime activities, and varieties of adaptation; includes section on national parks.

LIVING CONTROL SYSTEMS—L. E. Bayliss—Freeman, 189 p., diagrams, \$5. On the properties and responses of servo systems, the non-linearity of living systems, properties of some living control systems and elementary mathematics of servo systems.

MANKIND IN THE MAKING: The Story of Human Evolution—William Howells—Doubleday, rev. ed., 384 p., illus., \$5.95. Revision incorporates what has been learned about human evolution in the last seven years in Africa, Asia, Europe and the Middle East.

MANUAL OF COLOUR PHOTOGRAPHY—Edward S. Bomback—Barnes, A.S., 412 p., 77 color plates, illus., \$12. Provides a complete course on color photography for student and serious amateur, using throughout Kodak materials.

MENDELIAN INHERITANCE IN MAN: Catalogs of Autosomal Dominant, Autosomal Recessive and X-Linked Phenotypes—Victor A. McKusick—Johns Hopkins Press, 344 p., \$8. These catalogs will be maintained and updated on a continuing basis from revised magnetic tapes.

MODERN MICROSCOPY or Seeing the Very Small—V. E. Cosslett—Cornell Univ. Press, 160 p., 32 plates, diagrams \$5. Based on the 131st course of Royal Institution Christmas Lectures, this concise review summarizes for the practising scientist the great strides made in the exploration of the microstructure of nature.

MOTIVATION: Selected Readings—Dalbir Bindra, Ed.—Penguin Bks., 352 p., diagrams, paper, \$1.95. Selected papers deal with experimental research on the three central problems of motivation—drive, goal direction and reinforcement.

NEBRASKA SYMPOSIUM ON MOTIVATION 1966—David Levine, Ed.—Univ. of Nebr. Press, 209 p., illus., \$5.95; paper, \$2.95. Papers range from work on linear models for Pavlovian conditioning to a study of role-related behavior of the subject and psychologist, and its effect upon psychological data.

OF SCIENTISTS AND SALAMANDERS—Victor Chandler Twitty—Freeman, 178 p., illus., \$4.50. A witty and candid account of a research scientist centering on the major role the salamander has played as an experimental animal in several important developments in biology.

ON GROWTH AND FORM—D'Arcy Wentworth Thompson, abridged by John Tyler Bonner—Cambridge Univ. Press, 346 p., illus., paper, \$2.45. Reprint (1961), presents the core of the original work published in 1917, analyzing biological processes in their mathematical and physical aspects.

THE PALACE OF NESTOR AT PYLOS IN WESTERN MESSENA, Vol. I: The Buildings and Their Contents, Part 1, Text; Part 2, Plates—Carl W. Blegen and Marion Rawson—Princeton Univ. Press, 454 p., 32 p., 200 plates, \$40. Describes and illustrates with plans, drawing and photographs the finds of the Archaeological Expedition of the University of Cincinnati, excepting tablets, seals and frescoes.

PERSONALITY ASSESSMENT: Selected Readings—Boris Semeonoff, Ed.—Penguin Bks., 443 p., paper, \$1.95. From classical to contemporary work, these essential readings deal with variations in normal personality.

PUMPING OF LIQUID—F. A. Holland and F. S. Chapman—Reinhold, 406 p., illus., \$20. Authoritative work directed primarily to those working in the chemical processing and allied industries.

RADIOECOLOGY OF AQUATIC ORGANISMS: The Accumulation and Biological Effect of Radioactive Substances—G. G. Polikarpov, transl. from Russian, ed. by Vincent Schultz and Alfred W. Klement, Jr.—Reinhold Bks., 314 p., illus., \$16.50. Presents a systematized account of concepts and problems in the field of interrelation between marine organisms and radioactive environment.

WHITE AFRICAN: An Early Autobiography—L.S.B. Leakey, foreword by Kirtley F. Mather, new preface by author—Schenkman Pub. Co., 316 p., \$7.95. Born in Kenya in the midst of the Kikuyu tribe, the discoverer of Zinjanthropus describes his first thirty years, originally published in 1937.

THE WILD FLOWERS OF CALIFORNIA: Their Names, Haunts and Habits—Mary Elizabeth Parsons—Dover, 425 p., illus. by Margaret War-riner Buck, paper, \$2.25. Reprint (1907), with new table changes in nomenclature prepared by Roxana S. Ferris.

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