

books OF THE WEEK

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THE DOUBLE HELIX: A Personal Account of the Discovery of the Structure of DNA—James D. Watson—Atheneum, 1968, 232 p., illus., \$5.95. See review on p. 210.

AMPHIBIANS OF MALAWI—Margaret M. Stewart—State Univ. of New York Press, 1967, 163 p., 20 color plates, illus. by author, map, \$7.50. Illustrated handbook of Malawian (Nyasa-land) amphibians, mainly frogs and toads, members of both tropical and southern temperate zones, presented by zoologist-artist to the professional and amateur herpetologist.

THE ANNUAL SURVEY OF PSYCHONALYSIS: A Comprehensive Survey of Current Psychoanalytic Theory and Practice, Vol. IX, 1958—John Frosch, M.D. and Nathaniel Ross, M.D., Eds.—Intemat'l Universities Press, 1968, 527 p., \$12. Intended to serve as a definitive psychoanalytic reference work with summaries of articles and abstracts arranged under a number of headings.

BIRD WATCHING—Aubrey Burns—Watts, F., 1968, 65 p., illus. by Matthew Kalmenoff, \$2.65. Discusses the purpose of bird watching, field marks, habitats, migration and record keeping, for beginners.

THE CHANGING EARTH: An Introduction to Geology—John A. Shimer—Harper, 1968, 233 p., photographs, drawings by Genevieve Shimer, \$5.95. A concise introduction to the ever changing physical aspects of the earth in its four and a half billion years of existence, and the changing ideas about the earth resulting from new information.

CHANGING PATTERNS IN FERTILIZER USE—L. B. Nelson and others, Eds.—Soil Science Soc. of America, 1968, 480 p., illus., \$7.50. Focuses attention on recent developments and summarizes accepted principles important to the use of fertilizers on various crops.

CHARLES DARWIN and the Origin of Species—Walter Karp and Editors of HORIZON MAGAZINE, J. W. Burrow, Consultant—Harper, 1968, 153 p., color photographs, paintings, drawings, \$4.95. Richly illustrated and highly readable short biography of the great naturalist.

COMPLETE PLANNING FOR COLLEGE—Sidney Sulkin—Harper, 1968, rev. ed., 324 p., \$6.95. Provides tabulated and detailed answers to such questions as how to get the best counseling, who goes where, colleges with room for more students, what the superior student should do, what happens to C students, what to expect in college, and what to do if you are not accepted.

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A DECADE OF HEALTH SERVICES: Social Survey Trends in Use and Expenditure—Ronald Andersen and Odin W. Anderson—Univ. of Chicago Press, 1967, 244 p., diagrams, \$13. This analysis of how people in the U.S. use the health service system is based on three parallel studies of representative samples of the nation's families at five-year intervals from 1953 to 1963.

DESERT WILDLIFE—Edmund C. Jaeger—Stanford Univ. Press, 1968, 308 p., photographs, drawings, \$5.95; paper, \$2.95. Expanded revision of the author's popular OUR DESERT NEIGHBORS (1950).

THE DESIGN AND CONSTRUCTION OF SMALL VACUUM SYSTEMS—Geoffrey W. Green—Chapman & Hall (Barnes & Noble), 1968, 181 p., illus., \$5.50. Aimed at the post-graduate student and research worker who is inexperienced in vacuum technology, yet needs to construct a vacuum system in the course of his experimental work.

DIAGNOSTIC PSYCHOLOGICAL TESTING—David Rapaport, Merton M. Gill and Roy Schaffer, rev. by Robert R. Holt, Ed.—International Univs. Press, 1968, 562 p., \$15. Updated, theoretically oriented handbook of diagnostic psychological testing with emphasis upon diagnostic suggestions from specific test findings.

DIAGONAL FINDER—Carl L. Bailey—Bailey-Weaver Co., 1967, 20 p., paper, \$2. Handy conversion tables to find the accurate hypotenuse to odd measurement requirements without multiplying or square root.

DIELECTRICS—J. C. Anderson—Chapman & Hall (Barnes & Noble), 1968, 171 p., diagrams, \$4.50; paper, \$3. Gives the background theory to the many recent advances in the field of dielectric materials and their applications.

DISPLAY SYSTEMS ENGINEERING—H. R. Luxenberg and Rudolph L. Kuehn, Eds.—McGraw-Hill, 1968, 444 p., illus., \$16.50. Develops the theoretical foundations of display systems, deals with system coding, photometry, colorimetry, image analysis, optics, recording media, cathode devices, film-based projection systems and lasers.

THE ELECTRONIC REVOLUTION—S. Handel—Penguin Bks., 1968, 252 p., illus., paper, \$1.45. Deals with the beginnings and growth of electronics, and with the revolution it brought about in communication, transport, war, life sciences and culture.

ENCYCLOPEDIA OF ASSOCIATIONS, Vol. 1: National Organizations of the United States—Frederick G. Ruffner, Jr., Ed.—Gale Research Co., 1968, 5th ed., 1331 p., \$29.50. Information concerning the location, size and objectives of more than 13,600 trade associations, professional societies, labor unions and other types of groups consisting of voluntary members.

ENVIRONMENTS OUT THERE—Isaac Asimov, foreword by Tad Harvey—Abelard-Schuman, 1968, 128 p., photographs, \$3.75. Helps younger readers visualize and understand the different environmental conditions on moon and planets.

FAMILY AND COMMUNITY IN IRELAND—Conrad M. Arensberg and Solon T. Kimball—Harvard Univ. Press, 1968, 2nd ed., 417 p., diagrams, \$7.95. To original study (1940), six new chapters on the behavior of Irish townsmen and the distinctions between rural and urban life have been added.

THE FIRST BOOK OF CLIFF DWELLERS—Rebecca B. Marcus—Watts, F., 1968, 90 p., photographs, \$2.65. Brief history of the Mesa Verde Cliff Dwellers and their culture.

INDUSTRIAL LOGISTICS: Analysis and Management of Physical Supply and Distribution Systems—John F. Magee—McGraw-Hill, 1968, 353 p., diagrams, maps, \$11.50. Surveys the elements of a logistic system and the concepts and techniques of analysis related to logistic system design.

A LABORATORY INVESTIGATION OF CONCEPTS IN CHEMISTRY—Frances S. K. Sterrett, Sibilla E. Kennedy and Esther B. Sparberg—Harper, 1968, 198 p., illus., paper, \$4.95. Manual precedes each of the 32 experiments with a series of leading questions and brief historical discussion of the evolution of the ideas relating to

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the experiment, and concludes experiments with further probing questions.

THE LANGUAGE BARRIER: Beast and Men—Elisabeth Mann Borgese—Holt, 1968, 151 p., photographs, \$5.95. Relates the author's experiences with training a chimpanzee and a dog to use the typewriter, her encounters with elephant intelligence and other evidence of communicating animals.

NEUROPHYSIOLOGY AND EMOTION—David C. Glass, Ed.—Rockefeller Univ. Press, 1967, 234 p., illus., \$7.50. Conference proceedings, papers deal with brain mechanisms, endocrine systems and autonomic activity in relation to emotional behavior, and with infantile stimulation and adult emotional reactivity.

POOR LAW TO POVERTY PROGRAM: Economic Security Policy in Britain and the United States—Samuel Mencher—Univ. of Pittsburgh Press, 1967, 476 p., \$8.95. Historical and philosophical background study with comprehensive examination of the growth of welfare policy, from the English Poor Law of the 16th Century to the present.

PRINCIPLES OF INSECT CHEMOSTERILIZATION—Germain C. Labrecque and Carroll N. Smith, Eds.—Appleton, 1968, 354 p., illus., \$16. Comprehensive and critical survey of chemosterilants, evaluating chemical, biological and toxicological studies in laboratory and field.

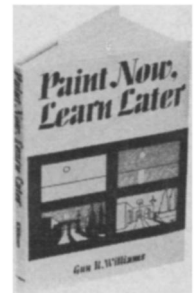
TEXTBOOKS

DIFFERENTIAL AND INTEGRAL CALCULUS—Friedhelm Erwe, transl. from German by B. Fishel—Hafner Pub. Co., 1967, 494 p., \$9.25. Introductory textbook to the calculus, interspersed with exercises and examples to provide the student with manipulative experience.

FINITE GROUPS—Daniel Gorenstein—Harper, 1968, 527 p., \$17. Presents a systematic development of the various methods which play a central role in current research and shows how these techniques are applied to the solution of specific classification problems.

FINITE MATHEMATICS—William H. Richardson—Harper, 1968, 191 p., diagrams, \$7.95. Text for a one-semester course for students in liberal arts and business.

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