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**ADVENTURES OF A MATHEMATICIAN**—S. M. Ulam—Scribner, 1977, 317 p., illus., paper, \$4.95. Autobiographical reminiscences of childhood and student days in Poland; life at Princeton, Harvard and Los Alamos with reflections on mathematics, mathematicians and physicists. Originally published in hardback in 1976.

**APTITUDES AND INSTRUCTIONAL METHODS: A Handbook for Research on Interactions**—Lee J. Cronbach and Richard E. Snow—Irvington (Halsted Pr), 1977, 574 p., charts & diagrams, \$34.50. Concerns individual differences and their influence on student response to the alternatives the educator can offer from preschool to post-graduate levels. Student characteristics including abilities, cognitive styles, personality traits and intellectual-processing skills are considered.

**THE AUDUBON SOCIETY BOOK OF WILD ANIMALS**—Les Line and Edward Ricciuti—Abrams, 1977, 296 p., color plates, \$37.50. Magnificent photographs provide a tribute to mammals, celebrating their wonder and accomplishments in order, according to the authors, to awaken greater public interest in their ways and their survival.

**A BAREFOOT DOCTOR'S MANUAL**—The Revolutionary Health Committee of Hunan Province, Translated by Titus Yu—Clouburst Pr (Greene), rev. ed., 1977, 372 p., drawings, paper, \$6.95. This manual, published in China in 1970 to supply the barefoot doctors with a basic guide to their work in serving China's rural population, provides a fascinating introduction to the Chinese concepts of health and disease.

**BEHAVIOR PATTERNS, STRESS, AND CORONARY DISEASE**—David C. Glass—LEA (Halsted Pr), 1977, 217 p., \$14.95. Presents experimental findings to support the relationship between coronary disease, stress and the Type A coronary-prone behavior pattern.

**THE CANCER CONNECTION: And What We Can Do About It**—Larry Agran—HM, 1977, 220 p., \$8.95. The author, a lawyer, grapples with cancer policy and laws and offers directions for change. However, he goes farther in tying cancer to the environment than do most experts.

**CANNIBALS AND KINGS: The Origins of Cultures**—Marvin Harris—Random, 1977, 239 p., \$10. Points out the relationship between material and spiritual well-being and the costs/benefits of various systems for increasing production and controlling population growth.

**CHILD PSYCHIATRY: Treatment and Research**—Mae F. McMillan and Sergio Henao, Ed.—Brunner-Mazel, 1977, 315 p., \$15. These papers, presented at the 10th Annual Symposium, Texas Research Institute of Mental Sciences, Fall 1976, combine new research findings in genetics, neuropsychology, neuropsychology and comparative child development with a practical approach to day-to-day treatment issues in a variety of child populations.

**A CITY HERBAL: A Guide to the Lore, Legend, and Usefulness of 34 Plants That Grow Wild in the City**—Maida Silverman—Knopf, 1977, 181 p., drawings by the author, \$10, paper, \$5.95. The plants described and illustrated grow in vacant lots and waste places, along roads and highways, in the poorest soils, and from cracks in the sidewalks, where there seems to be no soil at all, they manage to flourish and thrive.

**ENZYME STRUCTURE AND MECHANISM**—Alan Fersht—W H Freeman, 1977, 371 p., charts & diagrams, \$20, paper, \$9.95. The philosophical and theoretical aspects center on how the interactions of an enzyme with its substrates lead to enzyme catalysis and specificity, and upon the relationship between structure and mechanism. Enzymes as molecules are emphasized in the experimental approaches.

**THE EVOLUTION OF NORTH AMERICA**—Philip B. King—Princeton U Pr, rev. ed., 1977, 197 p., illus., \$25, paper, \$9.50. A readable text on continental geology that has been revised to include the new concepts of global tectonics and changes in the knowledge of North American geology.

**GEOGRAPHIC VARIATION, SPECIATION, AND CLINES**—John A. Endler—Princeton U Pr, 1977, 246 p., illus., \$16, paper, \$6.95. Reviews the literature on population differentiation in the absence of barriers to gene flow and points out some of the problems in genetic biogeography.

**HANDBOOK OF SOLID WASTE MANAGEMENT**—David Gordon Wilson, Ed.—Van Nos Reinhold, 1977, 752 p., illus., \$39.50. A comprehensive collection of data on solid wastes, for the layman wanting an introduction to various methods of approaching solid waste problems and for the research worker wanting specific data in a particular area.

**HYDRAULIC BEHAVIOR OF ESTUARIES**—D. M. McDowell and B. A. O'Connor—Halsted Pr, 1977, 292 p., illus., \$27.50. Exposes the mechanics of estuarine systems and indicates the principal methods used to control them.

**LANGUAGE AND MENTAL DEVELOPMENT**—Pierre Oléron, Translated by Raymond P. Lorion—LEA (Halsted Pr), 1977, 182 p., \$16.50. Considers the role language plays in psychological development, focusing on the development of cognitive and intellectual skills.

**MARS: The Red Planet**—Isaac Asimov—Lothrop, 1977, 222 p., illus., \$7.95. A simply written book about Mars from the earliest discoveries about this planet to recent data obtained during the Viking missions.

**MEDICAL ADVANCES**—Lawrence Galton—Crown, 1977, 247 p., \$8.95. The newer specific developments in medical treatment abstracted by a medical writer and presented in readable, well-organized form with a complete reference list for those who seek further detailed information.

**MEDICINE AT HARVARD: The First Three Hundred Years**—Henry K. Beecher and Mark D. Altschule—U Pr of New Eng, 1977, 587 p., illus., \$27.50. An account and assessment of the Harvard Medical School's contribution to medical education and to the practice of medicine. The emphasis is upon the men in the classroom, laboratory and hospital "and the medicine they made."