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**ANNUAL REVIEW OF GENETICS, VOL. 14** — Herschel L. Roman, et al., Eds. Articles discuss such topics as chromosome abnormalities in human leukemia and DNA replication in viruses. Annual Reviews, 1980, 485 p., \$20.

**THE ATOM BESIEGED: Extraparliamentary Dissent in France and Germany** — Dorothy Nelkin and Michael Pollak. Argues that persistent opposition to nuclear power goes well beyond the fear of risk. It is a social movement that embodies fundamental questions about the social and political properties of nuclear technology and its effect on political life. MIT Pr, 1981, 235 p., illus., \$17.50.

**BIRDS OF AFRICA** — John Karmali, foreword by Roger Tory Peterson. Magnificent color photographs are the outstanding feature of this large-format book on the birds of Africa south of the Sahara. The rich variety of the continent's bird life is captured by East Africa's distinguished bird photographer. Viking Pr, 1980, 191 p., color/b&w illus., \$25.

**COLOR OBSERVED** — Enid Verity. A comprehensive survey of color information designed to stimulate interest in both the science and aesthetic appreciation of color and to build a bridge between the two "in belief that beauty lies in the educated eye of the beholder." Van Nos Reinhold, 1980, 171 p., color/b&w illus., \$19.95.

**ENCYCLOPEDIA OF MATHEMATICS** — Mathematical Society of Japan, Shōkichi Iyanaga and Yukiyo Kawada, Eds., translation reviewed by Kenneth O. May. An outstanding comprehensive encyclopedia of pure and applied mathematics for the advanced student and researcher. Contains many cross references and citations to the literature. Originally published in hardback in 1977. MIT Pr, 1980, 1750 p., illus., paper, \$40.

**HOW TO GROW SCIENCE** — Michael J. Moravcsik. A book explaining what science is, how it is made and what scientists are like. Aimed at non-scientists and persons involved in science policy and management, as well as scientists concerned with the public acceptance of their work. Universe, 1980, 206 p., \$12.50.

**THE HUMAN CONNECTION** — Ashley Montagu and Floyd Matson. Describes how people communicate through posture, gesture, eye movement, as well as some astonishing holdovers from animal communication. Emphasizes the importance of touch in the development of a healthy body and mind. Originally published in hardback in 1979. McGraw, 1981, 211 p., paper, \$4.95.

**HUMAN NATURE AND HISTORY: A Response to Sociobiology** — Kenneth Bock. The central argument is that explication of social and cultural differences is a primary task of the human sciences and that such explication is best sought in comparison of human histories, not in human biology or comparative ethology. Columbia U Pr, 1980, 241 p., \$18.95.

**LAW AND ETHICS IN THE PRACTICE OF PSYCHIATRY** — Charles K. Hofling, Ed. These papers focus on the critical issues at the interface of psychiatry and the law. They discuss historical perspectives, clinical issues, the psychiatrist as an expert witness and ethical issues. Brunner-Mazel, 1981, 260 p., \$20.

**LEONARDO THE INVENTOR** — Ludwig H. Heydenreich, Bern Dibner and Ladislao Reti. Chapters taken from *The Unknown Leonardo*, published in 1974 after the discovery of two of da Vinci's notebooks in the Biblioteca Nacional, Madrid. This volume analyzes Leonardo's military genius; examines machines and weaponry, pointing up Leonardo's fascination with ballistics, propulsion and flight; and discusses Leonardo's understanding of machines. McGraw, 1980, 192 p., color/b&w illus., \$9.95.

**LEONARDO THE SCIENTIST** — Carlo Zammattio, Augusto Marinoni and Anna Maria Brizio. These essays from *The Unknown Leonardo* by noted Vincian scholars trace the development of Leonardo's thought throughout his career; present a wide range of subjects through Leonardo's eyes, expressed in his own words; and analyze Leonardo's studies of hydraulics in his scheme to link Florence with the sea. McGraw, 1980, 192 p., color/b&w illus., \$9.95.

**A LIFE OUTDOORS: A Curmudgeon Looks at the Natural World** — Wayne Hanley. Publications editor of the Massachusetts Audubon Society, who is described in the foreword as an "articulate naturalist," takes the reader in charming essays through a year in the out-of-doors. Greene, 1981, 115 p., drawings by Michael A. Digiorgio, paper, \$5.95.

**MEMORY: Surprising New Insights Into How We Remember and Why We Forget** — Elizabeth Loftus. In a readable style the psychologist-author analyzes the many dimensions of memory and discusses the ramifications of these findings, such as memory and older people, the validity of eyewitness accounts, how computers are being used as memory substitutes. Presents specific hints on "fighting forgetting." A-W, 1980, 207 p., illus., \$10.95, paper, \$5.95.

**THE MYSTERY OF MIGRATION** — Robin Baker, Ed. A beautifully illustrated book on migration in which migration and movement are considered one and the same. Viking Pr, 1981, 256 p., color/b&w illus., \$29.95.

**THE OCEANS** — Robert Barton. Examines the mysterious seas from many angles — ocean waves, currents, tides and life, and how ocean resources could be further developed. Describes the latest advances in fishing, oil and gas exploration and power generation from the seas. Facts on File, 1980, 336 p., color/b&w illus., \$19.95.

**PRE-COLUMBIAN ART: The Morton D. May and The Saint Louis Art Museum Collections** — Lee A. Parsons. Depicts the art of the advanced civilizations of the New World created by indigenous American Indians and developed primarily in the Mexico-Guatemala and Peru-Bolivia areas from 1200 B.C. to the time of Columbus and the Spanish conquest about A.D. 1500. Har-Row, 1980, 320 p., color/b&w illus., \$29.95.

**THE SMALL COMPUTER IN SMALL BUSINESS** — Brian R. Smith. "A computer is a complex electronic and mechanical device that requires a commitment of time and effort on the part of those who would benefit from what it can do." This book was written as a primer for business personnel who want to gain a basic knowledge of computers in order to deal intelligently with computer vendors. Greene, 1981, 143 p., illus., \$12.50.

**THE USE OF MICROPROCESSORS** — M. Aumiaux, translated by Anne Hutt. For those who need a first introduction to microprocessors. This book enables the reader to study two of the 8-bit microprocessors, the Intel 8080 A and the Motorola 6800. Wiley, 1980, 198 p., illus., \$36.

**WORLD SOLAR ARCHITECTURE** — S.V. Szokolay. Provides case studies of more than 100 solar buildings in Asia, Europe, Australia and the United States, each illustrated with plans and photographs, showing how the basic problems of solar design have been resolved in a surprising variety of ways. Written not only for the "solar enthusiast" but also for the average architect. Wiley, 1980, 278 p., illus., \$64.95.

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