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ARTIFICIAL PARANOIA: A Computer Simulation of Paranoid Processes—Kenneth Mark Colby, M.D.—Pergamon, 1975, 113 p., diagrams, \$12.50; paper, \$7.50. Describes the construction of a complex symbolic model of psychopathology, tested by comparing its linguistic behavior in a psychiatric interview with the linguistic behavior of paranoid patients.

THE AUTOMOBILE and the Regulation of Its Impact on the Environment—Frank P. Grad, Albert J. Rosenthal et al.—U of Okla Pr, 1975, 481 p., diagrams, tables, \$19.95; paper, \$9.95. Examines in great detail a number of alternative strategies for contending with automotive pollution, from roll-back strategy relying on emission controls to traffic control and legal regulation.

BLACK HOLES, GRAVITATIONAL WAVES AND COSMOLOGY: An Introduction to Current Research—Martin Rees, Remo Ruffini and John Archibald Wheeler—Gordon, 1975, 166 p., plates, diagrams, tables, \$29.50. Intended as an introduction to the rapidly developing field of relativistic astrophysics and cosmology, deals with the basic concepts on a level comprehensible to beginning students, and summarizes relevant observations.

THE CELTS—Duncan Norton-Taylor and the Editors of Time-Life Books—Time-Life Bks., 1975, 160 p., color plates, b&w photographs, map, \$7.95. Picture essays tell the history of Celtic civilization on the Continent and the British Isles between 700 B.C. and 100 A.D.

COMPUTERS AND THE SOCIAL SCIENCES—Alan Brier and Ian Robinson—Columbia U Pr, 1974, drawings, 285 p., \$12.50; paper, \$6.50. Concise introduction examining computer application to various areas of social science, while conveying a sense of logical processes involved in using a computer.

CONTROLLED ENVIRONMENTS FOR PLANT RESEARCH—Robert J. Downs—Columbia U Pr, 1975, photographs, drawings, 200 p., \$12.50. Provides background information on mechanical systems, the reasons for uniform measurement and reporting of experiments, and a discussion of various plant responses to controlled environments.

THE DAWNSEEKERS: The First History of American Paleontology—Robert West Howard, foreword by Gilbert F. Stucker—Harbrace, 1975, 314 p., plates, map, \$8.95. Traces the course of the science of fossils from the early mastodon bogs of New York's Walkill valley to the elaborate dinosaur digs of the Rocky Mountains, tells how they triggered intellectual ferment and established conclusive evidence of evolution.

ESTUARINE BIOLOGY—R. S. K. Barnes—Crane-Russak, 1975, 76 p., photographs, drawings, paper, \$3.25. Study outlines recent advances in understanding the biology of estuarine organisms, mainly fauna, in the context of their environment.

FAIR WEATHER TRAVEL AMONG EUROPE'S NEIGHBORS—Edward D. Powers—Mason/Charter, 1975, 304 p., 28 maps by author, tables, \$12.50. Discusses the Near East, the North Atlantic region, North Africa, the Mediterranean

beaches, from the point of view of off-season vacations, topography and climate; 82 city weather tables are included.

A FIELD GUIDE TO THE STARS AND PLANETS—Donald H. Menzel—HM, 1975, 398 p., photographs, sky maps, \$4.95. Complete pocket guide to the night sky provides the reader with the basic information needed for sky watching with the naked eye, binoculars, or telescope.

FROM GEOMETRY TO TOPOLOGY—H. Graham Flegg—Crane-Russak, 1975, 186 p., illus., \$10.50. Book provides a link from geometry to topology, the initial approach is elementary to provide an informal preview of what the earlier part of a university course in topology might entail.

GENETICS OF FLOWERING PLANTS—Verne Grant—Columbia U P., 1975, 514 p., photographs, drawings, bibliography, index, \$20. Summarizes present knowledge of the genetics of higher plants, focusing on the nature and action of genes and the genetic system. Concludes with a discussion of the place of plant genetics in biology. Useful book for students, teachers and research workers in genetics, botany, general biology, and agriculture.

HIGH-QUALITY PROTEIN MAIZE—L. F. Bauman et al, Eds.—DH&R (Halsted Pr), 1975, 534 p., photographs, diagrams, tables, \$28. Symposium proceedings discuss the progress and strategy for future development of high-quality protein maize production.

A HISTORY OF AMERICAN ARCHAEOLOGY—Gordon R. Willey and Jeremy A. Sabloff—Scribner, 1975, 252 p., photographs, line drawings, \$9.95. This history of archaeology also provides an introduction to the Pre-Columbian cultures of the Mayas, Incas and Aztecs, as well as the Navajo, Hopi and other North American Indians.

HUMAN COMMUNICATION: Theoretical Explorations—Albert Silverstein, Ed.—LEA (Halsted), 1974, 264 p., \$12.95. Treats the whole spectrum of problems related to human communication, from information theory and motivation, psychological theory of the meaning of sentences, to linguistic relativity, the future of verbal media, and language of the body.

HUMAN ENGINEERING—John Lenihan—Brazilier, 1975, 210 p., line drawings, index, \$7.95. Examines the physical design of the human body which possesses some 600 "engines" operated by "levers" and discusses the "fuel" intake necessary for upkeep and motion. Describes the highly adaptable organs—eyes, nose, lungs, blood system, digestive tract, etc.—and concludes with discussions of the body's engineering failures.

INTO THE LOST WORLD: A Descent into Prehistoric Time—David Nott—P-H, 1975, 186 p., \$7.95. Climber-adventurer's account of a scientific expedition of a Venezuelan plateau and its discoveries.

IS IT WELL WITH THE CHILD? A Parent's Guide to Raising a Mentally Handicapped Child—Susan Strauss—Doubleday, 1975, 152 p., \$7.95. Wise and informed mother of autistic child gives practical advice on diagnostic facilities, therapy, day schools, residential schools and parent associations.

THE JUDICIARY COMMITTEES: A Study of the House and Senate Judiciary Committees—Ralph Nader Congress Project; Peter H. Schuck, Ed.—Grossman, 1975, 446 p., paper, \$5.95. Study focuses on the action in the 92nd Congress, the Senate committee in particular, the anti-trust subcommittees, constitutional amendments, criminal laws, and includes recommendations for changes.

THE PRECIOUS METALS OF MEDICINE—Geoffrey Marks and William K. Beatty—Scribner,

1975, 294 p., photographs, \$7.95. Gives an overview of the variety of roles metals have played in the history of medicine, from alchemy, crude surgery, and the emergence of noble metals, to 20th-century use of metals in diagnosis and internal medicine.

THE PRIME OF MS. AMERICA: The American Woman at Forty—Janet Harris—Putnam, 1975, 250 p., \$7.95. Discusses the identity crisis common to many hitherto busy women reaching middle age in America, gives a perceptive account of what the middle years represent in dilemmas, misconceptions, challenges, fresh perspectives and fulfillment.

PRINCIPLES AND TECHNIQUES OF ELECTRON MICROSCOPY: Biological Applications, Vol. 5—M. A. Hayat, Ed.—Van Nos Reinhold, 1975, 250 p., illus., \$19.95. Covers the areas of quantitative mapping, photographic aspects, environmental devices, optical diffractometry, and the analytical electron microscope, EMMA-4.

REGIONAL ENVIRONMENTAL MANAGEMENT: Selected Proceedings of the National Conference—L. Edwin Coate and Patricia A. Bonner, Eds.—Wiley, 1975, 360 p., diagrams, tables, \$19.95. Critically selected papers cover topics ranging from discussion of the validity of the regional concept, to the roles of special interest groups and industry.

REPORTS ON PROGRESS IN PHYSICS, Vol. 37, Part 3, 1974—J. M. Ziman, Ed.—Inst of Physics (ISBS), 1975, 394 p., diagrams, \$27.50. Topics covered include polaritons, stabilization of wavelengths from gas lasers, the nuclear physics of fast reactors, duality, and electronic impurity levels in semiconductors.

SHARING THE CHILDREN: Village Child Rearing Within the City—Nora Harlow—Har-Row, 1975, 154 p., photographs, \$7.95. Relates the ups and downs of a cooperative attempt by mothers who, in need of daycare for their children, created a neighborhood center in an inner-city storefront.

TV TROUBLESHOOTER'S HANDBOOK—Editors of Electronic Technician/Dealer—TAB Bks, 1975, 3rd ed., 447 p., illus., \$8.95; paper, \$4.95. Greatly enlarged edition now provides coverage of consoles, practical help for specific TV troubles and cures, for both color and monochrome sets, including 1974 models.

TECHNOLOGY AND THE FRONTIERS OF KNOWLEDGE—Saul Bellow, Daniel Bell and others; foreword by Daniel J. Boorstin—Doubleday, 1975, 133 p., \$6. First series of the Frank Nelson Doubleday Lectures at the Smithsonian Institution.

THE TWILIGHT SEAS: A Blue Whale's Journey—Sally Carrighar—McKay, 1975, 197 p., drawings, \$9.95. The dramatic story of a Blue Whale from its birth through its life and adventures and finally to its death.

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