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ANNUAL REVIEW OF MEDICINE: Selected Topics in the Clinical Sciences, Vol. 27—William P. Creger, C.H. Coggins and E. W. Hancock, Eds.—Annual Reviews, 1976, 540 p., illus., \$17. Review articles cover advances in cardiology, clinical pharmacology, dermatology, endocrinology and metabolism, the gastrointestinal tract, hematology, infection, neoplasia, psychiatry and reproduction.

THE COOLING—Lowell Ponte—P-H, 1976, 306 p., diagrams, tables, \$8.95. Pulls together for the layman data, research findings, and experiments with weather modification; discusses climatological changes, in particular the recent cooling trend in global climate and its possible effect on crops and international relations.

DATA COMMUNICATIONS DICTIONARY—Charles J. Sippl—Van Nos Reinhold, 1976, 517 p., \$19.95. Defines some 14,500 terms, concepts, and acronyms used in both data transmission and electronic data processing, cross-indexed for easy use.

DEFECT ANALYSIS IN ELECTRON MICROSCOPY—M. H. Loretto and R. E. Smallman—Halsted Pr., 1976, 144 p., photographs, diagrams, \$16.50. Addressed to students and research workers, provides concise account of the use of transmission electron microscopy in the study of crystal defects.

DICTIONARY OF BIOCHEMISTRY—J. Stenesh—Wiley-Interscience, 1975, 344 p., \$22. Reference work contains approximately 12,000 entries covering biochemistry and allied sciences.

A DICTIONARY OF CHROMATOGRAPHY—Ronald C. Denney—Wiley, 1976, 200 p., diagrams, \$14.50. Source of reference for students, lab technicians and general scientist, entries range from *absolute detector sensitivity to zone electrophoresis*.

DICTIONARY OF DATA PROCESSING—Jeff Maynard—Crane-Russak, 1976, 276 p., \$12.50. Defines more than 4,000 terms, from *abend to zone punch*; appendices include list of common acronyms and abbreviations, and explanation of basic flowchart symbols.

EARLIEST MAN AND ENVIRONMENTS IN THE LAKE RUDOLF BASIN: Stratigraphy, Paleocology and Evolution—Yves Coppens, et al., Eds.—U of Chicago Pr, 1976, 636 p., 23 plates, diagrams, maps, tables, \$17.50; paper, \$8.50. Proceedings of a 1973 workshop symposium on fossils and paleoanthropological evidence along the Rift valley of Kenya and Ethiopia.

ELECTRONIC CONVERSIONS, SYMBOLS AND FORMULAS—Rufus P. Turner—TAB Bks, 1976, 224 p., diagrams, \$8.95; paper, \$4.95. Collection of material organized for easy access.

THE EXPERIENCE OF SCIENCE: A New Perspective for Laboratory Teaching—O. Roger Anderson—Tchrs Coll, 1976, 142 p., diagrams, \$5.95. Suggests three-dimensional

model for science teaching, discusses methods used to apply this model, and describes series of practical laboratory applications.

GLOSSARY OF ASTRONOMY AND ASTROPHYSICS—Jeanne Hopkins, foreword by S. Chandrasekhar—U of Chicago Pr, 1976, 176 p., \$10.95. Compilation of the most commonly used astronomical and astrophysical terms and theoretical concepts with the most apt and authoritative explanations the author assembled during eight years as copy editor of the *Astrophysical Journal*.

HEAVY NUCLEI, SUPERHEAVY NUCLEI AND NEUTRON STARS—J. M. Irvine—Oxford U Pr, 1975, 170 p., diagrams, tables, \$22.50. Brief, unified introductory treatment of nuclear matter as it exists, or might exist, in nature; deals with nuclear models, nuclear correlations, collective rotations, nuclear stability, fission and alpha decay, and neutron stars.

IN SEARCH OF PENICILLIN—David Wilson—Knopf, 1976, 315 p., \$10. An outstanding recreation of one of the most crucial discoveries in modern medicine, the characters, their settings, the extraordinary sequences of events; reads like a detective story of scientific pursuit.

INSECTS THAT FEED ON TREES AND SHRUBS: An Illustrated Practical Guide—Warren T. Johnson and Howard H. Lyon—Comstock (Cornell U Pr), 1976, 10x12, 464 p., 212 color plates, drawings, \$35. All essential information for identifying more than 650 insect pests and the injuries they cause, illustrated in detail at various stages of life cycle.

JAMES CLERK MAXWELL: Physicist and Natural Philosopher—C. W. F. Everitt—Scribner, 1976, 205 p., photographs, drawings, \$7.95; paper, \$2.95. Annotated biography, full bibliography and index.

JOHN MUIR'S AMERICA—T. H. Watkins—Crown, 1976, 9x11, 160 p., 48 color photographs by Dewitt Jones, 20 Muir drawings, \$18.95; after 12/31/76: \$20. A celebration of Muir's life and vision, portrays his pilgrimages and journals that transformed the concept of wilderness into one of national resource to be conserved for generations to come.

LEGION OF NIGHT: The Underwing Moths—Theodore D. Sargent—U of Mass Pr, 1976, 238 p., color plates, photographs, by Harold J. Vermes, drawings by K. A. D. Sargent, \$15. Full-length study of the genus *Catocala*, designed for both amateur naturalists and professional biologists.

THE LIFE GIVERS—David Hendin—Morrow, 1976, 260 p., \$8.95. About six contemporary physicians whose discoveries made a dramatic impact on research connected with polio, rehabilitation, open-heart surgery, neurosurgery, psychopharmacology and birth control.

LIVING WITH CHRONIC NEUROLOGIC DISEASE: A Handbook for Patient and Family—I. S. Cooper, M.D., preface by Sir Peter Medawar—Norton, 1976, 318 p., \$8.95. Neurosurgeon discusses with sympathy and authority the problems patients and relatives of patients are facing, explains diagnostic tests and examinations, particular symptoms, specific questions about chronic pain, therapeutic possibilities, and how to evaluate risks and benefits.

McGRAW-HILL YEARBOOK OF SCIENCE AND TECHNOLOGY 1975—Daniel N.

Lapedes, Ed.-in-Chief—McGraw, 1976, 437 p., plates, photographs, diagrams, \$29.50. Detailed articles focus on outstanding scientific and technological achievements of 1975; other sections feature highlights of scientific photography, and alphabetically arranged articles on the advances and discoveries during the past year.

THE NATURAL HISTORY OF THE HORSE—John Clabby—Taplinger, 1976, 128 p., 34 plates, drawings, map, \$9.95. Well-illustrated study traces the evolution of the horse and its relatives from Paleocene epoch to present, describes wild horses, the origins of the domestic horse, and the many different breeds developed for special purposes.

THE NATURE OF HUMAN AGGRESSION—Ashley Montagu—Oxford U Pr, 1976, 390 p., illus., \$9.95. Citing from anthropological studies and brain research, the author proceeds to refute the doctrine of man's innate aggression. Cooperative drives rather than violence seem to have predominated during the five million years of evolution, and human beings, within their genetic limitations, tend to become whatever they learn to be.

NORTH AMERICAN OIL AND GAS FIELDS—Jules Braunstein, Ed.—AAPG, 1976, 360 p., photographs, drawings, tables, \$22. Contains case histories of 17 important oil fields (reserves, production, reservoir data, trap mechanisms, exploration dates), from Alaska to Florida.

PENGUINS: Past and Present, Here and There—George Gaylord Simpson—Yale U Pr, 1976, 162 p., color plates, b&w photographs, drawings, maps, \$10. Based on years of study of recent and fossil penguins, this readable book by eminent biologist traces penguins through 40 million years, describes each living species with its peculiarities of appearance, habits, and habitat. Superbly illustrated.

PROGRESS IN PSYCHOBIOLOGY: Readings from SCIENTIFIC AMERICAN—introd. by Richard F. Thompson—W H Freeman, 1976, 400 p., photographs, diagrams in color, \$14; paper, \$7. Focuses on new developments in the study of brain and behavior.

THE SECRETS OF SUPERSTITIONS: How They Help, How They Hurt—Owen S. Rachleff—Doubleday, 1976, 236 p., \$7.95. Explores the psychology of superstition, the origins of the various types, the nature of the gap between superstition and psychoneurosis, and the phenomenon of fascination with the supernatural in our society.

SENSORY INHIBITION—Georg von Békésy—Princeton U Pr, 1975, 276 p., drawings, paper, \$3.95. Reprint of Nobelist's 1967 classic on sense organ physiology.

THE SEX LIFE OF THE FOOT AND SHOE—William A. Rossi—Dutton, 1976, 270 p., photographs, drawings, \$12.95. A study of the sex customs, fetichisms, foot deformations, shoe and boot styles through the ages.

THE SOCIAL ANIMAL—Elliot Aronson—W H Freeman, 1976, 2nd ed., 350 p., illus. by Saul Steinberg, \$12.50; paper, \$4.95. Solid introduction to social psychology, both popular and scholarly, updated by research results and references to current events.

THE STORY OF PINES—Nicholas T. Mirov and Jean Hasbrouck—Ind U Pr, 1976, 160 p., photographs, map, \$6.95. Conceived to acquaint the nonscientific reader with pines as they have been studied by foresters, botanists, chemists, physiologists, and, lately, by geneticists.