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ADVENTURES IN EXPERIMENTAL PHYSICS: Delta (4)—Bogdan Maglich, Ed.—World Sci Educ, 1974, 176 p., illus., paper, \$8.50 (personal), \$16.50 (inst'l). Contains first-person accounts, original papers and explanatory notes of Turkevich's first chemical analysis of the lunar surface, Deutsch's discovery of the positronium, and Giaver's electron tunneling into superconductors.

BICYCLING SCIENCE: Ergonomics and Mechanics—Frank Rowland Whitt and David Gordon Wilson—MIT Pr, 1975, 260 p., photographs, diagrams, tables, \$12.95. Comprehensive, technical study of all engineering aspects of the bicycle—human power generation, man-powered machinery, wind resistance, the wheel and its rolling resistance, friction, braking, and the materials of construction.

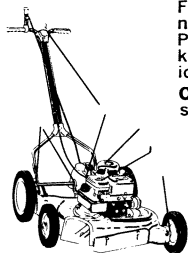
CRC HANDBOOK OF LABORATORY ANIMAL SCIENCE, Vols. I & II—Edward C. Melby, Jr. and Norman H. Altman, Eds.—Chem Rubber, 1974, 451 p., 523 p., tables, \$39 each. Volume I deals with legislation, housing requirements, gnotobiotics, biohazard control, epidemiology, radiobiology, and surgery; volume 2, with viral neoplasia, animal histology, zoonoses, diseases, clinical pathology, and clinical microbiology.

DICTIONARY OF SCIENTIFIC BIOGRAPHY, Vol. X: S. G. Navashin to W. Piso—Charles Coulston Gillispie, Ed.-in-Chief—Scribner, 1974, 622 p., diagrams, \$40. Contains the biographies of Newton, Ohm, Osborne, Pappus of Alexandria, Pascal, Pasteur, Peirson and Pettenkofer.

FREUD AND HIS FOLLOWERS—Paul Roazen—Knopf, 1975, 647 p., photographs, \$15. A study of Freud and his complex relations with the men and women who, as disciples or renegades, built the foundations of modern psychoanalytic theory.

HOW TO READ THE NIGHT SKY: A New and Easy Way to Know the Stars, Planets and Constellations—W. S. Kals—Doubleday, 1974, 160 p., 59 illus., \$4.95. Former planetarium director, with the aid of simple charts and diagrams, makes it easy for the occasional sky-watcher to locate and identify what is visible to the naked eye.

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HUMANSCALE 1/2/3—Niels Diffrient, Alvin R. Tilley and Joan C. Bardagly—MIT Pr, 1975, 36 p., 3 double-sided, color-coded selectors designed by Dreyfuss Associates, \$25. Selectors and supplemental manual give full information on body and link measurements, seat types, seat/table sizes, maniquins, wheelchairs, and requirements for handicapped and elderly.

KITING: The Basic Handbook of Tow Launched Hang Gliding—Dan Poynter—Parachuting Pubns, 1974, 98 p., photographs, drawings, \$9.95; paper, \$5.95. Experienced parachutist presents a safe, progressive training program for the tow launched aspects of hang gliding, the only method of gliding open to those in flat lands.

THE MALNOURISHED MIND—Elie A. Shneour, foreword by Lee Salk—Anchor/Doubleday, 1975, 230 p., paper, \$2.95. Presents new evidence concerning the development of the brain and the effects of early malnutrition on mental as well as physical growth of children.

THE MEDICALLY BASED NO-NONSENSE BEAUTY BOOK—Deborah Chase—Knopf, 1975, 312 p., illus., \$10. Highly informative manual on the care of skin and hair; evaluates cosmetics, herbs, and techniques, tells how they work and what doesn't. Author, trained in biomedicine, was one of the top seven Science Talent Search winners of 1963.

PHYSICAL THOUGHT: From the Presocratics to the Quantum Physicists—Shmuel Sambursky, Ed.—Pica Pr (Universe), 1975, 600 p., illus., \$20. Anthology of original texts dealing with certain aspects of physics, astronomy, cosmology and philosophy, selected to illustrate the evolution of physical thought.

RIBOSOMES—M. Nomura, A. Tissieres and P. Lengyel, Eds.—Cold Spring Harbor Lab, 1974, 930 p., illus., tables, \$32. A comprehensive review of the present status of ribosome research, includes in-depth articles as well as surveys of individual approaches to ribosomal analysis.

SEEDS OF WOODY PLANTS IN THE UNITED STATES: Agriculture Handbook No. 450—C. S. Schopmeyer, Ed.—Forest Service USDA (GPO), 1974, 883 p., photographs, drawings, tables, \$13.60. New reference, covers seed production, processing and germination, and provides specific methods and data for more than 800 species in 188 genera of commercial and ornamental trees and shrubs.

SHASTA AND ROGUE: A Coyote Story—Robert L. Behme—S&S, 1974, 126 p., photographs, by author, \$6.95. Sympathetic account of how two wild coyotes are adopted and raised in captivity.

THE SHATTERED MIND: The Person After Brain Damage—Howard Gardner—Knopf, 1975, 504 p., illus., \$10. Highly readable study of the many forms of brain injury resulting in aphasia, reading difficulties, disorders of recognition, loss of memory, the controversial Gerstmann Syndrome, effects of brain injury on the artist's work, right and left hemisphere damage, and the extent of recoveries.

STARFALL—Betty Grissom and Henry Still—T Y Crowell, 1974, 276 p., photographs, \$7.95. The story of the astronaut who flew both Mercury and Gemini spacecraft and perished in the flash fire in the Apollo Command Module, told from the point of view of his widow.

THE THRESHER DISASTER: The Most Tragic Dive in Submarine History—John Bentley—Doubleday, 1975, 386 p., illus., \$8.95. Unravels the story of events that led to the disaster, and

tells of the dives and search missions that finally located the hull of the imploded nuclear submarine thousands of feet below the surface of the Atlantic. Based on six years of research.

THE UROHYAL OF FISHES—Takaya Kusaka—U of Tokyo Pr (Intl Schol Bk Serv), 1974, 334 p., illus. by author, \$50. Compares in detail the characteristics, in about 700 species of teleost fishes, of the bone centered between the lower jaw bones, the point of origin for the mouth-opening mechanism.

TEXTBOOKS

ANIMAL BEHAVIOR: An Evolutionary Approach—John Alcock—Sinaver Assoc, 1975, 558 p., photographs, diagrams, \$14. Introductory text integrates and interprets many diverse topics in animal behavior by approaching genetics, physiology, ecology, and history of behavior from an evolutionary perspective.

THE EARTH'S DYNAMIC SYSTEMS: A Textbook in Physical Geology—Burgess, 1975, 578 p., 21 color plates, b&w photographs, drawings, maps, folded physiographic map of the earth, \$14.95. Utilizes the unifying theory of plate tectonics, presenting the planet earth as a system of matter constantly changing toward a state of equilibrium.

ELECTROMECHANICAL POWER CONVERSION: Low-Frequency, Low-Velocity Conversion Processes—Enrico Levi and Marvin Panzer—Dover, 1974, 2nd ed., incl. solutions manual, 660 p., diagrams, paper, \$8. Text relates closely to technical areas of major interest in modern electrical engineering research.

A GEOGRAPHY OF WORLD ECONOMY—Hans Boesch—Halsted Pr, 1974, 2nd ed., 317 p., illus., maps, \$12.95. Text treats mankind's occupations—agriculture, forestry, fisheries, processing of raw materials, and such tertiary occupations as transportation, urbanization, trade relations—from a strictly geographical point of view.

A GEOLOGY FOR ENGINEERS—F. G. H. Blyth and M. H. de Freitas—Arnold (Crane-Russak), 1975, 6th ed., 567 p., photographs, drawings, tables, paper, \$10.75. Completely revised text presents geology in a way that is appropriate to current engineering practice.

MEMBRANES AND THEIR CELLULAR FUNCTIONS—J. B. Finean, R. Coleman and R. H. Michell—Wiley, 1975, 130 p., illus. by T. A. Bramley, \$8.95. Concise introductory text, presents a broad view of the significance of membranes in cellular activities.

NURSING HOME ADMINISTRATION—Stephen M. Schneeweiss and Stanley W. Davis, Eds.—Univ Park, 1974, 288 p., \$14.50. Text written for the professional administrator, emphasizes the team management approach to patient care and operation of the skilled nursing facility, the effective management of people, programs and resources.

PHYSICS FOR THE LIFE SCIENCES—Alan H. Cromer—McGraw, 1974, 510 p., photographs, diagrams, \$11.95. Covers standard introductory physics topics—mechanics, thermodynamics, waves, electricity and magnetism, optics, and offers examples of simple physical principles. Tables and diagrams complement written material.

THE PHYSICS OF STELLAR INTERIORS: An Introduction—V. C. Reddish—Edinburgh U Pr (Crane-Russak), 1975, 107 p., diagrams, \$8.75. Text for advanced undergraduate students, or introduction to the subject for graduate students and teachers.