

# BOOKS

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**ADVENTURES IN THE REDWOODS**—Harriett E. Weaver—Chronicle Bks, 1975, 160 p., photographs, maps, paper, \$2.95. California's first woman park ranger describes the nature of the giant trees in general, then discusses the individual redwood parks, region-by-region.

**THE ANXIOUS ECONOMY**—Ezra Solomon—W. H. Freeman (Scribner), 119 p., cartoons, \$6.95. A readable account of inflation, recession, devaluation, resources shortages, wage and price controls, unemployment, and other economic problems.

**THE BIG WOODS: Logging and Lumbering, from Bull Teams to Helicopters, in the Pacific Northwest**—Ellis Lucia—Doubleday, 1975, 238 p., 80 photographs, \$12.95. A highly readable history of the changes in harvesting timber, in sawmills and processing plants, tree-farming and scientific forestry that have left their imprint on the vast forested areas of the Northwest.

**THE BIOLOGY OF PENGUINS**—Bernard Stonehouse, Ed.—Univ Park Pr, 1975, 564 p., photographs, drawings, tables, \$29.50. Comprehensive volume, presents both review articles and new findings, ranges geographically from Galapagos islands to Antarctica, includes studies of the lesser known Erect-crested, Magellanic and Little penguins.

**CHEMICAL COPING: A Report on Legal Drug Use in the United States**—Carl D. Chambers, James A. Inciardi and Harvey A. Siegal—Spectrum (Halsted Pr), 1975, 157 p., \$10.95. Based on extensive surveying and some 30,000 personal interviews, the authors focus on the regular use of such legal psychoactive drugs as barbiturates, tranquilizers, antidepressants, amphetamines and alcohol.

**CURRENT PROBLEMS IN NEUROCYBERNETICS**—A. B. Kogan et al, transl. from Russian by N. Kaner—IPST (Wiley), 1975, 150 p., diagrams, \$21. Contains papers on principles of neuronal organization, self-regulation at the level of organs and systems, information processing and storage in the nervous system, and heuristic programs of behavior.

**THE ECONOMIC VALUE OF PEACE AND QUIET**—D.N.M. Starkie and D. M. Johnson—Lexington Bks, 1975, 165 p., diagrams, tables, \$16. Addressed to acousticians, planners and economists, this exploratory study focuses on airplane noise, attempts to assess the monetary value of various environmental "intangibles", citing in detail the case study of the London airport noise insulation scheme.

**THE FEDERAL ROLE IN POSTSECONDARY EDUCATION: Unfinished Business, 1975-1980**—Carnegie Council on Policy Studies in Higher Education—Jossey-Bass, 1975, 106 p., diagrams, paper, \$4.95. Assessment and recommendations concerning student aid and related programs, federal support of vocational education, and federal support of research and graduate education.

**FOR PEOPLE WHO MAKE LOVE: A Doctor's Guide to Sexual Health**—John J. Secondi, M.D.; preface by Jesse E. Steinfeld,

M.D.—Taplinger, 1975, 190 p., \$7.95. Intended as a means of understanding effect and treatment of diseases caused by germs that have come to live in the sexual parts of the body and are therefore transmitted by sexual contact.

**FREEDOM TO DIE: Moral and Legal Aspects of Euthanasia**—O. Ruth Russell—Human Sciences Pr, 1975, 352 p., \$14.95. Psychologist discusses the many aspects of euthanasia and the necessary safeguards of good legislation.

**GLOSSARY OF MOLECULAR BIOLOGY**—A: Evans—Halsted Pr, 1975, 60 p., \$6.95. Comprehensive and concise, defines important terms from *Acceptor RNA* to *Zimm plot*.

**THE HEALING HAND: Man and Wound in the Ancient World**—Guido Majno—Harvard U Pr, 1975, 595 p., color plates, b&w photographs, drawings, \$25. A beautifully designed and highly readable work outlining the history of wounds and how men have dealt with inflammation and infection, from cuneiform texts in Mesopotamia, the hieroglyphic writings of Egypt, the Chou dynasty in China, the Vaidya of India, to Hippocratic medicine and the decline of surgery after Galen.

**HELPING YOUR DIABETIC CHILD**—John M. Court, M.D.—Taplinger, 1975, 124 p., illus., \$8.95. Written for parents and for older diabetic children themselves. Gives illustrated outline of the disorder, discusses diabetes and its treatment, includes portion diet and food exchange lists, recipes, summer camps, and glossary.

**HORIZONS IN BIOCHEMISTRY AND BIOPHYSICS, Vol. 1**—E. Quagliariello and F. Palmieri, Eds.—A-W, 1974, 357 p., diagrams, tables, \$13.50; paper, \$6.75. Covers such topics as superoxide and evolution, the molecular nature of enzymes, the study of abnormal enzymes, and ferredoxins and photosynthesis.

**HYDROGEN ENERGY, Parts A and B**—T. Nejat Veziroglu, Ed.—Plenum Pr, 1975, 1,369 p., illus., tables, two-part set, \$95. Leading specialists examine primary energy sources, hydrogen production from solar, nuclear and other sources, and hydrogen storage and transmission. Part B discusses industrial, commercial and residential utilization, environmental aspects, and alternative system.

**THE IMPACTS OF SNOW ENHANCEMENT: Technology Assessment of Winter Orographic Snowpack Augmentation in the Upper Colorado River Basin**—Leo W. Weisbecker, Ed.—U of Okla Pr, 1974, 624 p., maps, tables, paper, \$9.95. Assesses the possible effects of a large-scale operational program based on the application of a prototype technology of proven feasibility.

**IN COMMAND OF TOMORROW: Resource and Environmental Strategies for Americans**—Sterling Brubaker—Johns Hopkins Pr, 1975, 190 p., \$7.95. Study deals with the dilemmas of resource supply and social goals, issues in land use, settlement patterns, energy alternatives, mineral policy, pollution abatement, summarizing policy choices and their implementation.

**THE INTELLIGENT UNIVERSE: A Cybernetic Philosophy**—David Foster; preface by Colin Wilson—Putnam, 1975, 191 p., \$7.95. Cybernetist explores intelligence as the qualitative aspect of cybernetics and the complex mechanisms of the human mind in relation to creative intelligence and purposiveness.

**MAYA CITIES: Placemaking and Urbanization**—George F. Andrews—U of Okla Pr,

1975, 9x10, 486 p., 350 photographs and drawings by author, \$20. Architect discusses and illustrates the nature of classic Mayan settlements in Yucatan, Guatemala and Honduras, shows how small ceremonial centers developed into large cities, describes and analyzes 20 Mayan settlements in detail, both famous and lesser known ones.

**MICROBES AND MEN**—Robert Reid—Sat Rev Pr (Dutton), 1975, 170 p., illus., \$8.95. A readable account of the history of the germ theory and the personalities and work of such men as Semmelweis, Koch, Ehrlich, Flemming and Waksman.

**NATURAL HAZARDS EVALUATION OF EXISTING BUILDINGS**—Charles G. Culver et al—NBS (GPO), 1975, 958 p., photographs, diagrams, tables, maps, paper, \$11.10. Presents a methodology for survey and evaluation of structures to determine the risk to life safety and amount of expected damage resulting from such extreme natural hazards as earthquakes, hurricanes and tornadoes.

**NOTHING VENTURE, NOTHING WIN**—Sir Edmund Hillary—Coward, 1975, 319 p., 60 color and b&w photographs, maps, \$12.95. Frankly told autobiography of an uncommon adventurer, knighted for conquering Mt. Everest, first man to lead overland party to the South Pole, and humanitarian builder of schools, bridges and hospitals high in the Himalayas for the Sherpas of Nepal.

**OIL AND WORLD POWER: Background to the Oil Crisis**—Peter R. Odell—Taplinger, 1975, 245 p., maps, \$9.95. A survey of the international oil industry, the international relations of developing, importing, exporting oil supplies, looked at from a global, geographical perspective.

**ON SITE/ON ENERGY Vol. 5/6**—Alison Sky and Michelle Stone, Eds.—SITE (Scribner), 1975, 128 p., photographs, drawings, paper, \$6.95. Examines energy in the light of new conceptual ideas which may determine the shape and quality of our environment.

**PAVLOV: A Biography**—B. P. Babkin—U of Chicago Pr, 1975, 365 p., portrait, paper, \$4.25. Reprint (1949), biography of the life and scientific achievements of the Russian physiologist, written by his pupil and laboratory assistant.

**PABLUM, PARENTS AND PANDEMONIUM: Glimpses of a Pediatrician's World**—James H. Ryan, M.D.—T. Y. Crowell, 1975, 300 p., \$7.95. Informal and informative, written with a sense of humor.

**PERSPECTIVES ON ENERGY: Issues, Ideas and Environmental Dilemmas**—Lon C. Ruedisili and Morris W. Firebaugh, Eds.; foreword by Glenn T. Seaborg—Oxford U Pr, 1975, 540 p., photographs, diagrams, tables, \$10.95; paper, \$6.50. Attempts to present a balanced and representative analysis of the complexity of the present energy crisis, and discusses in detail the various energy technologies and their development.

**TRACHTENBERG SPEED MATHEMATICS SELF-TAUGHT**—Transl. and adapted by Ann Cutler and Rudolph McShane—Doubleday, 1975, 220 p., paper, \$4.95. A simplified workbook version of the method for high-speed multiplication, division, addition, subtraction and square root calculation.

**WOMEN IN MATHEMATICS**—Lynn M. Osen—MIT Pr, 1975, 197 p., illus., paper, \$4.95. Eight biographies of creative women mathematicians, from Hypathia in 300 B.C. to Emmy Noether in 1900.