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ALGAL CULTURES AND PHYTOPLANKTON ECOLOGY—G.E. Fogg—U of Wis Pr, 1975, 2nd ed., 190 p., diagrams, tables, \$12.50. Summary of recent research on algal cultures and physiology as they relate to phytoplankton ecology, both in laboratory culture and in the natural habitat.

ANNUAL REVIEW OF GENETICS, Vol. 9—Herschel L. Roman, Allan Campbell, and Laurence M. Sandler, Ed.—Annual Reviews, 1975, 497 p., \$15. Among subjects covered are control of chromosome inactivation, genetic screening, mutation and enzyme function in humans, and genetic aspects of intelligence.

BONE AND BIOMINERALIZATION—K. Simkiss—Arnold (Crane-Russak), 1975, 64 p., illus., paper, \$3. Presents analysis of the experiments and interpretations used by scientists investigating the unsolved problem of biomineralization.

CACTI and Their Cultivation—Margaret J. Martin, P.R. Chapman and H.A. Auger—Scribner, 1975, 205 p., 48 plates, maps, paper, \$4.95. Reprint (1971), tells hobbyist all about cultivating the cacti found in the Americas.

THE COMPLETE BOOK OF GREENHOUSE GARDENING—Ian G. Walls; preface by Jerome A. Eaton—Quadrangle, 1975, 457 p., color and b&w photographs, drawings, tables, \$14.95. Specialist's practical guide, covers the field from site selection and greenhouse construction, lighting and heating, plant nutrition and propagation, to the cultivation of specific plants under glass or polythene cover.

GUIDE TO SHELLS—A. P.H. Oliver—Quadrangle, 1975, 320 p., 1,000 illus. in color by James Nicholls, maps, \$9.95. Incorporates representative shells of the world's major classes and orders. Provides general information about molluscs, and specific descriptions for the identification of some 1,200 species.

THE MECHANICS OF FROZEN GROUND—N.A. Tsytoich, transl. from Russian; George K. Swinzow, Ed.—McGraw, 1975, 443 p., photographs, diagrams, tables, \$34.50. Comprehensive volume by Russia's foremost authority on frozen soils.

MENTAL AND ELEMENTAL NUTRIENTS: A Physician's Guide to Nutrition and Health Care—Carl C. Pfeiffer, M.D. and the Publications Committee of the Brain Bio Center—Keats, 1976, 538 p., tables, \$9.95. Concerned with preventive medicine and the correction of faulty biochemistry, the book discusses the role and function of all known nutrients as well as the clinical problems arising from their lack, or misuse.

THE NEUROSCIENCES: Paths of Discovery—Frederic G. Worden, Judith P. Swazey and George Adelman, Eds.—MIT Pr, 1975, 643 p., photographs, diagrams, paper, \$14.95. Comprehensive overview of interdisciplinary brain research, illustrates the multitude of approaches to discovery in neuroscience, from

the study of nerve cells and brain circuits to study of the brain as neural object and conscious subject.

NOISE, NOISE, NOISE!—Jerry Grey—Westminster, 1976, 104 p., illus., \$6.50; paper, \$4.50. A Franklin Institute book addressed to the younger reader, discusses principles of sound and hearing, noise in everyday life, the consequences of noise pollution and what can be done about it.

THE OBSERVATION AND ANALYSIS OF STELLAR PHOTOSPHERES—David F. Gray—Wiley, 1976, 486 p., photographs, diagrams, \$24.95. Sourcebook on the observational aspects of stellar atmospheres (the outer layer of stars), discussion ranges from Fourier transforms to the turbulence of stellar atmospheres.

OPENING DOOR: What Happens in Gestalt Therapy—Daniel Rosenblatt—Har-Row, 1976, 158 p., \$7.95. Presents one therapist's style of practising Gestalt therapy, tells what goes on in the therapist's mind during individual sessions.

THE PACIFIC CREST TRAIL: Escape to the Wilderness—Ann and Myron Sutton—Lippincott, 1975, 239 p., 62 photographs by the authors, 5 maps, \$8.95. Introduces the reader to the scenery, flora, fauna and connecting routes of the Pacific Crest Trail system, leading some 2,400 miles through California, Oregon and Washington.

PATTERNS OF HUMAN VARIATION: The Demography, Genetics and Phenetics of Bougainville Islanders—Jonathan Scott Friedlaender—Harvard U Pr, 1976, 280 p., 62 photographs, maps, graphs, tables, \$20. Study analyzes genetic and cultural variation in the extraordinarily heterogeneous population, both linguistically and physically, that inhabits the largest island in the Solomon's chain.

PHILOSOPHERS AND MACHINES—Otto Mayr, Ed.—Science Hist Pubns (Neale Watson), 1975, 200 p., illus., \$8.95; paper, \$4.75. Articles discuss technological developments from the point of view of science, starting with the earliest stages in the evolution of stills, and ending with Hertz's electromagnetic waves.

THE POCKET CALCULATOR GAME BOOK—Edwin Schlossberg and John Brockman—Morrow, 1975, 160 p., diagrams, \$6.95. Fifty games created specifically for the simplest pocket calculator; some are for one player, some for more; some are easy, some challenging; some are competitive, some cooperative.

PREMEDITATED MAN: Bioethics and the Control of Future Human Life—Richard M. Restak—Viking, 1975, 220 p., \$8.95. Neurologist discusses the behavior-control technology of psychosurgery, and probes the implications of the issues of biotechnology in a free society.

THE RELATION BETWEEN PHYSICAL AND MENTAL ILLNESS: The Physical Status of Psychiatric Patients at a Multiphasic Screening Survey—Michael Robin Eastwood—U of Toronto Pr, 1975, 133 p., tables, \$10. Deals with the mind/body concept, the methodological difficulties inherent in experimental observations, and discusses results of the study and their implications.

RODENTS: Their Lives and Habits—Peter W. Hanney—Taplinger, 1975, 224 p., pho-

tographs, illus. by Jenny Agnew, \$10.50. Provides thorough background reading on the animal world's highly successful order Rodentia which includes among its more than 1,600 species animals as different as flying squirrel, beaver, lemming, porcupine and doormouse.

SLEEP, THE GENTLE TYRANT—Wilse B. Webb—P-H, 1975, 192 p., illus., \$7.95; paper, \$3.95. Concentrates on the psychology of sleep, tells in nontechnical terms about the variations in sleep behavior, factors that influence sleep, and what difference it may make in our waking behavior.

STRUCTURAL ANTHROPOLOGY, Vol. II—Claude Lévi-Strauss, transl. from French by Monique Layton—Basic Bks, 1976, 400 p., \$17.50. Lasting contributions to modern anthropological research in areas of social organization, mythology and ritual, humanism and the humanities.

SYMPOSIUM ON CONSCIOUSNESS: AAAS Meeting 1974—Philip R. Lee, Robert E. Ornstein et al—Viking Pr, 1976, 110 p., illus., \$10. Scientists explore elements of the new science of consciousness: research on the two sides of the brain, implications of our biological duality, research on meditation, and a new proposal for research involving the concept of "discrete states" of consciousness.

STARFISH, JELLYFISH, AND THE ORDER OF LIFE: Issues in Nineteenth-Century Science—Mary P. Winsor—Yale U Pr, 1976, 228 p., illus., \$17.50. This study in the history of science probes some of the intricate developments of 19th-century invertebrate taxonomy, shows how study of the taxonomy of radiates was closely linked to the broadest science issues of the day.

STATES OF MIND: ESP and Altered States of Consciousness—Adrian Parker; introd. by John Beloff—Taplinger, 1975, 198 p., \$9.95. Brings together studies and experimental findings on the relationships between parapsychology and introspective psychology, hypnosis and ESP, dream states, psychedelic states, and alpha states.

STRANGE LIFE: A Sourcebook on the Mysteries of Organic Nature (B-1)—William R. Corliss, Compiler—Sourcebook Project, 1976, 295 p., illus., ring-binder, \$7.95. Collection of articles about observations in nature of unusual behavior, culled mainly from such scientific journals as *Nature*, *American Naturalist*, and *American Journal of Science*.

THE UNCONSCIOUS GOD: Psychotherapy and Theology—Viktor E. Frankl—S&S, 1975, 162 p., \$6.95. Greatly expanded English edition of 1948 work by Austrian psychiatrist, founder of logotherapy or existential analysis, cites new research in logotherapy, and includes up-to-date English bibliography.

THE UNIVERSE: Its Beginning and End—Lloyd Motz—Scribner, 1976, 358 p., photographs, diagrams, \$14.95. Astronomer, writing for the layman, explains the cosmic chemistry of the universe, from the formation of galaxies and stars, the formation of planets and the origin of life on earth, to the hierarchy of possible endings.

WITHOUT WHEELS: Alternatives to the Private Car—Terence Bendixson—Ind U Pr, 1975, 256 p., illus., \$7.95. Based on a worldwide survey of the subject, author discusses the problems of urban traffic, examines a number of new technologies, their applications and limitations, and looks at new ways of using existing vehicles.