

New Books

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ADSORPTION AND ADSORBENTS, No. 1—D. N. Strazhesko, Ed., transl. from Russian by A. Barouch; D. Slutzkin, Ed.—IPST (Wiley), 1974, 240 p., diagrams, tables, \$24.50. Presents articles on the mechanism of adsorption, the synthesis and study of ion-exchange and adsorption properties, of sorbents of different chemical nature and texture, and the study of chemisorption and mass transfer.

ANNUAL REVIEW OF THE SCHIZOPHRENIC SYNDROME, 1973—Robert Cancro, M.D., Ed.—Brunner/Mazel, 1974, 586 p., diagrams, tables, \$17.50. Articles range from classification and theoretical considerations, biochemical studies, genetic studies, to family studies, prognosis, and therapy.

THE BEGINNER'S BOOK OF POTTERY: Coil and Slab, Throwing, Casting, Decoration and Firing—Harold Powell—Emerson, 1974, 128 p., 115 photographs, 75 drawings, \$6.95. Step-by-step directions, copiously illustrated.

BEYOND THE BEST INTERESTS OF THE CHILD—Joseph Goldstein, Anna Freud and Albert J. Solnit—Free Pr, 1973, 184 p., \$7.95. Combining sound legal knowledge and psychoanalytic insights into child development, the authors propose guidelines for new standards for child placement.

THE BUS STOPS HERE: A Study of School Desegregation in Three Cities—Anna Holden—Agathon (Schocken), 512 p., maps, tables, bibliography, index, \$15. Focuses on the problems of school desegregation in Charlottesville, Va., Providence, R.I., and Sacramento, Calif.

COMPARATIVE PSYCHOLOGY AT ISSUE—Ethel Tobach, Helmut E. Adler and Leonore Loeb Adler, Eds.—NY Acad of Sci, Annals Vol. 223, 1973, 197 p., illus., paper, \$18. A group of internationally known animal behaviorists evaluates the present status of comparative psychology and ethology, their points of similarity and dissimilarity in theory and practice.

CONFESSIONS OF A BIRD WATCHER—Roger Barton—McGraw, 1974, 248 p., \$7.95. On the experiences and rewards of making bird watching a lifetime hobby.

DEPRESSION: Theory and Research—Joseph Becker—Winston (Wiley), 1974, 252 p., \$12.50. Reviews contemporary efforts to understand the nature and genesis of depressive disorders. Discusses the evolution of current thinking about depression, its empirical basis, evolving trends, areas in need of further study, and some methodological problems in pursuing such studies.

DEVELOPMENTS IN PVC TECHNOLOGY—J. H. L. Henson and A. Whelan, Eds.—Halsted Pr, 1974, 171 p., photographs, diagrams, tables, \$14.95. Symposium papers deal with such developments in polyvinyl chloride technology as preparation and properties of mass PVC, lubricants, impact modifiers, dry blend extrusion, extrusion of rigid foams, and injection molding.

ENVIRONMENTAL POLLUTION AND MENTAL HEALTH—John S. Williams and others, foreword by Rene Dubos—Info Resources, 1973, 136 p., \$9.50. Reviews research trends and findings, and contains abstracts of major studies demonstrating how pollutants, noise and inadequate housing disturb the subtle equilibrium called mental health.

ERGONOMICS OF THE HOME—Etienne Grandjean—Halsted Pr, 1974, 344 p., illus., tables, \$28.50. Presents interdisciplinary study analyzing the normal operations of the human body under domestic conditions, with the objective of working out a scientific basis by which buildings, rooms and fixtures can best be matched to human requirements.

FEVER! The Hunt for a New Killer Virus—John G. Fuller—Readers Digest Pr (Dutton), 1974, 297 p., map, \$8.95. The story traces the intense efforts made in tracking down the lethal virus of Lassa Fever, from the isolated mission hospital in Nigeria to the scientists and researchers in U.S. medical maximum security laboratories.

HUMANE REPRODUCTION—Committee on Preventive Psychiatry, GAP—Scribner, 1974, 140 p., \$6.95; paper, \$2.95. Basing their recommendations on the psychiatric evidence that prevention of unwanted pregnancies and unwanted parenthood is probably the single most effective tool for preventing emotional disorders, the Committee discusses family stresses, impediments to family planning, needed services and education.

THE NATURE OF THE STRATIGRAPHICAL RECORD—Derek V. Ager—Halsted Pr, 1974, 125 p., plates, drawings, \$9.50. Based on geologist's field observations in many parts of the world, the author challenges some of the assumptions of stratigraphers, presenting a lively discussion on the persistence of facies, the fragmentary fossil record, and the processes of sedimentation.

NEUROCHEMISTRY OF CEREBRAL ELECTROSHOCK—Walter B. Essman—Spectrum (Halsted Pr), 188 p., diagrams, \$12.50. Review and summary of original experimental findings of the changes in brain chemistry associated with cerebral electroshock, seizures or convulsions.

NEUROENDOCRINE CONTROL—Kinji Yagi and Sho Yoshida, Eds.—Wiley, 1974 405 p., plates, diagrams, tables, \$25. Findings of the most active researchers of neuroendocrinology and neurophysiology in Japan. Topics range from biorhythm in the central nervous system, neurosecretion, neural control of endocrine glands, to control mechanism of neuroendocrine system.

THE NEW SPACE ENCYCLOPEDIA: A Guide to Astronomy and Space Exploration—Sir Bernard Lovell and others—Dutton, 1974, rev. ed., 327 p., color plates, photographs, diagrams, tables, \$14.95. From ABERRATION OF LIGHT to SKYLAB, concise articles give accurate information on artificial satellites and rockets as well as on redhif and galaxies.

PHARMACOLOGY OF GASTROINTESTINAL MOTILITY AND SECRETION, Vols. 1 and 2—Pamela Holton, Ed.—Pergamon, 1974, 716 p., plates, diagrams, tables, \$54. Comprehensive, critical review articles cover the field, beginning with the pharmacology of salivary secretion, and ending with discussion of gastrointestinal symptoms of endocrine tumors.

THE SCIENTIFIC ACHIEVEMENT OF THE MIDDLE AGES—Richard C. Dales—U of Penna Pr, 1973, 192 p., diagrams, paper, \$3.45. Presents some of the key works of medieval

science, such as studies on the elements, tides, rainbow, local motion, and astronomy.

SUMMER GOLD: A Camper's Guide to Amateur Prospecting—John N. Dwyer—Scribner, 1974, 90 p., illus., map, \$5.95. Experienced amateur prospector tells how and where to look for gold, what federal and local laws apply, and how to enjoy camping while looking.

TEXTILES OF ANCIENT PERU AND THEIR TECHNIQUES—Raoul d'Harcourt, transl. from Spanish by Sadie Brown; Grace G. Denny and Carolyn M. Osborne, Eds.—U of Wash Pr, 1974, 186 p., 117 plates, drawings, paper, \$8.95. Reprint (1962) of classic work on the Pre-Columbian weaving techniques of Peru. Clearly shows the intricate ways yarns can be manipulated to produce cloth.

WILD ENEMIES—J. J. McCoy—Hawthorn, 1974, 223 p., photographs, \$6.95. About the role of predators in maintaining an ecological balance in the North American wildlife community, and the controversy among livestock farmers, conservationists, and federal and state agencies.

WONDERS OF THE WORLD OF THE ALBATROSS—Harvey I. and Mildred L. Fisher—Dodd, 1974, 80 p., photographs by H. I. Fisher, \$4.50. A juvenile version, based on the authors' scientific studies of the Laysan Albatross on Midway Atoll in the Pacific, tells about the life cycle and behavior of the large seabird.

TEXTBOOKS

THE BIOCHEMISTRY OF GREEN PLANTS—David W. Krogmann—P-H, 1973, 255 p., diagrams, tables, \$11.95; paper, \$6.95. Text provides discussions of selected topics, such as metabolism, autotrophic specialization and chloroplast, and cell wall development—all areas where there is active research and substantial progress being made.

THE DYNAMICS OF ATOMS IN CRYSTALS—W. Cochran—Crane-Russak, 1974, 145 p., diagrams, \$13.95; paper, \$6.95. Intermediate level text dealing with the topic of lattice dynamics as met with in courses on solid state physics.

THE ELECTROMAGNETIC INTERACTION—R. L. Armstrong and J. D. King—P-H, 1973, 493 p., photographs, diagrams, \$11.95. Text presents a development of basic electromagnetism, with applications to a wide variety of problems in physics, astronomy, geophysics, chemistry and biology.

ENVIRONMENT AND MAN—Richard H. Wagner—Norton, 1974, 2nd ed., 542 p., photographs, diagrams, \$7.95. A systematic and balanced presentation of man's relationship and interaction with his environment, for students and general reader without special scientific background.

PHYSICAL ANTHROPOLOGY—Philip L. Stein and Bruce M. Rowe—McGraw, 1974, 436 p., photographs, drawings, tables, glossary-index, \$9.95. Text presents the evolution of the biological nature of man, human variability, primate behavior, and the fossil record.

HANG GLIDING. Designing/Building/Flying handbook of foot launched skydiving. Complete, detailed info. on this new/old aviation sport. Source lists. 205 pgs., 350 illus. \$5.35 postpaid. Dan Poynter 1973.

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