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ANNUAL REVIEW OF MICROBIOLOGY, Vol. 29—Mortimer P. Starr, John L. Ingraham and Sidney Raffel, Eds.—Annual Reviews, 1975, 620 p., illus., \$15. Review articles cover topics ranging from oral bacterial adherence, cell shape in bacteria, interferon, autoregulation of gene expression, to *Agrobacterium* and plant tumorigenesis, *Pseudomonas*, and DNA replication.

ASIMOV ON CHEMISTRY—Isaac Asimov—Anchor-Doubleday, 1975, 318 p., illus., paper, \$3.50. Reprint (1974) of instructive essays in the major areas of chemistry.

CHROMATOGRAPHY: A Laboratory Handbook of Chromatographic and Electrophoretic Methods—Erich Heftmann, Ed.—Van Nos Reinhold, 1975, 3rd ed., 1000 p., photographs, diagrams, tables, \$47.50. Comprehensive reference source, includes thorough coverage of all significant new developments.

CONTROL OF HOSPITAL INFECTION: A Practical Handbook—E.J.L. Lowbury et al—Halsted Pr, 1975, 318 p., tables, \$24.75. Addressed to hospital staff, handbook deals with administration; sterilization and disinfection; prevention of spread of infection; chemotherapy and immunization; care of hospital staff, and special wards.

THE HEAVY TRANSITION ELEMENTS—S.A. Cotton and F.A. Hart—Halsted Pr, 1975, 284 p., diagrams, \$23.50. Presents a detailed and up-to-date account of all the transition elements except the first-row; features complete coverage of lanthanides and actinides.

HERBICIDES: Chemistry, Degradation and Mode of Action, Vol. 1—P.C. Kearney and D.D. Kaufman, Eds.—Dekker, 1975, 2nd ed., 512 p., illus., tables, \$35.50. Valuable resource, compilation of the research findings on important classes of herbicides, from phenoxyalkanoic acids to dinitroanilines.

HOW TO BUILD A SOLAR HEATER: A complete guide to building and buying solar panels, water heaters, pool heaters, barbecues, and power plants—Ritchie, 1975, 247 p., photographs, drawings, paper, \$4.95. Instructions for the do-it-yourself person.

HOW LIFE BEGAN: Creation versus Evolution—Roy A. Gallant—Four Winds Pr (Scholastic), 1975, 214 p., photographs, illus., \$7.95. Reviews various myths and scientific hypotheses concerning the origin of the physical universe and of life on the planet earth.

IMPERIAL EARTH—Arthur C. Clarke—HarbraceJ, 1976, 313 p., \$7.95. Scientist-novelist's latest fiction about visitor to earth from Saturn's Titan in the year 2276.

THE LIFE AND LORE OF THE BIRD: In Nature, Art, Myth, and Literature—Edward A. Armstrong—Crown, 1975, 272 p., 256 color and b&w photographs, \$15.95. Ornithologist's illuminated essays explore man's long and intimate relationship with birds.

MALNUTRITION AND BRAIN DEVELOPMENT—Myron Winick, M.D.—Oxford U Pr, 1976, 185 p., photographs, diagrams, \$9.95. Deals with clinical malnutrition in general, with normal brain growth, nutrition and cellular growth of the brain, malnutrition and prenatal growth, and finally, malnutrition and mental development.

MICROBIAL INTERACTION WITH THE PHYSICAL ENVIRONMENT—D.W. Thayer, Ed.—DH&R (Halsted Pr), 1975, 447 p., photographs, diagrams, tables, \$27. Benchmark papers on hydrogen-ion concentration, water activity and osmotic pressure, halophilic interactions, hydrostatic pressure, electrokinetic properties, and sound.

MINERALS AND GEMS: A Color Treasury for Collectors and Guide to Hunting Locations—Russell P. MacFall—T Y Crowell, 1975, 9x11, 254 p., 262 color photographs, drawings, maps, \$17.50. Handbook tells how to hunt for specimens in the field; how to polish, classify and preserve; describes tests for minerals, and comments on some 1,500 localities in North America where gem specimens may be found.

MITES OF MOTHS AND BUTTERFLIES—Asher E. Treat—Cornell U Pr, 1975, 362 p., color plate, drawings, tables, \$35. The result of 20 years of research presents complete survey of acarine parasites, phoretics, and scavengers found on moths and butterflies, as well as the occasional associates of these insects.

MORPHOGENESIS OF SKIN—Philippe Sengel—Cambridge U Pr, 1976, 285 p., photographs, diagrams, \$37. Monograph gives a concise account of present knowledge of the mechanisms involved in the development of the vertebrate integument—cell proliferation, cell differentiation, and cell and tissue interactions.

THE RADIO UNIVERSE—J.S. Hey—Pergamon, 1975, 2nd ed., 272 p., photographs, diagrams, \$15; paper, \$9.50. Up-to-date, readable introduction to all aspects of radio astronomy, written by one of the pioneers of radio astronomy.

THE SATELLITE SPIN-OFF: The Achievements of Space Flight—Günter Paul, transl. from German by Alan & Barbara Lacy—Luce, 1975, 272 p., photographs, diagrams, \$10. Good summary of the contributions made by the network of data-gathering satellites serving communications, education, resources, weather research, cartography, and agriculture.

PERINATAL ADDICTION—Raymond D. Harbison, Ed.—Spectrum (Halsted Pr), 1975, 400 p., diagrams, tables, \$25. Research topics include sex and age variables, the pregnant opiate addict, fetal alcohol syndrome, methadone-maintained pregnancies, neonatal narcotic withdrawal, mothering behavior, and the effects of heroin and methadone.

PHOTO-ATLAS OF THE UNITED STATES: First Complete Photographic Atlas of the U.S. Using Satellite Photography—Photo-Geographic International—Ritchie, 1975, 9x12, 128 p., 60 photo-maps, \$9.95; paper, \$5.95. Duotone photo mosaics of Landsat imagery of the 48 conterminous states plus Alaska, and full-color Skylab photos of Hawaii and 10 major cities.

PRACTICAL HEAT RECOVERY—John L. Boyen—Wiley-Interscience, 1975, 265 p., diagrams, tables, \$16.95. Directed to engineers, the book treats properties of exhaust gas;

gas-to-air, gas-to-water, gas-to-organic fluid heat recovery; recovery by steam generation; the concentric pipe heat exchanger, and insulation against heat loss.

PRELUDE TO SCIENCE: An Exploration of Magic and Divination—Richard Furnald Smith—Scribner, 1975, 137 p., drawings by Anne Corrough, \$7.59. Defines the boundaries of science, gives an overview of magic, a historical survey of divination, and discusses their most enduring forms: astrology, the Kabbalah, and Tarot.

THE PSYCHOLOGICAL ASPECTS OF PHYSICAL ILLNESS AND DISABILITY—Franklin C. Shontz—Macmillan, 1975, 310 p., paper, \$6.95. Touches on a variety of psychological problems associated with sickness and disability, such as the mind-body link, the body experience in health and sickness, adaptation to infirmity, reaction to treatment environments.

THE RED COLOBUS MONKEY—Thomas T. Struhsaker—U of Chicago Pr, 1975, 325 p., 37 plates, drawings, tables, \$25. Presents data based on field studies made in Western Uganda, covers social group interactions, population structure, food habits, ranging and activity patterns, and vocalization.

THE SAHARA—Jeremy Swift and the Editors of Time-Life Books—Time-Life Bks (Little), 1975, 184 p., photographs in color by Pierre Boulat, map, \$8.95. A stunning composite portrait of the world's largest desert, its geology, rock paintings, people, fauna and flora.

'SIMPLE' NERVOUS SYSTEMS: An International Symposium—P.N.R. Usherwood and D.R. Newth, Eds.—Crane-Russak, 1975, 506 p., photographs, drawings, \$35. Topics discussed range from functional development of the embryonic nervous system to the evolution and mechanisms of learning, memory and intelligence.

SLEEK & SAVAGE: North America's Weasel Family—Delphine Haley—Pacific Search, 1975, 128 p., color plates, photographs, drawings, maps, paper, \$5.50. Study of mink, marten, fisher, wolverine, badger, ferret, skunks and otters, their habits and habitat.

SPECIAL RELATIVITY—J.G. Taylor—Oxford U Pr, 1975, 116 p., diagrams, \$10.75. Describes the development of special relativity as a theory based on experience, deals with measuring of time and distance, the Lorentz transformation, relativistic kinematics and dynamics, and the structure of special relativity.

SUICIDE IN DIFFERENT CULTURES—Norman L. Farberow, Ed.—Univ Park, 1975, 302 p., \$19.50. Country-by-country discussions probe the cultural influence on form and frequency of suicides, the factors of climate and religion, the general attitude to suicidal behavior, and other variables.

TERMAN AND THE GIFTED—May V. Seago; introd. by Ernest R. Hilgard—Kaufmann, 1975, 272 p., photographs, \$10. Biography of the Stanford psychologist, one of the pioneers in the measuring and testing of intelligence.

21 SIMPLE TRANSISTOR RADIOS YOU CAN BUILD: From Crystal Sets to Superhets—R.H. Warring—TAB Bks, 1975, 142 p., diagrams, \$6.95; paper, \$3.95. Shows how to build 21 radio receivers using low-cost parts.

THE TRUTH ABOUT MEDICAL MALPRACTICE: The Patient's Rights. The Doctor's Rights—Ronald E. Gots, M.D.—Stein & Day, 1975, Qualified medical-legal consultant presents cases to illustrate the problems leading to litigations, and explores the proposed solutions to the present dilemma.