

BOOKS

BOOKS is an editorial service for readers information. To order any book listed or any U.S. book in print please remit retail price, plus 25¢ handling charge for each book to **BOOK ORDER SERVICE**, Science News, 1719 N Street, N.W., Washington, D.C. 20036. All books sent postpaid.

ANNUAL REVIEW OF ENTOMOLOGY, Vol. 21—Ray F. Smith, Thomas E. Mittler and Carroll N. Smith, Eds.—Annual Reviews, 1976, 460 p., illus., tables, \$15. Topics covered include the economics of improving pesticide use, insect seasonality, soybean entomology, problems associated with the use of arthropod viruses, and genetic problems in producing biological control agents.

ANNUAL REVIEW OF PSYCHOLOGY, Vol. 27—Mark R. Rosenzweig and Lyman W. Porter, Eds.—Annual Reviews, 1976, 635 p., \$15. Review articles on such topics as personality, color vision, models of learning, human abilities, and scientific psychology in France, plus two special current topics: psychology and the law, and program evaluation.

THE CONCEPT OF CULTURAL SYSTEMS: A Key to Understanding Tribes and Nations—Leslie A. White—Columbia U Pr, 1975, 205 p., \$10. Anthropologist explains his idea of the cultural system as composed of vectors—distinguishable parts—each behaving in terms of its intrinsic properties, and the interaction producing a synthesis expressing the behavior of the system as a whole.

AN EARTHWORM IS BORN—William White, Jr.—Sterling, 1976, 80 p., 66 photographs by author, \$4.50. The life cycle of the earthworm, its anatomy, its role in ecology, and some experiments with earthworms.

ECONOMIC PLANNING, EAST AND WEST—Morris Bornstein, Ed.—Ballinger (Lippincott), 1976, 334 p., tables, \$16. Provides analysis and evaluation of national economic planning practices in nine countries, and their lessons for the United States.

ENERGY, EARTH AND EVERYONE: A Global Energy Strategy for Spaceship Earth—Medard Gabel, foreword by R. Buckminster Fuller—Straight Arrow Bks (S&S), 1975, 160 p., photographs, diagrams, tables, paper, \$4.95. Documents graphically the efforts of a research workshop to identify steps to be taken between 1975 and 1985 to realize a global strategy for energy development.

GIANT REPTILES: Sherman A. Minton, Jr., and Madge Rutherford Minton—Scribner, 1976, 258 p., photographs, paper, \$4.95. Reprint (1973), describes in readable form the natural history of crocodilians, giant turtles, large lizards and snakes.

A GUIDE TO BIRD-WATCHING IN EUROPE—James Ferguson-Lees, Quentin Hockliffe and Ko Zweekers, Eds.—Scribner, 1976, 334 p., drawings, 22 maps, \$9.95. Not an identification guide, but a country-by-country discussion of the area's bird life by leading field ornithologists, includes tabulated check-list locating 432 European species.

HAILSTONES AND HAILSTONE GROWTH—Narayan R. Gokhale—State U NY Pr, 1976, color plate, photographs, diagrams, maps, tables, \$30. Comprehensive reference manual on modern researches on hailstones and hailstorms, covers climatology, fallout patterns of hail, characteristics of hail-

stones, internal structure, radar analysis, models of hailstone growth, forecasting and suppression.

HORMONE ACTION—A. M. Malkinson—Halsted Pr, 1976, 64 p., illus., tables, paper, \$3.75. Concerned with the initial events which occur following the interaction of a hormone with a cell; describes peptide hormones and catecholamines, steroid and thyroid hormones.

HOW TO LIVE TO BE 100: The Life-Style of the People of the Caucasus—Sula Benet—Dial, 1976, 216 p., photographs, tables, \$8.95. Anthropologist's narrative account based on five years of field work studying the background, way of life, food, and habits of the lively centenarians from Georgia, Abkhazia, Azerbaijan, Armenia and Daghestan. Includes recipes and bibliography.

HUMAN INTELLIGENCE—Jack Fincher—Putnam, 1976, 512 p., diagrams, \$12.95. Presents the researches, experiments and controversies in the broadening assessment of what constitutes human intelligence.

HUMAN RELIABILITY IN QUALITY CONTROL—C. G. Drury and J. G. Fox, Eds.—Halsted Pr, 1976, photographs, diagrams, tables, \$19.95. Systematically arranged collection of available data on human errors in quality control, presents models of engineering inspection, and deals with factors affecting inspection performance.

INTELLECTUAL TALENT: Research and Development—Daniel P. Keating, Ed.—Johns Hopkins U Pr, 1976, 364 p., graphs, tables, \$16.95; paper, \$3.95. Proceedings cover identification and measurement of intellectual talent, programs for facilitation of such talent, and the psychology and value profiles of gifted youth. Indexed.

LIFE IN FOREST AND JUNGLE—Richard Perry—Taplinger, 1976, 254 p., drawings by Nancy Lou Gahan, \$9.95. Describes the animals that inhabit taiga and muskeg, northern coniferous, temperate deciduous and tropical rain forests.

MAKING SCIENTIFIC TOYS—Carson I. A. Ritchie—Nelson, 1976, 170 p., illus., \$6.50. Describes how to make safe and inexpensive optical, acoustical, flying, balance, meteorological, chemical and electric toys.

MAYA: The Riddle and Rediscovery of a Lost Civilization—Charles Gallenkamp—McKay, 1976, rev. & expand. ed., 236 p., plates, drawings by Dolona Roberts, map, \$12.95. Completely re-set edition incorporates significant new information gleaned from scholarly research of Mayan ruins in Mexico, Guatemala and Honduras.

THE MEDIEVAL HEALTH HANDBOOK: Taculimum Sanitatis—Luisa Cogliati Arano—Braziller, 1976, 153 p., 48 color plates, 234 b&w plates, slipcased, \$20 till 6/30/76; \$25 thereafter. Advice culled from charmingly illuminated medieval manuscripts, explaining the effects of food, herbs, winds, water, seasons and emotions upon a person's health.

NOTES FOR THE FUTURE: An Alternative History of the Past Decade—Robin Clarke, Ed.—Universe, 1976, 238 p., \$10; paper, \$4.50. Essays by scientists, economists and poets, presents their visions of man's endangered future and their thoughts on how civilization can survive.

ONSHORE PLANNING FOR OFFSHORE OIL: Lessons from Scotland—Pamela L. Baldwin and Malcolm F. Baldwin—Conservation Foundation, 1975, 184 p., photographs by

P. L. Baldwin, \$10; paper, \$5. Examines the physical, social and economic effects of the North Sea oil experience, based on observation, interviews and literature review in 1974, with conclusions and recommendations for the United States.

PAPERS ON THE ARCHAEOLOGY OF BLACK MESA, ARIZONA—George J. Gumerman and Robert C. Euler, Eds.—S Ill U Pr, 1976, 200 p., photographs, drawings, tables, \$10; paper, \$5.95. Results of eight-year investigative survey of 58 sites and six excavations, throwing light on prehistoric human behavior patterns in the American Southwest.

THE PHYSICS OF MUSIC—Alexander Wood; rev. by J. M. Bowsher—Halsted Pr, 1976, 7th ed., 273 p., photographs, diagrams, \$15. Modernized edition of classic work which deals with the interface between physics and music—resonance, pitch, vibrations of strings, organ pipes, dissonance, consonance, reproduction of sound, and acoustics.

THE PHYSIOLOGY AND MEDICINE OF DIVING and Compressed Air Work—P. B. Bennett and D. H. Elliott, Eds.—Williams & Wilkins, 1975, 2nd ed., 580 p., photographs, drawings, tables, \$55.75. Edited collection of reviews covering the many advances in the field of underwater physiology, each chapter written by an internationally recognized authority.

POISONOUS PLANTS OF THE UNITED STATES—Walter Conrad Muenscher—Collier/Macmillan, 1975, 297 p., drawings, paper, \$3.95. Reference guide to nearly 400 species of plants that can cause skin irritations, rashes, blisters and other symptoms of poisoning in man and animals.

THE POLITICS OF ALTERNATIVE TECHNOLOGY—David Dickson—Universe, 1976, 224 p., \$7.95. Concerned with the social function of contemporary technology in both industrial and underdeveloped countries, considers a variety of utopian technologies, the issue of social choice, and deals with the seeming impossibility of separating technological from political change.

THE SOLAR SYSTEM: A Scientific American Book—Carl Sagan et al—W H Freeman, 1975, 145 p., color and b&w photographs, diagrams, \$8.50; paper, \$4.50. Presents a comprehensive picture of the new knowledge about the solar system gathered by man's manned and unmanned space probes launched from earth.

200 TRAILS TO GOLD: A Guide to Promising Old Mines and Hidden Lodes Throughout the West—Samuel B. Jackson—Doubleday, 1976, 348 p., illus., \$8.95. Mining prospector and grubstaker describes historical sites, abandoned mines, and the exploits of men who followed the lure of gold to the western states.

THE WORLD OF LEARNING 1975-76, Vol. One: 1. International 2. Afghanistan—Puerto Rico. Vol. Two: Qatar to Zambia. Index—Europa Pubns (Gale Research), 26th ed., 1975, 2003 p., \$73.50. Latest information on the world's institutions of learning, new countries and universities added, with extensively revised chapters on Eastern European countries.

WHO DO YOU THINK YOU ARE? Man or Superman: The Genetic Controversy—Oliver Gillie—Sat Rev Pr (Dutton), 1976, 255 p., \$8.95. A clearly reasoned examination of the current heredity-environment controversy concerning sex, crime, physical and mental health, drug and alcohol dependency, and intelligence.