

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 25c handling charge for each book to **BOOK ORDER SERVICE**, Science News, 1719 N. Street, N.W., Washington, D.C. 20036. All books sent postpaid.

CLIMATE AND THE AFFAIRS OF MEN—Nels Winkless III and Iben Browning—Harper Mag Pr, 1975, 228 p., diagrams, \$8.95. Brings together a mass of data and examines in detail the mechanisms of changing climate and its historical effects on mankind, written in popular style.

DEATH VALLEY: Geology, Ecology, Archaeology—Charles B. Hunt—U of Cal Pr, 1975, 245 p., 163 photographs, drawings, maps, \$14.95. Presents in nontechnical language the essence of professional surveys regarding the prehistory, Indian history, water budget and quality, plant geography, and geologic history of the valley.

HYPNOSIS IN THE RELIEF OF PAIN—Ernest R. Hilgard and Josephine R. Hilgard—Kaufmann, 1975, 272 p., illus., \$12.50. Addressed to layman as well as the medical and psychological researcher, the book summarizes laboratory and clinical evidence about the extent to which, and under what conditions, pain is subject to control through hypnosis and suggestion.

THE KOALA—Vincent and Carol Serventy—Dutton, 1975, 80 p., photographs, \$12.95. A portfolio of rare close-ups and informative text document the koala's life in its natural habitat, and its relationship to other marsupials.

THE MAGIC WORLD OF THE XHOSA—Aubrey Elliott—Scribner, 1975, 12x9, 144 p., color and b&w photographs, map, \$12.50. Anthropologist-photographer reveals the bantu tribal world, in their customs, rites and rituals, kin relationships, inbred mutual helpfulness, and handsome attire.

THE MEDICALLY BASED NO-NONSENSE BEAUTY BOOK—Deborah Chase—Pocket Bks (S&S), 1976, 367 p., photographs, drawings, paper, \$1.95. Reprint (1975), fully indexed, up-to-date science-backed facts about cosmetic care of skin and hair. Includes glossary of ingredients and terminology.

OTHER HOMES AND GARBAGE: Designs for Self-Sufficient Living—Jim Leckie et al—Sierra Club Bks, 1975, 310 p., drawings, diagrams, tables, paper, \$9.95. Environmental, engineers and microbiologist offer practical technical information on house construction, generation of electricity and recycling.

PLASMAS AND LASER LIGHT—T. P. Hughes—Wiley, 1975, 518 p., photographs, diagrams, \$90. Brings together experimental results from many disciplines dealing with laser-generated plasmas and their applications, incoherent scattering of light, ionization of gases, plasmas formed by light in gases, and plasmas from solid targets.

QUEUING AND WAITING: Studies in the Social Organization of Access and Delay—Barry Schwartz—U of Chicago Pr, 1975, 222 p., tables, \$12. Research findings on aspects of punctuality and delay: studies explore client demand and workload, priorities and processing rule breakdowns, waiting time and its costs, and positive functions of delay.

THE RETURN OF THE GODS: The Sacred Art of Susanne Wenger—Ulli Beier—Cambridge U Pr, 1975, 120 p., photographs maps, \$14.95. Documents the strange revival through the influence of a European artist of Yoruba contemporary sculpture expressing traditional religious beliefs and ritual practices.

SEEDS OF DESTRUCTION: The Science Report on Cancer Research—Thomas H. Maugh II and Jean L. Marx—AAAS (Plenum Pr), 1975, 265 p., diagrams, tables, \$17.95. Summarizes the latest research findings on chemical and viral carcinogenesis, RNA viruses, cancer biochemistry, trends in therapy, and specific cancers. Explanatory glossary of terms included.

SHORT PERIOD CLIMATIC VARIATIONS: Collected Works 1934 through 1974—J. Namias—U of Cal Pr, 1975, 905 p., diagrams, maps, \$16; paper, 2-vol. set: \$12.50. Research papers and articles present a history of the development of long-range forecasting and of our knowledge of the operative physical processes.

STARCH AND ITS COMPONENTS—W. B. Banks and C. T. Greenwood—Wiley, 1975, 354 p., plates, diagrams, tables, \$32.50. Reference and text, gives coherent account of starch chemistry, from fractionation of the starch granule, to starch-degrading enzymes, and starch biosynthesis.

THE STUDY OF TIME II: Proceedings of Second Conference of the International Society for the Study of Time, held in Japan—J. T. Fraser and N. Lawrence, Eds.—Springer-Verlag N.Y., 1975, 496 p., photographs, diagrams, \$24.50. Recent findings on aging, biological rhythms, historical time, time in literature and art, physics, psychology, and clockmaking.

SYMMETRY DISCOVERED: Concepts and Applications in Nature and Science—Joe Rosen—Cambridge U Pr, 150 p., photographs, diagrams, \$11.95. Discusses the symmetry principle and its application, gives working examples, includes group theory section, and brief general discussion of approximate symmetry. For layman and undergraduate student.

WATER RESOURCES OF THE WORLD: Selected Statistics—Frits van der Leeden, Ed.—Water Inform. Center, 1975, 580 p., 47 maps, 578 tables, \$32.50. Up-to-date information on the water availability and water use of 138 countries and territories, gives data on stream flow and runoff, ground water, irrigation, industrial and public water requirements.

THE WHITE CELL—Martin J. Cline, M.D.—Harvard U Pr, 1975, 10x11, 574 p., photographs, drawings, tables, \$35. Comprehensive source book and text, reviews critically some 6,000 articles, describing the physiology of leukocytes—granulocytes, lymphocytes and plasma cells, monocytes and macrophages, both their normal and abnormal variants.

WILD CREATURES: A Pageant of the Untamed—Franklin Russell; Milton Rugoff and Ann Guilfoyle, Picture Eds.—S&S, 11x12, 1975, 180 p., 96 photographs (48 double-spreads in color), \$35. A lavish view of a cross-section of untamed animals from sea, desert, tundra and high mountains.

THE WILDERNESS HOME OF THE GIANT PANDA—William G. Sheldon—U of Mass Pr, 1975, 215 p., photographs, illus. by Russ W. Buzzell, \$12.50. A scholarly study of the panda

in its natural habitat in Western China, explores the ecology of life zones in panda country. Narrative gives first-hand account of expedition, country and people.

TEXTBOOKS

ASTRONOMY AND COSMOLOGY: A Modern Course—Fred Hoyle—W. H. Freeman, 1975, 725 p., 23 color plates, photographs, diagrams, tables, \$15.95. An exciting textbook, emphasizes such topics as the large-scale structure of the universe, the history of matter, the origin of the planets, and the origin of life.

CHEMISTRY OF THE ATMOSPHERE—Murray J. McEwan and Leon F. Phillips—Halsted Pr, 1975, 310 p., diagrams, tables, \$29.50. Graduate text and reference on recent work on the composition and dynamics of the chemosphere, the air-glow, ionosphere, air pollution, and the atmospheres of other planets.

ELECTRONS IN METALS: An Introduction to Modern Topics—C. M. Hurd—Wiley-Interscience, 1975, 340 p., diagrams, \$19.50. Advanced undergraduate text, deals with the electron liquid, generally single- and generally many-body effects, and with the lattice of ions immersed in an electron fluid.

THE GEOGRAPHY OF ECONOMIC SYSTEMS—Brian J. L. Berry, Edgar C. Conklin and D. Michael Ray—P-H, 1976, 318 p., diagrams, maps, \$13.95. Deals with world population patterns and dynamics, the spatial organization of land use, exchange and interaction, industrial heartland economies, developing economies, all examined in a systems framework.

INTRODUCTION TO MICROBIOLOGY—J. F. Wilkinson—Halsted Pr, 1975, 2nd ed, 120 p., plates, diagrams, paper, \$6.25. Text provides introduction to all branches of microbiology, both pure and applied.

AN INTRODUCTION TO PERCEPTION—Irvin Rock—Macmillan, 1975, 592 p., color plates, photographs, drawings, \$13.95. Text treats comprehensively all the traditional topics of visual perception, and perception in terms of psychological principles.

LIMNOLOGY—Robert G. Wetzel—Saunders, 1975, 743 p., 265 diagrams, tables, \$17.50. A summary text in limnology on the undergraduate level, integrates the major organisms of fresh waters in their functional relationships to each other and to the dynamics of their environment.

PHYSICS—Chris Zafiratos—Wiley, 1976, 926 p., photographs, diagrams, \$17.95. Text for a calculus-based introductory physics course, each of the 40 chapters is followed by student exercises.

PRINCIPLES OF HOLOGRAPHY—Howard M. Smith—Wiley, 1975, 2nd ed., 294 p., photographs, diagrams, \$16.50. Revised text incorporates new matter on phase holograms, diffraction efficiency of plane holograms, coupled-wave theory, noise, recording materials, and interferometric fringe interpretation.

THORACIC AND CARDIOVASCULAR SURGERY WITH RELATED PATHOLOGY—William W. L. Glenn, M.D., Averill A. Liebow, M.D. and Gustav E. Lindskog, M.D.—Appleton, 1975, 3rd ed., 1,365 p., photographs, drawings, tables, \$55. Completely rewritten to bring up to date all matters relevant to clinical manifestations, surgical and medical management of cardiothoracic lesions.