

books OF THE WEEK

Books of the Week 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 St., N.W., Washington, D.C. 20036. All books sent postpaid.

ACCLIMATIZATION IN THE ANDES: Historical Confirmations of "Climatic Aggression" in the Development of Andean Man—Carlos Monge, M.D., transl. from Spanish, foreword by Isaiah Bowman—Blaine Ethridge Bks, 1973, 130 p., \$14.50. Republication of 1948 investigation into the effects of high terrestrial altitudes on humans, with new preface by Paul T. Baker, comparing present knowledge with Monge's views.

THE ARTS AND HUMAN DEVELOPMENT: A Psychological Study of the Artistic Process—Howard Gardner—Wiley-Interscience, 395 p., illus. \$12.95. Explores from the perspective of the developmental psychologist the factors that enable the individual to create and to appreciate works in various art forms. Reports on experimental research on the child's artistic development, achievement mastery, and relationship of the arts to science, illness and truth.

ATOMIC ENERGY FOR HUMAN NEEDS—David Reuben Michelson—Messner, 1973, 189 p., photographs, \$5.95. Summarizes the uses of atomic energy in medicine, agriculture, as a power source, and other developments.

CELLULAR MODIFICATION AND GENETIC TRANSFORMATION BY EXOGENOUS NUCLEIC ACIDS: Sixth International Symposium on Molecular Biology

—Roland F. Beers, Jr. and Carmichael Tilghman, Eds.—Johns Hopkins U Pr, 1973, 351 p., photographs, diagrams, \$17.50. Contributions range from current work on the synthesis of tRNA genes, to the relevance of RNA tumor viruses to human cancer.

CONCISE DICTIONARY OF PHYSICS and Related Subjects—J. Thewlis—Pergamon, 1973, 366 p., tables, \$16.50. Up-to-date, concise yet comprehensive reference, consists of short definitions of terms which are mostly restricted to one concept. Includes subjects from astronomy to physical metallurgy.

CORPORATE COUNTRY: A State Shaped to Suit Technology—William H. Rodgers, Jr.—Rodale Pr, 1973, 318 p., photographs, \$7.95. An annotated polemic analysis of nine legal cases concerning environmental pollution, which reiterate the author's theme of "state subversion to the ends of defending technology" rather than the public interest.

CURRENT ISSUES IN ADOLESCENT PSYCHIATRY—Joseph C. Schoolar, Ed.—Brunner/Mazel, 1973, 270 p., \$12.50. Symposium papers deal with normal development in adolescence, the adolescent and social stress, major pathologies in adolescence, their treatment, and the legal rights.

THE DDT MYTH: Triumph of the Amateurs—Rita Gray Beatty, foreword by Francis A. Gunther—Day, 1973, 201 p., \$6.95. Takes a critical view of the value of across-the-board emotional condemnation of DDT, and argues for more research regarding agricultural chemicals.

THE DETECTION OF FISH—David Cushing—Pergamon, 1973, 200 p., photographs, diagrams, \$16.50. Deals with the uses of echo sounders in assessing and identifying the location and abundance of fish, tracing fish with acoustic methods, the study of fish behavior acoustically, and the use of complex acoustic instruments.

ELEMENTARY EXPERIMENTS WITH LASERS—G. Wright—Springer-Verlag NY, 1973, 130 p., photographs, diagrams, paper, \$5.80. Offers experiments that can be done with a simple gas laser, and deals with the properties and construction of lasers in general. Appendix explains necessary safeguards and safety problems of pulsed lasers.

ENCOUNTERING ABORIGINES: A Case Study: Anthropology and the Australian Aboriginal—Kenelm Burridge—Pergamon Pr, 1973, 260 p., \$12.50; paper, \$6.95. Traces the historical development of anthropological theory, the build-up of ethnographic data, and some of the particular problems posed by the Australian situation.

ENERGY NEEDS AND THE ENVIRONMENT—Robert L. Seale and Raymond A. Sierka, Eds.—U of Ariz Pr, 1973, 349 p., diagrams, tables, \$9.50. Presents diverse ideas by representatives from government, the energy industry and academic world, covering the range of complex problems from central station energy requirements, through air quality criteria, to future reactor systems.

EYSENCK ON EXTRAVERSION—H. J. Eysenck—Wiley, 1973, 174 p., tables, paper, \$4.95. On the nature of extraversion, relationship between intelligence and personality, extraversion and social behavior, and experimental aspects of extraversion.

A FIELD GUIDE TO MEXICAN BIRDS: Field Marks of All Species Found in Mexico, Guatemala, Belize (British Honduras), El Salvador—Roger Tory Peterson and Edward L. Chalif—HM, 1973, 298 p., 48 color plates, drawings, \$8.95. Compact identification guide to 1,038 species representing the majority of birds encountered in Central American countries.

THE INTELLIGENCE OF A PEOPLE—Daniel Calhoun—Princeton U Pr, 1973, 427 p., \$14.50. Imaginative and speculative ex-

ploration, seeks to account for changes in general intelligence patterns by exploring such variables as literacy rates, ideas in child-rearing, bridge and ship-building techniques, using as a working model New York State between 1770 and 1850.

MARS—Patrick Moore and Charles A. Cross—Crown, 1973, 48 p., photographs, diagrams, \$7.95. An atlas of Mars comparable with atlases drawn from the moon. Detailed maps show Martian volcanoes, craters and rift valleys with original charts prepared from more than 1,500 Mariner 9 photographs assembled into mosaics accurate to within 60 km.

MATV SYSTEMS HANDBOOK: Design, Installation and Maintenance—Allen Pawlowski—TAB Bks, 1973, 175 p., photographs, diagrams, \$7.95; paper, \$4.95. Intended to help in the selection of the right antenna system for any MATV/CATV application, from basics to troubleshooting.

PROSTAGLANDINS: Isolation and Synthesis—J. C. Colbert—Noyes Data Corp., 1973, 288 p., \$36. Detailed descriptive information based on U.S. patents, presents an advanced, commercially oriented review of prostaglandin preparation.

RORSCHACH RESPONSES IN OLD AGE—Louise Bates Ames and others—Brunner/Mazel, 1973, rev. ed., 219 p., tables, \$12.50. Original 1952 study of persons between the ages of 70 and 100, presents their tabulated responses progressing from normal, to pre-senile, to senile symptoms. Revised edition includes new longitudinal studies, as well as responses to supplementary tests.

SCHOLARSHIPS, FELLOWSHIPS AND LOANS, Vol. V—S. Norman Feingold—Bellman, 1973, 280 p., \$17. Discusses new problems and trends in student financial aid, offers tabulated vocational goal index, and alphabetically lists funds available, with qualifications necessary, description of special fields of interest, and information needed for application.

SEARCH THE SOLAR SYSTEM: The Role of Unmanned Interplanetary Probes—James Strong—Crane-Russak, 1973, 160 p., drawings, diagrams, \$8.50. Reviews for the general reader what remote-controlled, unmanned space probes have achieved, and outlines the objectives planned for the scientific exploration of the solar system.

SERVICING ELECTRONIC LABORATORY EQUIPMENT—L. W. Price—Williams & Wilkins, 1973, 197 p., photographs, diagrams, tables, \$12.50. Outlines the basic principles involved in trouble-shooting and routine maintenance of common scientific apparatus and measuring instruments.

STRONGLY INTERACTING PARTICLES—Riccardo Levi Setti and Thomas Lasinski—U of Chicago Pr, 1973, 322 p., diagrams, \$7.95; paper, \$3.95. Deals with the classification of particles and resonant states, the methods applied in their study, introduces high energy phenomenology, particle exchange processes, and connection between s- and t-channel phenomena.

VIKING EXPANSION WESTWARD—Magnus Magnusson—H Z Walck, 1973, 152 p., color plates, photographs, drawings by Rosemonde Nairac, maps, paper, \$4.95. Tells how archeologists by their discoveries have been able to supplement, interpret and correct information based mainly on medieval literature and sagas.

WORLD OF LEARNING, 1972-73, Vols. I and II—Europa Pubns (Gale Research), 1973, 1, 924 p., \$45. Comprehensive, up-to-date and world-wide guide to universities, colleges, research institutions, museums, learned societies and major libraries. Lists addresses, publications, officials, and major activities of 500 international organizations. Listing is alphabetically arranged by country.

**Share the Thrills
of Exploring
Outer Space!**



\$199⁹⁵
f.o.b.
Hartford,
Conn.

\$15 Crating
Charge

All DYNASCOPES, including this superb RV-6, 6-inch available on easy terms!

Now it's easy to join the thousands of serious amateurs who have discovered the excitement of exploring our mysterious universe. Your enjoyment begins right from the start, yet the challenges and rewards go on for years! And it's a hobby that can be shared at modest cost.

Choose From Many DYNASCOPES®

Picking a telescope to fit your needs and your pocketbook is simple when you select a DYNASCOPE—the same instruments used by more than 150 schools, colleges and observatories—and your satisfaction is guaranteed by a full-refund warranty.

**FASCINATING GUIDE
YOURS FREE!**

Read these valuable facts before buying any telescope. Mail coupon or postcard for your complimentary copy of this helpful guide.

Criterion Manufacturing Co.
331 Church St., Hartford, Conn. 06101
© TM Registered U.S. Pat. Office



CRITERION MANUFACTURING CO., Dept. NL 29
331 Church St., Hartford, Conn. 06101
Please send your free Telescope Guide.

Name _____
Address _____
City _____ State _____