

Books of the Week

Listing is for readers' information, not advertising. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25¢ handling charge if price is less than \$2 to Book Department, Science News, 1719 N St., N.W., Washington, D. C. 20036.

ABSORPTION SPECTRA OF MINOR BASES: Their Nucleosides, Nucleotides, and Selected Oligonucleotides—Tat'yana Vladimirovna Venkster and Aleksandr Aleksandrovich Baev, transl. from Russian—Plenum Press, 86 p., diagrams, \$10. Atlas useful to researchers engaged in the study of t-RNA.

ANIMAL TIMEKEEPERS—Navin Sullivan—Prentice-Hall, 64 p., illus. by Haris Pettie, \$3.50. Introduces boys and girls to the workings of biological clocks and rhythms in living things.

ANTARCTIC JOURNAL OF THE UNITED STATES, Vol. 1, No. 1—Office of Antarctic Programs, NSF and U.S. Naval Support Force, Antarctica, DOD—NSF, 38 p., illus., paper, bi-monthly, free upon request direct to Inform. Officer, Off. of Antarctic Programs, NSF, Washington, D.C. 20550. Combines two former publications, the BULLETIN OF THE U.S. ANTARCTIC PROJECTS OFFICER of DOD and NSF's ANTARCTIC REPORT.

BIBLIOGRAPHY ON ELECTROMECHANICAL TRANSDUCERS with Indexes—ASTRA, Midwest Research Institute—NASA (CFSTI), 46 p., paper, \$1. Designed to assess and identify the current literature on the applications and uses of electromechanical transducers.

BORON, Vol. 2: Preparation, Properties and Applications—Gerhart K. Gaule, Ed.—Plenum Press, 245 p., illus., \$12.50. Based on papers presented at the 1964 Paris International Symposium on Boron.

**ENJOY KEEPING TRIM
FREE INFORMATION**
Dept. A, 37 Centuck Station
Yonkers, N.Y. 10710. Write:
MINUTE-A-DAY®

WHY DON'T YOU WRITE?

EARN EXTRA MONEY IN SPARETIME writing short stories, articles on homemaking, travel, hobbies, local, club and church activities. Under the guidance of professional writer-editors, you learn by writing at home through the fascinating NIA Copy Desk Method. FREE "Writing Aptitude Test" tell whether you have qualities to become a successful writer. Write TODAY. No obligation. No salesman. 41st Yr. Lic. by N.Y. State. Acc'd't Member NHSC.

NIA WRITERS INSTITUTE DIVISION
NEWSPAPER INSTITUTE OF AMERICA
Suite 5236-C1, Two Park Ave., N.Y., N.Y. 10018



SEE MIRACLE OF BIRTH

\$4.98 POST PAID WITH
SIX QUAIL EGGS

(\$3.25 Without Eggs.)

You get the new clear plastic dome CHICK-BATOR with 6 Bobwhite Quail Eggs (available year-round) and Egg Hatcher's Guide Book. Complete — nothing else to buy. Send check or Money Order today

G.G.F. MFG. CO., DEPT. CL, BOX 152, SAVANNAH, GA.

MAKE MONEY WRITING

.. short paragraphs!

You don't have to be a trained author to make money writing. Hundreds now making money every day on short paragraphs. I tell you what to write, where and how to sell; and supply big list of editors who buy from beginners. Lots of small checks in a hurry bring cash that adds up quickly. No tedious study. Write to sell, right away. Send for free facts. **BENSON BARRETT**, Dept. 163-C1, 6216 N. Clark St., Chicago 26, Ill.

ATOMIC ENERGY LAB

ATOMIC CLOUD CHAMBER WITH PROJECTOR ILLUMINATOR. See the vapor trails of alpha and beta particles, and of cosmic rays from outer space.

SPINTHARISCOPE gives a dramatic, magnified ring-side view of exploding atoms.

ELECTROSCOPE. Metal-housed, with Scale and Magnifying Viewer. Measures background radiation and tests sample sources.

SAFE RADIOACTIVE MATERIALS. Alpha Source in handy container, and Uranium Ore (U, O₂ 0.229%), Atomic Energy Manual covers theory and projects.

A complete Lab that opens up the fascinating field of Nuclear Physics—only \$6.95

Your Satisfaction or Your Money Back

AMERICAN BASIC SCIENCE CLUB, INC.

501 East Crockett St. San Antonio Texas 78202

CHANGES IN MORTALITY TRENDS: England and Wales, 1931-1961—Nat. Center for Health Statistics—PHS (GPO), 49 p., graphs, paper, 40¢. A study of death rates in England and Wales analyzed by sex, age and cause of death.

COMPUTING REPORT: For the Scientist and Engineer, Vol. 1, No. 1—E. B. Hoag, Ed.—IBM Information Dept., 24 p., illus., paper, single copies free upon request direct to publisher, Data Processing Division, White Plains, N.Y. 10601. Devoted to discussion of man-machine engineering designs and computer applications.

THE DEEPEST DAYS—Robert Stenuit, transl. from French by Morris Kemp, introd. by Edwin A. Link—Coward-McCann, 222 p., photographs, \$5.95. The diary of a deep-sea explorer of the continental shelf engaged in a pioneering venture in oceanography.

EASY PHYSICS PROJECTS: Air, Water and Heat—Rocco V. Feravolo—Prentice-Hall, 104 p., illus. by Lewis Zacks, \$3.50. Describes procedures and scientific concepts of about 50 simple projects for boys and girls.

EDUCOM, Vol 1, No. 1—Carle Hodge, Ed.—Interuniversity Communications Council, 10 p., illus., paper, free upon request direct to publisher, Box 625, Ann Arbor, Mich. 40107. Bulletin designed to disseminate reports on the state of information techniques, this issue discusses time-sharing computers on campus.

ENRICO FERMI: Atomic Pioneer—Doris Faber—Prentice-Hall, 86 p., illus. by David Hodges, \$3.50. Juvenile biography.

EXTRATERRESTRIAL LIFE: A Bibliography, Part II: Published Literature, 1900-1964—NASA Scientific and Technical Information Facility—NASA (GPO), 335 p., paper, \$2. A selection of annotated references to journal articles and books.

FEDERAL MATERIALS RESEARCH PROGRAM: Opportunities, Roadblocks and Problems—Coordinating Committee on Materials Research & Development, Fed. Council for Science and Technology—CFSTI, 29 p., paper, \$2. Identifies the major problems and recommends those areas of research in materials that should receive increased emphasis.

FILMS AND THE TEACHING OF PHYSICS—A. S. Ahmatov and others—UNESCO, Div. of Science Teaching, 16 p., paper, single copies free upon request direct to publisher, Place de Fontenoy, Paris 7, France. Discussion by international working group on physics teaching films at university and pre-university level, with questionnaires.

THE FIRMAMENT OF TIME—Loren Eiselev—Atheneum, 183 p., paper, \$1.65. Reprint (1960) of essays exploring the changes in man's vision of nature and himself.

FLASH: The Life Story of a Firefly—Louise Dyer Harris and Norman Dyer Harris—Little, Brown, 57 p., illus. by Henry B. Kane, \$2.95. Informative reading for young children.

HIGHER EDUCATION FOR ALL?—William C. Jones, Ed.—Ore. State Univ. Press, 94 p., \$3. Proceedings of the Twenty-Seventh Annual Pacific Northwest Conference on Higher Education.

INDIA: A Short Introductory History—Mark Naidis—Macmillan, 208 p., plates, map, \$5.95. A historical sketch for the general reader or the beginning student of India's past.

JOHN DIEBOLD: Breaking the Confiner of the Possible—Wilbur Cross, introd. by Karl A. Hill—Heinemann, James, 303 p., photographs, \$6.50. Concepts, developments and applications of automation seen through the eyes of one of its early promoters.

LIVING THINGS—Frederick L. Fitzpatrick, Thomas D. Bain and Harold E. Teter—Holt, rev. ed., 419 p., illus., \$5.40. This text gives an up-to-date view of the science of biology presented in nontechnical form for the nonacademic high school student.

MAJOR ACTIVITIES IN THE ATOMIC ENERGY PROGRAMS, 1965—U.S. Atomic Energy Commission—GPO, 442 p., illus., paper, \$1.50. Annual report on the developmental, promotional and regulatory activities of AEC.

MICROBIOLOGY AND SOIL FERTILITY: Papers presented at Twenty-Fifth Annual Biology Colloquium—C. M. Gilmour and O. N. Allen, Eds.—Ore. State Univ. 164 p., illus. \$4.50. Among subjects treated are the sites of nutrient exchange in soils, and the cycling of carbon and nitrogen in the biosphere.

MINERAL FORMATION AND STRUCTURE IN THE ELECTROCHEMICAL INDURATION OF WEAK ROCKS—N. I. Titkov, V. P. Petrov and A. Ya. Neretina, transl. from Russian—Consultants, 74 p., illus., paper, \$12.50. Reports on experimental laboratory investigation results at the Institute of Geology and Exploitation of Fuels of the Academy of Sciences of the USSR.

MINERALS YEARBOOK 1964, Vol. 1: Metals and Minerals (Except Fuels)—Bureau of Mines Staff, Frank C. Memmott, Act. Dir.—GPO, 1258 p., \$4.75. Includes review of the mineral industries, metallurgical and mining technology, and statistical summary.

OPTICAL PROPERTIES OF THIN SOLID FILMS—O. S. Heavens—Dover, 261 p., illus., paper, \$2. Reprint (1955).

PROMOTING MENTAL HEALTH OF OLDER PEOPLE THROUGH GROUP METHODS: A Practical Guide—Wilma H. Klein, Edo J. Le Shan and Sylvan S. Furman—Mental Health Materials Center, 156 p., \$4.50. Findings and recommendations of a two-year demonstration and training project conducted by the Manhattan Society for Mental Health.

REBUILDING CITIES—Percy Johnson-Marshall—Aldine Pub. Co., 374 p., photographs, maps, index, \$15. A compendium and analysis of the achievements of city planning with historic perspective from pre-industrial Europe to the city of the 20th century.

REVIEWS OF PLASMA PHYSICS, Vol. 4—M. A. Leontovich, Ed., transl. from Russian by Herbert Lashinsky—Consultants, 241 p., diagrams, \$12.50. Papers on collisionless plasmas and on Coulomb collisions in a fully ionized plasma.

SEXUAL REPRODUCTION—Susan Michelmore—Natural Hist. Press, 229 p., illus., paper, \$1.25. Reprint (1964) of popularly written work on the biological role of sex in reproduction and evolution.

SUMMER OPPORTUNITIES FOR TEEN-AGERS—Russell J. Fornwalt, Ed.—Advancement & Placement Inst., 92 p., illus., paper, \$3. Describes young people's summer jobs, from making their own opportunities to earn money, to listings of scholarship awards, contests, training programs, hobbies and summer service projects.

THE WARRIOR APACHES: A Story of the Chiricahua and Western Apache—Gordon C. Baldwin—Dale Stuart King, 144 p., photographs, illus. by H. A. Wolfenbarger, Jr. and C. R. McKusick, maps, \$3.50; paper, \$1.95. A description, on the adult level, of the aboriginal life of the Apaches, and an explanation of how they are adjusting to modern times.

THE YEAR OUTDOORS: A New Jersey Chronicle—Eva Rodimer—Rutgers Univ. Press, 294 p., illus. by R. B. Horsfall, \$6.95. A naturalist's observations of the seasons in her native state.

• Science News, 89:188 March 19, 1966

Do You Know?

Neuroglia, non-nervous brain tissue whose function has been largely unknown, appears to have a caretaker role, repairing brain damage and serving as a supply depot in brain emergencies.

The red protein, an iron building protein in milk, has been isolated from cows.

The remains of an early Neolithic village, dating to approximately 8500 B.C. have been found in Southern Kurdistan.

• Science News, 89:188 March 19, 1966

FREE CATALOGUES OF SCIENCE BOOKS

State your interest! Mathematics, physics, history of science, general science, biology, social sciences, earth sciences, chemistry, languages, philosophy, engineering. Dover publishes over 100 books per year; quality production standards, priced for your budget. Dept. SNL, DOVER, 180 Varick St., N. Y. 14, N. Y.