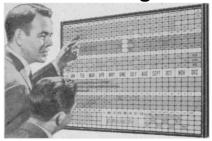
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## Books of the Week

For the editorial information of our readers, books received for review are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 36, D. C.

ADVANCES IN ELECTRONIC CIRCUIT PACKAGING, Vol. 3—Lawrence L. Rosine, Ed.—Plenum Press, 457 p., illus., \$16.50. Proceedings of 1962 international symposium, reporting on advances in this film techniques, interconnections between microcircuits, methods of assembly and deposition.

ANIMAL MIGRATION—Rene Thevenin, transl. from French by Noel Kenton—Walker, 130 p., \$3.50. About migrations of invertebrates, fish, mammals and birds, for the general reader.

ARCHAEOLOGICAL TECHNIQUES FOR AMA-TEURS—Philip C. Hammond—Van Nostrand, 329 p., illus., \$5.95. Intended for practical field use as a guide to excavating methods, specific problems, recording and administration of excavation; includes directory to archaeological activity in the U.S. and Canada.

ARITHMETIC: Concepts and Skills—Charles F. Brumfiel and others—Addison-Wesley, 389 p., illus., \$4. Provides a systematic review and extension of the arithmetic concepts studied in the first six grades, with emphasis on fundamental properties and relationships.

ASTRONAUTICAL AND AERONAUTICAL EVENTS OF 1962: Report—National Aeronautics and Space Administration—Comm. on Science & Astronautics, U.S. Congress (GPO), 370 p., paper, \$1. Chronology and highlights of 1962 space events, such as the orbital flights of Glenn, Carpenter and Schirra, Mariner II, Telstar, and the successful launching of more than 61 American space vehicles. Indexed

ASTRONOMY AS A CAREER—Freeman D. Miller—Bellman, 32 p., illus., paper, \$1. Professional monograph presenting factual information on qualifications, training and opportunities for work in the field of

BASIC FACTS OF EARTH SCIENCE—Robert L. Stanger—Collier Bks., 64 p., paper, 95¢. Handy, condensed facts of high school Earth Science course, with detachable review cards.

BASIC FACTS OF GEOLOGY—Benjamin T. Diamond—Collier Bks., 62 p., diagrams, paper, 95¢. Pocket-size digest of facts to improve your grades in introductory course in geology.

BASIC FACTS OF PHYSICS—Robert L. Rappa-port—Collier Bks., 64 p., paper, 95¢. Pocket-size digest of introductory course in high school physics, with eight detachable review cards.

THE BIRDS—Roger Tory Peterson and The Editors of LIFE—Time Inc. Books, 192 p., illus., \$3.95 direct to publisher, 540 N. Mich. Blvd., Chicago 11, Ill. Beautifully illustrated and informative book about bird orders, flight, habits, census of species, migration and rare species.

CARING FOR YOUR FEET—Herbert C. Yahraes, Jr.—Public Affairs Committee, Pamphlet No. 345, 28 p., illus, paper, 25¢ direct to publisher, 22 E. 38th St., New York 16, N. Y. Discusses sound foot care for young and old.

COMPARATIVE BIOLOGY OF CALCIFIED TISSUE—Melvin L. Moss, Ed.—N. Y. Acad. of Sciences, Annals, Vol. 109, Art. 1, 410 p., illus., paper, \$6. Conference papers, discussing on an evolutionary and comparative basis some of the basic underlying mechanisms of calcification.

underlying mechanisms of calcification.

COMPUTER CIRCUIT PROJECTS YOU CAN BUILD—Lee Boschem—Sams, 143 p., illus., paper, \$2.95. Fourteen "build-it-yourself" projects based on modern computer-circuit technology.

CURRENT RESEARCH AND DEVELOPMENT IN SCIENTIFIC DOCUMENTATION NO. 11—National Science Foundation—OTS, 440 p., \$4. Latest in the series of descriptive research reports on documentation needs and uses, storage and retrieval, mechanical translation, equipment and related research.

DENTAL APTITUDE TEST—Emanuel C. and Edward C. Gruber—Arco, multi-paged, illus., paper, \$4. Shows the applicant the nature of the test, gives sample tests and supplementary practice and study material.

ECONOMIC BACKWARDNESS AND ECONOMIC GROWTH: Studies in the Theory of Economic Development — Harvey Leibenstein — Science Editions, 295 p., paper, \$2.25. Explains the world's inequalities in output, characteristics of economic backwardness, underemployment, minimum effort thesis, and basic relationships.

EVOLUTION, GENETICS AND MAN—Theodosius Dobzhansky—Science Editions, 398 p., illus., paper, \$2.45. Reprint (1955) of modern classic.

paper, \$2.45. Reprint (1955) of modern classic.

THE EVOLUTION OF SCIENCE: Readings from
the History of Mankind—Guy S. Metraux and Francois Crouzet, Eds.—New Am. Lib., 432 p., illus,
paper, 95¢. Original paperback, offering collection of
articles by prominent world scholars on science in
antiquity, in the Middle Ages, Renaissance science
and modern science.

EXPERIMENTS IN CHEMISTRY—John W. Sulcoski—Burgess, 103 p., illus., paper, \$2.50. Laboratory manual at high school level, with 40 experiments and procedures for working them out.

EYE FIXATION AND RECALL OF PICTURES AS A FUNCTION OF GSR RESPONSITIVITY—
Lester Luborsky, Barton Blinder and Norman Mackworth—Perceptual & Motor Skills, 14 p., paper, \$1.
Explores experimentally relationships between the looking behavior of the eye and recall of pictures differing in threatening content.

FACE OF THE METROPOLIS—Martin Meyerson with Jacqueline Tyrwhitt and others—Random House, 248 p., illus., \$7.50. Analyzes the new forms of the urban landscape on 70 selected examples in the U.S. and abroad, sponsored by ACTION, the National Council for Good Cities.

THE HOW AND WHY WONDER BOOK OF LIGHT AND COLOR—Harold Joseph Highland; Paul E. Blackwood, Ed.—Grosset, 48 p., illus. by George J. Zaffo, \$1. Presents graphically the basic principles that explain light and color, at elementary level.

THE HOW AND WHY WONDER BOOK OF ROBOTS AND ELECTRONIC BRAINS—Robert Scharff; Paul E. Blackwood, Ed.—Grosset, 48 p., illus. by Denny McMains, \$1. Attempts to give the young reader with the help of pictures and examples an understanding of the applications of modern computing degrees. puting devices.

ILLUSTRATED PHYSIOLOGY—Ann B. McNaught and Robin Callander—Williams & Wilkins, 287 p., \$6.75. In the form of an atlas the book provides the student with visual aids for the study of tissues, metabolism, and the digestive, circulatory, respiratory and nervous systems.

JOHN CLAYTON: Pioneer of American Botany—Edmund Berkeley and Dorothy Smith Berkeley—Univ. of N. C. Press, 236 p., illus, \$6. Biography of the 18th century Virginian plant collector and systematic botanist who compiled the "Flora Virginica."

THE NINETEENTH CENTURY WORLD: Readings from the History of Mankind—Guy S. Metraux and Francois Crouzet, Eds.—New Am. Lib., 519 p., paper, 95¢. Original paperback, contains scholarly articles on the political and social forces, and the science and technology of the 19th century.

coence and technology of the 19th century.

OAK RIDGE NATIONAL LABORATORY CATALOG: Radio and Stable Isotopes—Isotopes Development Center—ORNI-Union Carbide Nuclear, 4th rev.
ed., 98 p., illus., request direct from publisher, P. O.
BOX X, Oak Ridge, Tenn. Catalog giving technical
information about more than 100 different radioisotope preparations which the AEC produces and
distributes to licensed customers for commercial, educational, research and medical uses.

THE OLDER AMERICAN: President's Council on Aging, 1963—Anthony J. Celebrezze, Chmn.—GPO, 73 p., maps, paper, 50¢. First annual report, underscores individuality, independence, social life and the need for special assistance.

need for special assistance.

PARTNERSHIP FOR PROGRESS: A Program for Transatlantic Action—Pierre Uri; preface by Henry Cabot Lodge—Harper for The Atlantic Institute, 126 p., \$1.25. This report on the alliance of North America and Western Europe analyzes the economic and monetary position and makes suggestions which might provide a framework for the solution of present difficulties.

RELIGION AND THE NATURAL WORLD—George Hedley—Univ. of Wash. Press, 49 p., illus., paper, \$1.50. Three lectures given in the Medical Student Research Training Program, treating the subject in antiquity, in the Middle Ages, and in modern times.

modern times.

SCIENCE SCHOLARSHIP EXAMS—Edward C.
Gruber—Arco, 246 p., illus., paper, \$3. Lists science scholarship opportunities, among others describes in detail the Science Talent Search and preparation for the Westinghouse Scholarships, including actual science aptitude examinations and project reports.

THE STORY OF BLOOD—Kenneth Walker—Philosophical Lib., 213 p., illus., \$6. For the general reader.

general reader.

TEACHING AS A CAREER—William H. Burton—Bellman, 45 p., illus., paper, \$1. Monograph discusses positions available, rewards and responsibilities, training and certification for teaching.

THESES OF THE FIRST SOVIET GRAVITA-TION CONFERENCE held in Moscow in the summer of 1961—Maurice A. Garbell—Garbell Research Foundation, 130 p., paper, \$7.50 direct to publisher, 1714 Lake St., San Francisco 21, Calif. Contains synopses and abstracts in nontechnical terms of sub-jects discussed, as well as translations of the actual

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