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 6, D. C.

BASIC RADIO, Vols. I to VI: DC Electricity, AC Electricity, Electron Tube Circuits, AM & FM Receivers, Transistors, Transmitters-M. Tepper —Rider, J. F., 138 p., 138 p., 138 p., 122 p., 66 p., 154 p., illus., paper, \$2.70 each; vol. V, Transistors, \$1.90.

THE CONDENSED CHEMICAL DICTIONARY—Arthur and Elizabeth Rose, Eds., formerly directed by Francis M. Turner, 1889-1952-Reinhold, 6th ed., 1257 p., \$17.50. Completely revised and enlarged chemical reference work, up-to-date names, uses, formulas, derivations, properties, information on chemicals, materials, trade synonyms and safety regulations.

THE CRAZY CANTILEVER AND OTHER SCIENCE Experiments-Robert R. Kadesch-Harper, 175 p., photographs, diagrams, \$3.95. Demonstrates



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for the young scientist 40 experiments using simple materials.

ELECTRONICS IN EVERYDAY THINGS-William C. Vergara—Harper, 235 p.. illus., \$3.95. Answers general reader's questions about major applications of electronics.

EXPERIMENTS IN TRANSPORT PHENOMENA— E. J. Crosby—Wiley, 190 p., illus., paper, \$3.95. Laboratory course to accompany theory of transport phenomena.

EXPLORING BY ASTRONAUT: The Story of Project Mercury—Franklyn M. Branley—Crowell, 104 p., illus. by H. K. Wimmer, \$3.50. For young people.

THE FIRST BOOK OF THE HUMAN SENSES—Gene Liberty—Watts, F., 64 p.. illus. by Robert Tidd, \$1.95. For boys and girls.

FORKER: The Man and the Aircraft-Henri Hegener—Harborough (Aero Pubs.), 224 p., illus., \$8.50. Biography of the famous Dutch aviation pioneer and aircraft manufacturer.

FOUR THOUSAND YEARS AGO: A World Panorama of Life in the Second Millenium B.C .-Geoffrey Bibby—Knopf, 430 p., illus., \$6.95. Recreates the early civilizations of Egypt, Crete, Asia Minor, Mesopotamia and Europe.





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THE GIANT SNAKES-Clifford H. Pope-Knopf, 310 p., photographs, \$6.95. Comprehensive account of the boa constrictor, the anaconda and the largest pythons, for the general reader.

GRAND CANYON: Origin and Scenery. Also: GEOLOGIC MAP of the Bright Angel Quadrangle, Grand Canyon National Park, Ariz.-John H. Maxson—GCNHA, 31 p., illus., paper, 60¢, folded map in color, \$1.25. For geologist as well as for layman.

INTRODUCTION TO FEEDBACK SYSTEMS-L. Dale Harris—Wiley, 363 p.. diagrams, \$10.50. Basic principles of linear feedback systems with many work-book features.

Invitation to Chemical Research—E. Emmet Reid—Franklin Pub. Co., 366 p., \$10.60. Research chemist's reminiscences and professional know-how, for chemistry students.

A MODERN INTRODUCTION TO ORGANIC CHEM-ISTRY-William B. Smith-Merrill, 266 p., illus., \$6.25. Brief course of descriptive organic chem-

THE ORIENTATION OF ANIMALS: Kineses, Taxes and Compass Reactions—Gottfried S. Fraenkel and Donald L. Gunn—Dover, rev. ed., 376 p., illus., paper, \$2. Expanded version of 1940 edition with supplementary biography.

THE ORIGINS OF SCIENTIFIC THOUGHT: From Anaximander to Proclus, 600 B.C. to 300 A.D. —Giorgio de Santillana — Univ. of Chicago Press, 320 p., illus., \$5.95. Original interpreta-tion of the great philosophical ideas of ancient Greece and Rome as the roots of what we have come to know as science.

OUR MODERN NAVY-Joseph L. Howard-Van Nostrand, 179 p., photographs, \$5.95. Describes the aims, the vessels and weapons of the U.S. Navy in the space age.

THE PEACE CORPS: Who, How and Where-Charles E. Wingenbach, foreword by Sen. Hubert H. Humphrey-Day, 154 p., \$3.50; paper, \$1.95. About selection, training, work in the field and organization of the Peace Corps.

PREHISTORIC LIFE ON EARTH-Kai Petersen; Georg Zappler, Ed., foreword by Edwin H. Colbert—Dutton, 163 p., illus., \$4.95. General principles and panoramic view of life as it evolved, for young people.

REPORT WRITER'S HANDBOOK-Charles E. Van Hagen—Prentice-Hall, 276 p., illus., \$6.75. Discusses all phases of report preparation, for practicing scientists. engineers, and administra-

REVISION OF THE UINTATHERES-Walter H. Wheeler—Peabody Mus., Yale, 93 p., 14 plates, paper, \$2. Geographic and stratigraphic distribution, taxonomy and morphology of a group of fossil mammals, forebears of the rhinoceros.

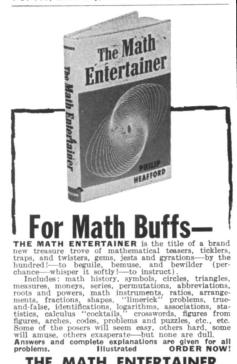
(Continued on page 343)

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Books of the Week

(Continued from p. 340)

ROCKETS AND YOUR FUTURE-Stanley Beitler -Harper, 141 p., illus., \$3.50. Informs young people about the broad new field of space tech-

ROCKETS TO THE PLANETS—Erik Bergaust— Putnam, 48 p., illus., \$2.50. Outline of planned and imagined space vehicles.

Science in the Bathtub—Rebecca B. Marcus -Watts, F., 24 p., illus. by Jo Polseno. \$1.50. Factual reading for the very young.

Science in the Garden-Rebecca B. Marcus -Watts, F., 24 p., illus. by Jo Polseno, \$1.50. Information for the youngest readers.

SIMPLE SCIENCE EXPERIMENTS for Boys and Girls-Harold Visner and Adelaide Hechtlinger -Franklin Pub. Co., 232 p., illus. by Norma Chigrinsky, \$5. Procedure and explanation of 210 experiments for ages 9 to 12.

STANDARD REFRIGERATION AND AIR CONDI-TIONING QUESTIONS AND ANSWERS—Stephen Michael Elonka and Quaid Walton Minich— McGraw, 253 p., illus., \$6.95. Handbook for plant maintenance.

THE STORY OF POLLINATION—B. J. D. Meeuse -Ronald, 243 p., illus. by Hilda Kern, \$7.50. Botanist's readable account of the many ways in which nature attends to flower pollination.

THE STORY OF YOUR BRAIN AND NERVES—Edith Lucie Weart—Coward-McCann, 63 p., illus. by Alan Tompkins, \$3. Clear and simple description of the intricate communications system of our bodies.

TAC: The Story of the Tactical Air Command—Leverett G. Richards, foreword by Gen. O. P. Weyland—Day, 254 p., \$4.50. About the various divisions of TAC and the functions of its pilots.

Science News Letter, 80:340 November 18, 1961

Questions

MEDICINE—How many cancer patients will probably receive the benefit of cancer chemotherapy this year? p. 334.

SPACE—What are the advantages of fluorine as a space propellant? p. 331.

Photographs: Cover, International Business Manotographs: Cover, International Business Ma-chines Corporation; p. 331, Minneapolis-Honeywell Regulator Co.; p. 333, F. C. Livingstone; p. 335, University of Pennsyl-vania; p. 338, National Bureau of Standards; p. 342, Borroughs Tool and Equipment Corp.

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