

Books of the Week

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ALL ABOUT LIGHT AND RADIATION—Ira M. Freeman—Random House, 142 p., photographs, diagrams, \$1.95. Clear explanations of light waves, mirrors, lenses, color and invisible rays.

THE AMAZING SEEDS—Ross E. Hutchins—Dodd, 159 p., photographs by author, \$3.50. Reveals strange and interesting facts about the world of seeds, enhanced by many close-up views.

THE AMERICAN AUTOMOBILE: A Brief History—John B. Rae—Univ. of Chicago Press, 265 p., illus., \$5.95. Treats the whole span of rapid development of the U.S. automobile industry together with the resulting industrial and social change.

AND KEEP YOUR POWDER DRY: An Anthropologist Looks at America—Margaret Mead—Morrow, 2nd ed., 340 p., \$5. Expanded edition (1942) with new prefaces, introduction and bibliography, and a new chapter completed after the 1964 national elections.

BIOLOGICAL ASPECTS OF SOCIAL PROBLEMS—J. E. Meade and A. S. Parkes, Eds.—Plenum Press, 226 p., \$9.75. Proceedings of a symposium held by the Eugenics Society in 1964.

CONSTITUTION OF BINARY ALLOYS, FIRST SUPPLEMENT—Rodney P. Elliott—McGraw, 877 p., graphs, \$35. Provides the metallurgist, physicist and materials scientist with equilibrium data, solubilities and crystallographic data for 1,719 binary systems, from Actinium-Hydrogen to Zinc-Zirconium.

CRYSTALS: Perfect and Imperfect—Allan Bennett and others, Sharon Banigan, Ed.—Walker & Co., 237 p., photographs, diagrams, \$5.95. A Westinghouse Search Book. Presents in clearly understand-

able form the results of modern research on the properties of the crystalline state.

CURRENT ASPECTS OF EXOBIOLOGY—G. Mamikunian and M. H. Briggs, Eds.—Pergamon Press, 420 p., illus., \$17. A comprehensive examination of the philosophy, the scientific approach and current research problems connected with investigating organo-chemical evolution and the likelihood of intelligent life forms in space.

A DICTIONARY OF ASTRONAUTICS—J. L. Naylor—Hart Pub. Co., 316 p., illus., \$6.95; paper, \$2.65. Contains more than 2,000 definitions of space terms, from Angstrom Unit to Zodiacal Light.

ELI WHITNEY: Founder of Modern Industry—Wilma Pitchford Hays—Watts, F., 94 p., \$2.95. Juvenile biography.

GAS CHROMATOGRAPHY OF STEROIDS IN BIOLOGICAL FLUIDS—Mortimer B. Lipsett, Ed.—Plenum Press, 315 p., diagrams, \$12.50. Proceedings of 1965 workshop, providing a critical examination of the methods in current use.

THE GREAT AMERICAN FOREST—Rutherford Platt—Prentice-Hall, 271 p., photographs, \$6.95. Brings alive the spirit of the forest, with much information on soil, sap, leaf and trees.

HANDBOOK OF PREPARATIVE INORGANIC CHEMISTRY, Vol. 2—George Brauer, Ed., transl. from German by Scripta Technica—Academic Press, 2nd ed., 880 p., diagrams, \$32. Revised edition features recently developed processes, methods and apparatus, up-dated bibliography, insertion of U.S. equivalents and trade names.

HANDBOOK OF ULTRAVIOLET METHODS—Robert G. White—Plenum Press, 365 p., \$17.50. A compendium of more than 1,600 methods taken from technical periodicals published during the past 25 years.

THE HUMP: The Great Military Airlift of World War II—Bliss K. Thorne—Lippincott, 188 p., photographs, \$5.50. Tells the story of how the supply line from northeast India across the Himalayas to the Allied Forces in China was maintained.

LINEAR ELASTIC THEORY OF THIN SHELLS—J. E. Gibson—Pergamon Press, 182 p., diagrams, \$3.95. A postgraduate text on the elastic behavior of shells.

THE MICROSCOPE—C. William Harrison—Messner, 100 p., photographs, diagrams, \$3.95. The story of the microscope for young people, its history, uses and the processes by which it magnifies.

MR. TOMPKINS IN PAPERBACK—G. Gamow—Cambridge Univ. Press, 186 p., illus. by author and John Hookham, paper, \$1.95. Combines and brings up to date both Mr. Tompkins in Wonderland (1940) and Mr. Tompkins Explores the Atom (1945).

NEIGHBORS OF THE EARTH: Planets, Comets and the Debris of Space—Thornton Page and Lou Williams Page, Eds.—Macmillan, 336 p., illus., \$7.95. Articles in this book show the progress of 30 years' exploration of the solar system, they appeared originally in Sky and Telescope.

THE NEW TREASURY OF SCIENCE—Harlow Shapley, Samuel Rapport and Helen Wright, Eds.—Harper, 762 p., \$8.95. Organized to give the intelligent layman an introduction to the modern world of science, this new edition offers 84 selections of scientific writings in the various disciplines.

OXIDATION OF METALS—Karl Hauffe, transl. from German—Plenum Press, 452 p., illus., \$19.50. Basic text and reference work.

PRISONER'S DILEMMA: A Study in Conflict and Cooperation—Anatol Rapoport and Albert M. Chammah with Carol J. Orwant—Univ. of Mich. Press, \$7.50. Addressed specifically to experimental psychologists, presents mathematical deductions from a two-choice situation designed by game theoreticians.

SCIENCE AND ETHICAL VALUES—Bentley Glass—Univ. of N. C. Press, 101 p., diagrams, \$4. Geneticist's essays on the evolution of values, human heredity and the ethics of tomorrow, and on the ethical basis of science.

THE SORBY CENTENNIAL SYMPOSIUM: On the History of Metallurgy—Cyril Stanley Smith, Ed.—Gordon & Breach, 558 p., illus., professional ed. \$12.50. Papers exploring the two-way interaction between metallurgists' understanding of their material and the general advance of science.

STELLAR STRUCTURE—Lawrence H. Aller and Dean B. McLaughlin, Eds.—Univ. of Chicago Press, 648 p., illus., \$17.50. This is Vol. VIII of STARS AND STELLAR SYSTEMS, nine-volume compendium of astronomy and astrophysics under the general editorship of G. P. Kuiper and B. M. Middlehurst.

STONEHENGE DECODED—Gerald S. Hawkins with John B. White—Doubleday, 202 p., 23 plates, illus., \$5.95. Full exposition of astronomer's investigation with the help of computer of the possible astronomical importance of the arrangement of stones and holes at legendary Stonehenge.

THE STORY OF THE F.B.I.—Earl Schenk Miers—Donald D. Wolf, Ed.—Grosset & Dunlap, 48 p., photographs, \$1.95. Shows in pictures and short text some of the methods used in crime detection.

TELESCOPES FOR SKYGAZING—Henry E. Paul—Chilton Bks., 160 p., photographs, \$4.95. An amateur photographer's guide to instruments, observations and astrophotography.

THE THERMAL PROPERTIES OF SOLIDS—H. J. Goldsmid—Dover, 72 p., diagrams, paper, \$1.35. Monograph designed to give undergraduate students in the basic and applied sciences an understanding of the principles and latest experimental techniques.

TREATISE ON ELECTROCHEMISTRY—G. Kor-tum—Elsevier Pub. Co., 2nd rev. ed., 637 p., \$30. Translation of the third completely revised German edition which takes into account recent developments.

THE TWO ASSASSINS—Renatus Hartogs, M.D. and Lucy Freeman—Crowell, 264 p., \$5.95. Quoting from the record of the Warren Commission testimony, the psychiatrist, based on his experience with juveniles, evaluates and interprets the evidence of psychological motives for homicidal potential.

ULTRASONIC ENERGY: Biological Investigations and Medical Applications—Elizabeth Kelly, Ed.—Univ. of Ill. Press, 388 p., illus., \$12.50. Report on the latest findings and research in the use of ultrasonic energy in basic biological research, and in medical diagnosis and therapy.

THE VIRUSES—Helena Curtis—Natural Hist. Press, 228 p., illus., \$4.95. Describes for the general reader the role of viruses as agents of disease and as probes into the nature of life.

WATER SINCE THE WORLD BEGAN—Sigmund A. Lavine and Mart Casey—Dodd, 141 p., photographs, illus., maps, \$3.50. A well organized summarization of facts on water as a resource and its importance to man.

A WEED IS A FLOWER: The Life of George Washington Carver—Alike—Prentice-Hall, unpagged, illus. by author, \$4.25. Colorful book, tells in simple words the story of the Negro scientist.

WHAT YOU SHOULD KNOW ABOUT EDUCATIONAL TESTING—J. McV. Hunt—Public Affairs Pamphlets, No. 375, 28 p., paper, 25¢ direct to publisher, 381 Park Ave. South, New York 10016. Discusses misinterpretations of IQ and achievement tests.

WHEELS—Lisa Miller—Coward-McCann, unpagged, illus. by Tomie de Paola, \$2.95. Makes young children aware of the many uses of wheels.

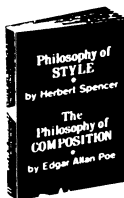
WHEELS: A Book to Begin on—Eleanor Clymer—Holt, unpagged, illus. by Charles Goslin, \$2.75. Tells children something of the history and the many applications of the wheel.

WINGING INTO SPACE—Walter F. Hendrickson Jr.—Bobbs-Merrill, 207 p., photographs, \$3.95. About the work and testing at Edwards Air Force Base, center of the Air Force's experimental flight research with the X-15.

THE WORLD OF CORAL—Robert Silverberg—Duell, 150 p., photographs by Barbara Silverberg, \$3.95. Acquaints the reader with the natural life on reefs in the Caribbean, the Indian Ocean and the Pacific.

THE YOUNG LOUIS PASTEUR—Joanna Richardson—Roy Pubs., 128 p., illus. by Anne Linton, \$3.25. Juvenile biography.

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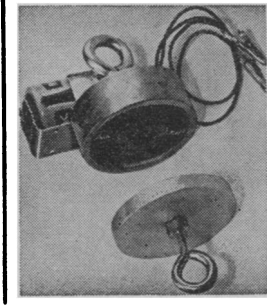
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