

Books of the Week

For the editorial information of our readers, books received for review since last week's issue 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. Request free publications direct from publisher, not from Science Service.

THE ADVENTURE OF LIGHT—Frank Jupio—Prentice-Hall, 60 p., illus. by author, \$2.95. A word-and-picture story of man's inventions of sources of light.

THE ARCHEOLOGY OF COASTAL NORTH CAROLINA—William G. Haag—La. State Univ. Press, 136 p., illus. paper, \$3. Reporting remains of prehistoric occupation in the Cape Hatteras area.

THE AUDUBON BOOK OF TRUE NATURE STORIES—John K. Terres, Ed.—Crowell, 294 p., illus. by Walter W. Ferguson, \$5. Collection of animal stories which originally appeared in Audubon Magazine.

AUTOMATIC MEASUREMENTS OF QUALITY IN PROCESS PLANTS—Society of Instrument Technology, foreword by Sir Harold Hartley—Academic, 320 p., illus., \$9.50. Proceedings of 1957 Conference.

THE BASIC AND CLINICAL RESEARCH OF THE NEW ANTIBIOTIC, KANAMYCIN—Maxwell Finland, Ed.—N.Y. Acad. of Sciences, Annals Vol. 76, Art. 2, 391 p., illus., paper, \$5

BIBLIOGRAPHY ON SOUTHWESTERN ASIA: V—Henry Field—Univ. of Miami Press, 275 p., paper, \$6. Titles of books and articles in the fields of anthropogeography and natural history listed alphabetically by author.

BIG MOLECULES—Sir Harry Melville—Macmillan, 180 p., illus., \$3.95. On the principles and practical uses of the chemistry of high polymers.

CAN INFLATION BE CONTROLLED?—Harold G. Moulton—Anderson-Kramer, 302 p., \$4.95. Reappraisal of the forces responsible for changes in the general level of commodity prices, and their probable trend.

CHEMICAL ENGINEERING AROUND THE WORLD

—Edgar L. Piret, Ed.—Am. Institute of Chemical Engineers, 507 p., illus., \$5. Surveys the field of chemical engineering outside the United States.

CURRENT CONCEPTS OF POSITIVE MENTAL HEALTH—Marie Jahoda, staff review by Jack R. Ewalt—Basic Bks. for Joint Commission on Mental Illness and Health, 136 p., \$2.75. Evaluation of the theoretical, experimental, and empirical evidence of the basis of mental health

THE DOCTOR BUSINESS—Richard Carter—Doubleday, 283 p., \$4. On the cost and supply of medical care and the role of organized medicine.

ECONOMICS OF MENTAL ILLNESS—Rashi Fein, staff review by Jack R. Ewalt—Basic Bks. for the Joint Commission on Mental Illness and Health, 164 p., \$3. The annual direct and indirect costs of mental illness are estimated to be upwards of \$2.4 billion.

ELEMENTS OF ENGINEERING STATICS—H. Deresiewicz—Columbia Univ. Press, 124 p., \$3.50. A basic one-semester course for engineering students.

EPOXY RESINS—Irving Skeist and George R. Somerville—Reinhold, 293 p., illus., \$5.50. Explains both the "how" and "why" of epoxy uses.

ESSENTIAL FATTY ACIDS—H. M. Sinclair, Ed.—Academic, 268 p., illus., \$9.50. Proceedings of the Fourth International Conference on Biochemical Problems of Lipids, Oxford 1957.

THE FAMILY HANDBOOK OF HOME NURSING AND MEDICAL CARE—I. J. Rossman and Doris R. Schwartz—Random House, 403 p., illus., \$4.95. A reference book on what to do after the doctor has gone.

FIELD TRIP GUIDEBOOK, ST. LOUIS MEETING, 1958—Thomas R. Beveridge and John C. Frye, Co-chairmen—Geological Soc. of Am., 46 p., illus. paper, \$1.

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Our Armed Forces—Margaret O. Hyde—Whitelsey House, 106 p., illus., \$3.50.

GEORGE WASHINGTON CARVER—Henry Thomas—Putnam, 126 p., illus. by Andre Le Blanc, \$2. Biography for young people.

GUIDED MISSILES: Operations, Design and Theory—Dept. of the Air Force, foreword by Lt. Gen. Charles T. Myers—McGraw, 575, p., illus., \$8. Basic knowledge on aerodynamics, propulsion, instrumentation and guidance systems.

HAMMOND'S PICTORIAL LIBRARY OF PETS PLANTS AND ANIMALS—E.L. Jordan—Hammond, 256 p., 362 paintings, \$7.50. A guide to America's cultivated plants and domestic animals.

HAND IN HAND: Fifty Years of Industry-Aided Selective Cooperative Education, 1908-1958—The Hand in Hand Book Committee, Alfred L. Dowden, Chairman, prefaces by Vannevar Bush and Karl Taylor Compton—Gordon & Co., 368 p., illus., \$10. Traces the development of industry-college cooperative engineering education.

INTRODUCTION TO METEOROLOGY—Sverre Pettersen—McGraw, 2nd ed., 327 p., illus., \$6.75. Revised textbook.

LISTENING POINT—Sigurd F. Olson—Knopf, 243 p., illus. by Francis Lee Jaques, \$4.50. A naturalist's observations in the Quetico-Superior country of the Canadian Shield.

LOOK FOR A BIRD'S NEST—Robert Scharff—Putnam, 96 p., illus. by Valerie Swenson, \$2.75. Teaches how to identify nests and tells how they are built.

LOW TEMPERATURE PHYSICS & CHEMISTRY—Joseph R. Dillinger, Ed.—Univ. of Wis. Press, 676 p. illus., \$6. Proceedings of the Fifth International Conference on Low Temperature Physics and Chemistry.

MAN THE MAKER: A History of Technology and Engineering—R. J. Forbes—Abelard-Schuman, 365 p., illus., \$5. Review of accomplishments in the field of discovery, invention, and engineering from prehistoric times to the present day.

MARINE ECOLOGY—Hilary B. Moore—Wiley, 493 p., illus., \$9.50. Review of ecology in relation to other sciences, with 28 p. of source material.

MASTER BRIDGE BUILDERS: The Story of the Roeblings—Kathryn E. Harrod—Messner, 192 p., illus., \$2.95. Biography of the father-son team that built Brooklyn Bridge.

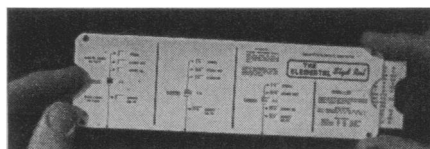
MESSAGES, MEN AND MILES: Electronic Communications—How They Work—Robert Wells

(Continued on p. 318)

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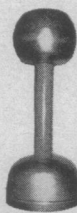
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Books of the Week

(Continued from p. 316)

—Prentice-Hall, 120 p., illus. by Frank Nicholas, \$2.95. Written by an engineer for young people.

MINERALOGY AND GEOLOGY OF RADIOACTIVE RAW MATERIALS—E. Wm. Heinrich—McGraw, 654 p., illus., \$14.50. Description of radioactive minerals and their sources, 57 p. of bibliography.

MINERALS YEARBOOK 1956, Vol. III: Area Reports—Bureau of Mines staff—Govt. Printing Office, 1292 p., \$4.25. Record of performance of the mineral industry by States.

MOMENTS OF DISCOVERY, Vol. I: The Origins of Science; Vol. II: The Development of Modern Science—George Schwartz and Philip W. Bishop, Eds., foreword by Linus Pauling—Basic Bks, 1002 p., illus., boxed set, \$15. Anthology of writings by outstanding scientists.

NUCLEAR ROCKET PROPULSION—R. W. Busard and R. D. Delauer—McGraw, 370 p., illus., \$10. Fundamental information of value to the research and development engineer.

PARTICLE: A Quarterly by and for Science Students, Vol. I, No. 1—Dunbar Aitken and Lloyd Prentice, Eds.—Dunbar Aitken, 16 p., illus., paper, 30c, \$1.20 annually. A forum for articles by high school and college science students.

PARKING—Geoffrey Baker and Bruno Funaro—Reinhold, 202 p., illus., \$9.50. Handbook for architects, engineers and town planners.

POISONS: Properties, Chemical Identification, Symptoms and Emergency Treatment—Vincent J. Brookes and Morris B. Jacobs—Van Nostrand, 2nd ed., 272 p., illus., \$6.50. For quick reference.

PREHISTORIC MAN IN EUROPE—Frank C. Hibben—Univ. of Okla. Press, 317 p., illus., \$4.95. Based on the notes of the late Vladimir Fekkes.

ROCKETS, MISSILES AND SATELLITES—Clayton Knight—Grosset, 61 p., illus., \$1.95. For young readers.

SATELLITE OF THE SUN: The Science of the Earth and Its Surroundings—Athenstan Spilhaus, introd. by Allen Tate—Viking, 119 p., photographs, \$3.50. An essay on geophysics for the non-scientific reader.

SMITHSONIAN INSTITUTION ANNUAL REPORT 1957—Leonard Carmichael, Secretary—Govt. Printing Office, 499 p., illus., \$4.50. Reports on cosmic rays, meteors, radio astronomy, pollen and spores, bamboo, red tide and stone age skull surgery.

Science News Letter, November 15, 1958

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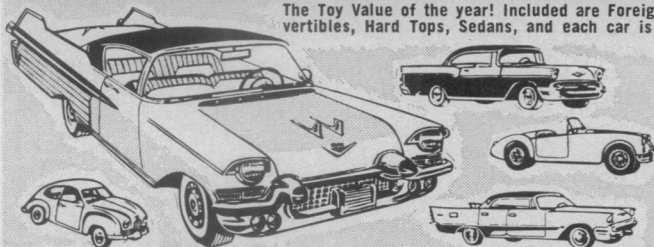
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