

# 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.

**THE A. R. R. L. ANTENNA BOOK**—Foreword by A. L. Budlong—*Am. Radio Relay League*, 9th ed., 320 p., illus., paper, \$2. Text on the theory and practice of antenna design for use by amateur radio operators.

**AMERICA'S FIRST WOMAN ASTRONOMER: MARIA MITCHELL**—Rachel Baker and Joanna Baker Merlen—*Messner*, 192 p., \$2.95. Biography for boys and girls.

**ARCHAEOLOGY IN THE HOLY LAND**—Kathleen M. Kenyon—*Praeger*, 326 p., illus., \$6.95. Account of how archaeologists have pieced together the history of Biblical civilizations.

**ASTRONOMY**—H. C. King—Watts, F., 256 p., illus. by T. Maloney, \$4.95. Clearly written and profusely illustrated text for the layman.

**THE BALANCE OF NATURE**—Lorus J. and Margery Milne—*Knopf*, 136 p., illus. by O. J. Murie, \$5. The constant battle for survival among the species.

**CHANCE, SKILL, AND LUCK: The Psychology of Guessing and Gambling**—John Cohen—*Penguin*, 201 p., illus., paper, 95¢. Analysis of those modes of behavior called "guessing."

**DARING YOUNG MEN IN THE FLYING MACHINES**—Helen Orlob—*Nelson*, 183 p., illus., \$3.25. Story of nine overwater flights that made aviation history.

**DIGGING UP AMERICA**—Frank C. Hibben—*Hill & Wang*, 239 p., photographs, \$5. Tells how modern science measures the antiquity of

unearthed objects and pieces together ancient cultures.

**EDISON EXPERIMENTS YOU CAN DO**—Marjorie Van de Water—*Harper*, 129 p., photographs by Fremont Davis, \$2.50. Shows young scientists how to perform experiments such as those that taught Thomas Alva Edison what he learned about electricity.

**ELECTRONICS AND NUCLEONICS DICTIONARY**—Nelson M. Cooke and John Markus—*McGraw*, 542 p., illus., \$12. Over 13,000 definitions of technical words, synonyms, and abbreviations currently used in these fields.

**ELIHU THOMSON: BELOVED SCIENTIST**—David O. Woodbury, appreciations by James R. Killian, Jr. and Owen D. Young—*Harvard Univ. Press (Museum of Science)*, 358 p., illus., \$6. Biography of the pioneer inventor.

**ENGINEERS UNLIMITED: Your Career in Engineering**—Harry Edward Neal—*Messner*, 192 p., photographs, \$3.50. Gives young people an idea of what they can expect to do in various engineering fields, and what preparation they should have.

**THE FIRST BOOK OF MEASUREMENT**—Sam and Beryl Epstein—*Watts, F.*, 60 p., illus. by W. Buehr, \$1.95. Presents scales and devices by which the world does its measuring.

**THE FIRST BOOK OF THE MEDITERRANEAN**—Gerald Gottlieb—*Watts, F.*, 60 p., illus. by Lili Rethi, \$1.95. The story of the Mediterranean Sea for boys and girls.

**FOOD FOR AMERICA'S FUTURE**—Firman E. Bear and others, foreword by B. B. Turner—*McGraw (Ethyl Corp.)*, 167 p., illus., \$3.95. View by agricultural experts of the country's future resources.

**THE HERITAGE OF MAN: A History of the World**—Goldwin Smith—*Scribner*, 881 p.,

illus., \$12.50. Stresses man's achievements in art, government, commerce, science, literature, philosophy and religion.

**HUMAN HEREDITY**—Ashley Montagu—*New Am. Lib.*, 364 p., illus., paper, 75¢. For the layman, study of inheritance and how it is affected by environment. A new edition brought up to date by inclusion of new material.

**HYPNOSIS IN TREATMENT**—William Moodie—*Emerson*, 168 p., \$4. Sets forth what hypnosis can do as a practical procedure in therapy for neuroses and psychosomatic ills.

**ICELAND: Impressions of a Heroic Landscape**—Alfred Nawrath, Sigurdur Thorarinnsson and Halldor Laxness—*Rand McNally*, 57 p., 40 color photographs, \$17.50. Superb photography and text intended to give an idea of Iceland's fantastic landscape.

**INTRODUCTION TO GEOLOGY (AN OUTLINE)**—Alfred Livingston Jr.—*N-P Pub.*, 55 p., illus., paper, \$3. Presents to the student the fundamental principles of geology.

**AN INTRODUCTION TO PSYCHOANALYTIC RESEARCH**—Kenneth Mark Colby—*Basic Bks.*, 117 p., \$3. For the beginning investigator.

**INTRODUCTION TO THE GAS TURBINE**—D. G. Shepherd—*Van Nostrand*, 2nd ed., 300 p., illus., \$7.75. Emphasis is put on the principles of the gas turbine, rather than on details.

**LAND OF THE PHAROHS**—Leonard Cottrell—*World Pub. Co.*, 127 p., illus. by R. M. Powers, \$2.95. Introduces boys and girls to ancient Egypt.

**LOWIE'S SELECTED PAPERS IN ANTHROPOLOGY**—Cora Du Bois, Ed., *Univ. of Calif. Press*, 509 p., \$10. Selection of essays by the pioneer ethnographer, with syllabus of seminar on his works.

**MAP MAKING: The Art That Became a Science**—Lloyd A. Brown—*Little*, 217 p., \$4.75. The story of maps and of the people who made them.

**MENTAL HEALTH IS EVERY DAY: Blondie Calendar 1961**—*N. Y. State Dept. of Mental Hygiene*, 16 p., illus., paper, single copies free upon request direct to publisher, 240 State St., Albany, N. Y.

**MICHELSON AND THE SPEED OF LIGHT**—Bernard Jeffe—*Doubleday*, 197 p., illus., paper, 95¢. Biography of the first American Nobel Prize winner in physics, 1907.

**OXFORD REGIONAL ECONOMIC ATLAS: The Middle East and North Africa**—Prepared by The Economist Intelligence Unit and Cartographic Dept. of Clarendon Press—*Oxford Univ. Press*, 135 p., 60 p. of maps, \$10; paper, \$5.95.

**PASTEUR AND MODERN SCIENCE**—Rene Dubos—*Doubleday*, 159 p., paper, 95¢. Microbiologist's readable account of the remarkable vision and discoveries of the great scientist.

**THE PROCESSES OF ONGOING HUMAN EVOLUTION**—Gabriel W. Lasker, Ed.—*Wayne State Univ. Press*, 108 p., \$3.75. Six essays presented at American Anthropological Association meeting at Mexico City, December, 1959.

**THE PSYCHOLOGY OF CRIME**—David Abrahamson—*Columbia Univ. Press*, 358 p., \$6. Psychiatrist reports on recent research findings in the field of criminal psychopathology, both in U. S. and Europe.

**RORSCHACH PSYCHOLOGY**—Maria A. Rickers—*(Continued on p. 287)*

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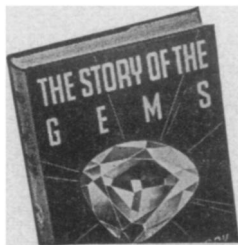
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**Books of the Week**

(Continued from p. 284)

Ovsiankina—Wiley, 483 p., \$8.50. Directed to theory-minded readers from the ranks of clinicians and general psychologists.

THE SOVIET CULTURAL OFFENSIVE: The Role of Cultural Diplomacy in Soviet Foreign Policy—Frederick C. Barghoorn—Princeton Univ. Press, 353 p., \$7.50. Thorough examination of Soviet foreign policy techniques, such as the complex amalgam of propaganda, deception, and sometimes mutually profitable transactions with non-Soviet states.

THE STORY OF MAN—Michel Lacre—Grosset, unpagd, illus. by Pierre Leroy, \$2.95. Large-format picture book.

SYMPOSIUM ON AIR POLLUTION CONTROL—M. D. Thomas and others—Am. Soc. for Testing Materials, 44 p., \$1.50. Emphasis is put on the problems of the San Francisco Bay area.

SYNTHETIC INORGANIC CHEMISTRY—William L. Jolly—Prentice Hall, 196 p., illus., \$8. To accompany a text for courses in preparatory inorganic chemistry, including experiments.

U. S. MAIL: The Story of the United States Postal Service—Arthur E. Summerfield, as told to Charles Hurd—Holt, Rinehart & Winston, 256 p., illus., \$5. A readable, documentary account.

ULTRASONICS—Benson Carlin—McGraw, 2nd ed., 309 p., illus., \$11.50. Stresses engineering application and practical equipment design rather than theory.

THE UNCONSCIOUS BEFORE FREUD—Lancelot Law Whyte—Basic Bks., 219 p., \$4.50. A study in the development of human awareness of consciousness and of mental processes not directly conscious.

THE WATERSHED: A Biography of Johannes Kepler—Arthur Koestler, foreword by John Durston—Doubleday, 280 p., illus., paper, 95¢. This biography of the great astronomer is taken from author's 1959 book "The Sleepwalkers."

WHAT IS CYBERNETICS?—G. T. Guilbaud, transl. from French by Valerie MacKay—Grove, 126 p., illus., paper, \$1.45. Non-mathematical book explaining this new school of thought about the organization of action.

WONDER-WORKERS OF THE INSECT WORLD—Hiram J. Herbert, foreword by Lucy W. Clausen—Dutton, 160 p., illus. with drawings by R. Gartland, \$3. For young readers, close-ups of the life cycles of 14 insects, each representative of its species.

THE WONDERS I SEE—John K. Terres—Lippincott, 256 p., illus. with drawings by W. Ferguson, \$5. Informative insights into the habits of birds, animals and insects.

• Science News Letter, 78:284 October 29, 1960

**Questions**

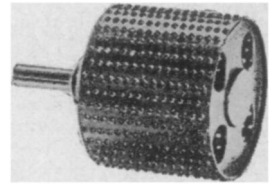
**MEDICINE**—How many percent of reportable cancer cases in Connecticut are leukemia? p. 275.

**ROCKETS AND MISSILES**—What purpose will a four-inch disk on the Ranger satellite serve? p. 279.

**SEISMOLOGY**—How many years has movement of the underlying rock of the San Andreas fault taken place? p. 280.

Photographs: Cover, General Electric Company; p. 275, column 1 & 2: F. C. Livingstone, column 3: Harvard University; p. 277, Smithsonian Institution; p. 278, Pitney Bowes, Inc.; p. 279, National Aeronautics and Space Administration; p. 282, U. S. Navy; p. 286, Mirawal Div., Birdsboro Corp.

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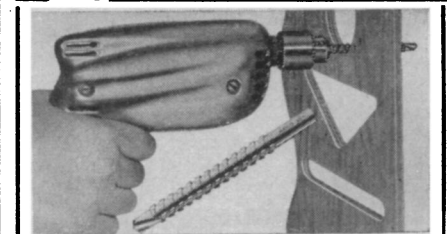
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