

Books of the Week

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ABOUT THE KINSEY REPORT: Observations by 11 Experts on "Sexual Behavior in the Human Male"—Donald Porter Geddes and Enid Curie, Eds.—*New American Library*, 166 p., paper, 25 cents. Comments by representatives of various fields of the social sciences.

ASTM MANUAL OF ENGINE TEST METHODS FOR RATING FUELS—*American Society for Testing Materials*, 320 p., illus.,

A Fascinating Book About the World of Gems

POPULAR GEMOLOGY

By **Richard M. Pearl**
Assistant Professor of Geology, Colorado College



Packed with interesting information

Written in an interesting, easy-to-read style, this book presents the most recent accurate knowledge of gems. The author discusses the scientific and industrial uses of gems, both natural and artificial. He gives current information about their locality and production, as well as the recent developments in commerce brought about by the war.

POPULAR GEMOLOGY contains a separate chapter on the important subject of *fluorescence*; also a special chapter on *quartz* and the *other silica gems*.

Over 100 photographs and drawings 1948 316 pages \$4.00
Copies obtainable on approval

JOHN WILEY & SONS, INC.
440 Fourth Ave., New York 16, N. Y.

\$8.00. Valuable reference book for engineers.

ANIMAL BIOLOGY—Michael F. Guyer—*Harper*, 4th ed., 780 p., illus., \$4.50. A text which recognizes that the student is interested in recognizing and knowing something about living animals.

BIOLOGY OF PATHOGENIC FUNGI—Walter J. Nickerson, Ed.—*Chronica Botanica*, 236 p., illus., \$5.00. Dealing with the biological background necessary for the solution of practical medical problems.

THE CAVES OF TEXAS—Charles E. Mohr, Ed.—*National Speleological Society*, 137 p., illus., paper, \$2.00. Of interest to those who like zoology, geology, photography or just adventure.

THE EARTH AND ITS RESOURCES: A Textbook for Courses in Physical Geography and Earth Science—Vernor C. Finch, Glenn T. Trewartha and M. H. Shearer—*McGraw-Hill*, 2d ed., 584 p., illus., \$3.20. Basic to an understanding of the problems of conservation is a knowledge of natural resources. A high-school text.

THE ELECTRON MICROSCOPE: Its Development, Present Performance and Future Possibilities—D. Gabor—*Chemical Publishing Co.*, 164 p., illus., \$4.75. A book by a British author intended for the guidance of those who use this microscope. Includes a note on the proton microscope.

HEMORRHAGE—Gregory Schwartzman and others—*New York Academy of Sciences*, 178 p., illus., paper, \$3.00. A series of papers resulting from a conference on hemorrhage.

HYDRAULIC RESEARCH IN THE UNITED STATES—Florence L. Bain, Ed.—*National Bureau of Standards*, 199 p., paper, may be obtained without charge by hydraulic laboratories, libraries, accredited hydraulic engineers by requesting direct from the Chief, National Hydraulic Laboratory, National Bureau of Standards, Washington 25, D. C.

INTRODUCTION TO MEDICAL PSYCHOLOGY—L. Erwin Wexberg—*Grune & Stratton*, 171 p., \$3.50. Intended, not for psychologists, but for the general physician who needs to understand his patients.

MEDICAL RESEARCH IN WAR—Medical Research Council (British)—*British Information Services*, 455 p., paper, \$2.35 (approx.). Reporting a wide variety of researches in civilian as well as military medicine and nutrition.

RADAR: What Radar Is and How It Works—Orrin E. Dunlap, Jr.—*Harper*, rev. ed., 268 p., illus., \$3.00. A popularly written account by a vice-president of RCA.

TEXTBOOK OF CHEMISTRY—Albert L. Elder, Ewing C. Scott and Frank A. Kanda—*Harper*, rev. ed., 758 p., illus., \$4.50. Intended for those students who intend to become scientists.

UNDERSTANDABLE PSYCHIATRY—Leland E. Hinsie—*Macmillan*, 359 p., \$4.50. The author believes that the maintaining or restoring of health requires an intelligent partnership between physician and patient. This book is intended for both partners.

Science News Letter, June 12, 1948

PHYSICS

New Clue to Cosmic Rays May Solve Many Mysteries

DISCOVERY that primary cosmic rays consist of less than four percent electrons may be an important new clue toward solving several of the mysteries of these powerful rays which bombard the earth from outer space.

Massachusetts Institute of Technology scientists reported the discovery in experiments which included ray-counting flights in a B-29 airplane.

Major component of cosmic radiation is now believed to be protons, the hearts of hydrogen atoms.

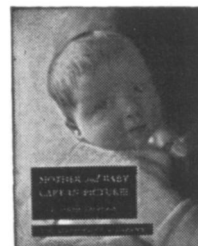
The new findings may help explain not only the composition of cosmic rays but also where they come from.

Dr. Bruno Rossi and Robert I. Hulsizer, Jr., conducted the research which was supported in part by the Office of Naval Research.

Science News Letter, June 12, 1948

Expecting?
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