

Books of the Week

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APPLICATION OF GEOLOGY TO ENGINEERING PRACTICE: Berkey Volume—Sidney Paige, Chairman—*Geological Society of America*, 327 p., illus., \$2.75. A series of papers by specialists in various fields prepared for a symposium in honor of Dr. Charles Peter Berkey.

ATOMS AT WORK: A Preview of Science—George P. Bischof—*Harcourt, Brace*, 130 p., illus., \$2.25. A book for children by a high school teacher explaining basic principles of atomic activity. Includes simple experiments.

AUTO REPAIR KINKS—Bill Toboldt—*Goodheart-Willcox Co.*, 224 p., illus., \$3.00. A pocket manual for the mechanic by the editor of *Motor Service Magazine*.

CANCER AS I SEE IT—Henry W. Abelmann—*Philosophical Library*, 100 p., \$2.75. Arguments for the author's theory that cancer has a germ-virus nature.

THE ELEMENTS OF MATHEMATICAL LOGIC—Paul C. Rosenbloom—*Dover*, 214 p., \$2.95. Intended for readers who are "mature mathematically."

ESSAYS ON LOGIC AND LANGUAGE—Antony Flew, Ed.—*Philosophical Library*, 206 p., \$3.75. A collection of philosophical essays on the linguistic movement previously available only in journals.

FASTENING METHODS FOR ALUMINUM—*Reynolds Metals Company*, 136 p., illus., paper, free upon request by anyone seriously interested direct to publisher, 2500 So. Third St., Louisville 1, Ky. How to make joints with metal stitching, rivets, screw fasteners and many other methods.

THE FOLKLORE OF SEX—Albert Ellis—*Boni*, 313 p., \$5.00. The author deduces American attitudes toward sex from a study of expressions in newspapers, magazines, radio, movies, plays, songs, books and other forms of "mass media." The book is enlivened with lavish quotations.

GEOGRAPHY IN THE TWENTIETH CENTURY: A Study of Growth, Fields, Techniques, Aims and Trends—Griffith Taylor, Ed.—*Philosophical Library*, 630 p., illus., \$8.75. The work of 20 authors, each a specialist in the section he writes on. An interesting chapter deals with Geopolitics and Geopacifics.

AN INTRODUCTION TO PSYCHOLOGY—Gardner Murphy—*Harper*, 583 p., illus., \$4.25. A textbook for beginning students in this science with a uniform presentation utilizing a viewpoint derived from the study of personality.

INVESTIGATION OF FAILURES OF WHITE-COAT PLASTER—Lansing S. Wells, Walter F. Clarke, Edwin S. Newman, and Dana L. Bishop—*Govt. Printing Office*, 42 p., illus., paper, 25 cents. Building Materials and Structures Report 121. Technical report of an investigation to determine why blisters or bulges form in the finish coat of plaster.

ISAAH BOWMAN—Gladys M. Wrigley—*American Geographical Society*, 59 p., illus., paper, 50 cents. A brief biography written as a memorial. (Correction of publisher.)

JACOBIAN ELLIPTIC FUNCTION TABLES—L. M. Milne-Thomson—*Dover*, 132 p., \$2.45. Intended as a practical tool for the user of elliptical functions. Major part of the book consists of tables.

THE MAIN STREAM OF MATHEMATICS—Edna E. Kramer—*Oxford*, 321 p., illus., \$5.00. An account, mainly for the layman, of the history and legends of mathematics with answers to such questions as: How does the H-bomb indicate that 2 plus 2 does not always equal 4? and How can playing poker help to win hot or cold wars?

MODERN BIOLOGY—Truman J. Moon, Paul B. Mann, and James H. Otto—*Holt*, Rev. ed., 698 p., illus., \$3.96. A text for the secondary school pupil with no previous scientific study of plants, animals or man.

MODERN CHEMISTRY—Charles E. Dull, William O. Brooks and H. Clark Metcalfe—*Holt*, Rev. ed., 564 p., illus., \$3.40. An all-purpose textbook for secondary schools revised from one originally written by the late Charles E. Dull.

MODERN PHYSICS—Charles E. Dull, H. Clark Metcalfe and William O. Brooks—*Holt*, Rev. ed., 609 p., illus., \$3.48. A high-school text with the emphasis on developments of the last few years now necessities of modern living.

NATURE AND HUMAN NATURE: Man's New Image of Himself—Lawrence K. Frank—*Rutgers University Press*, 175 p., \$3.00. An attempt to show how a new way of thinking about man as a part of nature may aid in meeting the present difficulties of humanity.

THE PHYSICAL NATURE OF FLIGHT—Ray Holland, Jr.—*Norton*, 287 p., illus., \$4.00. Explaining for laymen the physical laws on which flight is based.

NEWS REPORT, VOL. I, No. 1—*National Academy of Sciences and National Research Council*, 20 p., paper, \$2.00 per year. An information bulletin published bimonthly concerning current activities of the two organizations.

QUANTITATIVE ANALYSIS: A Theoretical Approach—William Rieman, III, Jacob D. Neuss, and Barnet Naiman—*McGraw-Hill*, 3rd ed., 523 p., illus., \$5.00. This new edition is revised and enlarged but the modern theoretical approach is retained.

A ROYAL HEAD FROM ANCIENT EGYPT—George Steindorff—*Freer Gallery of Art*, 30 p., illus., paper, 75 cents. Detailed study of a fragment of a statue depicting the fine head of a young king.

RUSSIAN-OLIVE: For Wildlife and Good Land Use—A. E. Borell—*Govt. Printing Office*, 8 p., illus., paper, 5 cents. Leaflet No. 292, Dept. of Agriculture. Describing the cultivation of a plant for wildlife cover and feed.

SCIENCE MARCHES ON—James Stokley—*Ives Washburn*, 331 p., \$3.75. Edited out of the scripts of 50 of the General Electric Company's Science Forum programs.

SCIENCE RUSSIAN COURSE—Maximilian Fourman—*Chemical Publishing Co.*, 274 p., \$5.00. Contains the necessary minimum of grammar for reading Russian science reports with a scientific vocabulary and a series of extracts for practice from Russian scientific journals.

TELLING AMERICA'S STORY ABROAD: State Department's Information and Educational Exchange Program—Department of State—*Govt. Printing Office*, 28 p., illus., paper, 15 cents.

A TEXTBOOK OF GEOLOGY—Robert M. Garrels—*Harper*, 511 p., illus., \$5.00. A textbook written to embody the scientific method, alternating the approach to and solution of a problem through investigation with the application of conclusions.

THIRTY-THIRD ANNUAL REPORT OF THE NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS, 1947—*Govt. Printing Office*, 627 p., illus., \$4.50. First publication of technical reports Nos. 863-891 withheld from the public during the war years.

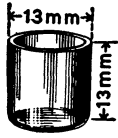
VALVE AND CIRCUIT NOISE: A Survey of Existing Knowledge and Outstanding Problems—R. E. Burgess and others—*Department of Scientific and Industrial Research, (British Information Services)*, 19 p., paper, 25 cents. Deals not only with noise in vacuum tubes and electronic circuits, but also noise in photoelectric cells, semi-conductors, and magnetic field devices.

A WATER POLICY FOR THE AMERICAN PEOPLE: Summary of Recommendations—Water Resources Policy Commission—*Govt. Printing Office*, 18 p., illus., paper, 15 cents. Giving a concise idea of the contents of the huge three-volume report of the Commission.

WHAT YOU SHOULD KNOW ABOUT BIOLOGICAL WARFARE—Federal Civil Defense Administration—*Govt. Printing Office*, 30 p., paper, 10 cents. Telling authoritatively what diseases an enemy might try to spread and how to protect yourself.

Science News Letter, March 31, 1951

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