

# Books of the Week

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**CARVED BILLFOLD DESIGNS**—Raymond Cherry—*McKnight*, 31 p., illus., paper, \$1.00 Outline designs in actual size, each accompanied by photograph of finished billfold. For use of hobbyists.

**THE CLEVER COYOTE**—Stanley P. Young and Hartley H. T. Jackson—*Stackpole*, 411 p., illus., \$6.50. History, zoological classification, habits and control of this little wolf that has managed to extend its range despite the merciless warfare of man.

**CORALS OF THE DEVONIAN TRAVERSE GROUP OF MICHIGAN: Part IV, Billingsstrea**—George M. Ehlers and Erwin C. Stumm—*University of Michigan Press*, 9 p., illus., paper, 50 cents.

**CRYSTALLINE ROCKS OF SOUTHWESTERN CALIFORNIA**—Esper S. Larsen, Jr., Donald L. Everhart and Richard Merriam—*California Division of Mines*, Bulletin 159, 136 p., illus., \$3.00. These rocks are of great economic importance because of their influence on the deposition of minerals, including gold.

**A DECISION METHOD FOR ELEMENTARY ALGEBRA AND GEOMETRY**—Alfred Tarski with J. C. C. McKinsey—*University of California Press*, 2d ed. rev., 63 p., paper, \$2.75. "A decision method," writes the author, "must be like a recipe, which tells one what to do at each step so that no intelligence is required to follow it and the method can be applied by anyone so long as he is able to read and follow directions.

**THE DILEMMA OF THE PALEONTOLOGIST**—E. C. Case—*University of Michigan Press*, 42 p., paper, 75 cents. Showing that much of the work done upon fossils has been based on attempts to apply the laws of neobiology to organisms represented by only a fraction of their anatomy.

**EXPERIMENTS IN BIOCHEMISTRY**—Max S. Dunn and William Drell—*McGraw-Hill*, 197 p., \$5.00. Laboratory guide and reference book for beginning students.

**FIRST SUPPLEMENT, RECEIVING TUBE SUBSTITUTION GUIDE BOOK**—H. A. Middleton—*Rider, J. F.*, 44 p., paper, 99 cents. Information on how to use tubes you have to replace those no longer available. About 750 new substitutions are listed.

**FLOWERING TREES OF THE CARIBBEAN: 30 Paintings**—Bernard and Harriet Pertchik—*Rhinohart*, 125 p., illus., \$10.00. The breath-taking beauty of tropic gardens is caught in these fine paintings. Each is accompanied by an informative description.

**FRONTIERS IN MEDICINE: The March of Medicine, 1950**—*Columbia University Press*, No. XV of The New York Academy of Medicine Lectures to the Laity, 150 p., \$2.50. These popular lectures, some followed by selective bibliographies, discuss psychiatry, old age, genetics, artificial organs, antibiotics, and medical research, giving authoritative information in everyday language.

**GEOLOGY OF THE MASSIVE SULFIDE DEPOSITS AT IRON MOUNTAIN, SHASTA COUNTY, CALIFORNIA**—A. R. Kinkel, Jr., and J. P. Albers—*California Division of Mines*, 19 p., illus., paper, 75 cents. Based on detailed surface and underground mapping at the Iron Mountain mine. All the ore contains some copper and zinc.

**GEOLOGY OF THE SALINE DEPOSITS, BRISTOL DRY LAKE, SAN BERNARDINO COUNTY, CALIFORNIA**—Hoyt S. Gale—*California Division of Mines*, 24 p., illus., paper, 35 cents. The substances accumulated in Bristol Basin, deposited by the infrequent storm waters, include: gypsum, salt, calcium chloride and celestite.

**HYDRAULIC FILLING IN METAL MINES**—William Ewart Lightfoot—*California Division of Mines*, 28 p., illus., paper, 50 cents. Experience has recently proved this to be an important means of reducing mining cost as well as a way of providing support.

**INTERNAL CONSTITUTION OF THE EARTH**—Beno Gutenberg, Ed.—*Dover*, 2d ed., 439 p., illus., \$6.00. A helpful reference work written by eleven authorities for scientists, engineers and students.

**LENSES IN PHOTOGRAPHY: The Practical Guide to Optics for Photographers**—Rudolf Kingslake—*Garden City Books*, 246 p., illus., \$2.95. Of interest to professional photographers and serious amateurs.

**THE MAKING, SHAPING AND TREATING OF STEEL**—J. M. Camp and C. B. Francis—*United States Steel Company*, 6th ed., 1584 p., illus., \$7.50 (\$5.00 to schools and colleges). A comprehensive summary of past and present practices in the iron and steel industry.

**MODERN SCIENCE: Book III**—H. Webb and M. A. Grigg—*Cambridge*, 188 p., illus., \$1.00. This British elementary science text is planned to give the pupil "a liberal education in the scientific affairs of everyday life" and includes many experiments under the headings, "Finding Direction," "Electricity," and "Biology."

**NORTH AMERICAN FIREFLIES OF THE GENUS PHOTURIS**—Herbert Spencer Barber—*Smithsonian*, 58 p., paper, 50 cents. The author had almost completely finished the manuscript before his death in 1950, but Frank A. McDermott edited it and added a preface. It is based on observations made in and around Washington, D. C.

**ON UNDERSTANDING SCIENCE: An Historical Approach**—James B. Conant—*New American Library*, 144 p., illus., paper, 35 cents. To help the layman understand how science affects his daily life. Originally published by Yale University Press.

**OSTRACODS OF THE FAMILY HOLLINIDAE FROM THE BELL SHALE OF MICHIGAN**—Robert V. Kesling and Gordon W. McMillan—*University of Michigan Press*, 36 p., illus., paper, 75 cents. The report includes three new genera and 15 new species.

**PALEONTOLOGY AND MODERN BIOLOGY**—David Meredith Seares Watson—*Yale University Press*, 216 p., illus., \$4.00. Fossils promise to contribute to the understanding of evolution by presenting the actual history of the development of some animals. These Silliman Memorial Lectures present actual evolutionary series.

**PREFACE TO EUGENICS**—Frederick Osborn—*Harper*, rev. ed., 333 p., illus., \$4.00. East and West have different population problems, the author points out. In the East, the problem is one of numbers. In the West it is how to preserve the quality of the people.

**PROCEEDINGS: Vol. 60, 1950**—Alton A. Lindsey, Ed.—*Indiana Academy of Science*, 350 p., illus., paper, \$3.00. Papers and abstracts presented at the spring meeting.

**PROCEEDINGS OF A SECOND SYMPOSIUM ON LARGE-SCALE DIGITAL CALCULATING MACHINERY: Jointly Sponsored by the Navy Department Bureau of Ordnance and Harvard University at the Computation Laboratory 13-16 September 1949**—*Harvard University Press*, 393 p., illus., \$8.00. Summarizing recent and current developments.

**THE SOVIET SUGAR INDUSTRY AND ITS POSTWAR RESTORATION**—Vladimir P. Timoshenko—*Stanford University*, 53 p., paper, 50 cents. Apparently production is not yet back to the pre-war level; attempts at increased mechanization conflict with a system of personal responsibility which formerly helped increase yields of sugar beets.

**A SQUINT-EYE VIEW OF AMERICA**—No-Yong Park—*Meador Publishing Co.*, 148 p., \$2.50. A scholar of Korean parentage and Manchurian birth gives his humorous Oriental impressions of a land and people about which he is enthusiastic although he is surprised and amused by the American's big feet, tight necktie, and hairy chin.

**THINK YOURSELF THIN: The New Mental Outlook to Help You Lose Weight**—Thyra Samter Winslow—*Abelard*, 345 p., \$2.50.

**TUMACACORI'S YESTERDAYS**—Earl Jackson—*Southwestern Monuments Association*, 96 p., illus., paper, 75 cents. Describing the colorful history of a famous old Spanish mission, now a National Monument.

**TYPE MORENO FORMATION AND OVERLYING EOCENE STRATA ON THE WEST SIDE OF THE SAN JOAQUIN VALLEY, FRESNO AND MERCED COUNTIES, CALIFORNIA**—Max B. Payne—*California Division of Mines*, 29 p., illus., paper, 60 cents. Detailed study of an area which contains a great thickness of well exposed fossiliferous, marine strata of uppermost Cretaceous and Eocene Age.

Science News Letter, December 15, 1951

Lace-making is an important industry in the Philippines.

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