

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 ART OF ARCHITECTURE—Sir Albert Richardson and Hector O. Corfiato—*Philosophical Library*, 3d ed., 663 p., illus., \$25.00. Stressing the relation of architectural history to the principles of design. This edition has been completely revised and enlarged to include important buildings not generally known. A wealth of photographs is included.

ATOMIC ENERGY IN CANADA—Clyde C. Kennedy—*Atomic Energy of Canada, Ltd.*, Revised ed., 95 p., illus., paper, \$1.00. Describing the work being done at Canada's Chalk River plant, and the reactors now in operation and those planned for the near future. Includes a section on the "ABC's" of atomic energy.

AUTOMOBILE FACTS AND FIGURES—*Automobile Manufacturers Association*, 36th ed., 80 p., illus., paper, free upon request direct to publisher, New Center Building, Detroit 2, Mich. Containing tables, charts and other current information on the automotive and related industries.

CHALLENGE OF THE ANDES: The Conquest of Mount Huantsan—C. G. Egeler in cooperation with T. de Booy, translated from the Dutch by W. E. James — *David McKay*, 203 p., illus., \$4.50. The story, told by two geologists, of the climb up a 21,000-foot peak in the Peruvian mountains, accompanied by a French Alpinist and veteran of Annapurna.

CHROMIUM: Volume II, Metallurgy of Chromium and Its Alloys—Marvin J. Udy—*Reinhold*, American Chemical Society Monograph Series, 402 p., illus., \$11.00. Discussing the recovery of chromium from its ores, the physical properties of this metal and its use as a refractory.

ENGINEERING INSPECTION, MEASUREMENT AND TESTING—H. C. Town and R. Colebourne—*Philosophical Library*, 192 p., illus., \$8.75. For students in technical colleges, and engineers engaged in precision measurement.

EXPLORING THE UNIVERSE—Roy A. Gallant—*Garden City Books*, 62 p., illustrated by Lowell Hess, \$2.00. Tracing for young people beliefs about the heavens that have been held by philosophers and astronomers, and explaining present-day knowledge of our universe.

THE FIRST BOOK OF THE ANTARCTIC—Capt. J. B. Icenhower—*Franklin Watts*, 68 p., illus. with drawings by Rus Anderson, \$1.95. The author was a member of the U. S. Navy's Antarctic expedition of 1946-47, during the course of which he was in command of the only submarine to cross the Antarctic circle.

FUNDAMENTAL CONCEPTS OF HIGHER ALGEBRA—A. Adrian Albert—*University of Chicago Press*, 165 p., \$6.50. Presenting the fundamental concepts of modern algebra needed for a clear understanding of the place of finite field theory in modern mathematics.

HOSPITAL IN ACTION: The Story of the Michael Reese Medical Center—Lucy Freeman—*Rand McNally*, 302 p., illus., \$5.00. Describing the important work done in a fine modern hospital, Michael Reese in Chicago.

ILLUSTRATED GUIDE TO TREES AND SHRUBS: A Handbook of the Woody Plants of the Northeastern United States and Adjacent Regions—

Arthur Harmount Graves—*Harper*, revised ed., 271 p., illus., \$6.00. Intended to serve as a field guide to all woody plants—trees, shrubs or vines—both wild and cultivated.

PICTORIAL ASTRONOMY—Dinsmore Alter and Clarence H. Clemminshaw—*Crowell*, revised ed., 310 p., illus., \$5.95. Written for the layman, this book is also suitable as a text for high-school students or for a short cultural college course. New material has been added to bring the work up to date.

RATTLESNAKES: Their Habits, Life Histories, and Influence on Mankind—Laurence M. Klauber—*University of California Press*, 2 vols., 1476 p., illus., \$17.50. An encyclopedia of the rattlesnake. Seeking to disentangle rattlesnakes as they are from rattlesnakes as people imagine them to be.

REAUMUR'S MEMOIRS ON STEEL AND IRON: A Translation from the Original Printed in 1772—Anneliese Grunhaldt Sisco with an introduction and notes by Cyril Stanley Smith—*University of Chicago Press*, 396 p., 17 plates, \$6.00. The first book devoted to iron and steel, the first description of the hitherto secret art of changing iron into steel, and announcement of a new art, the making of malleable cast iron.

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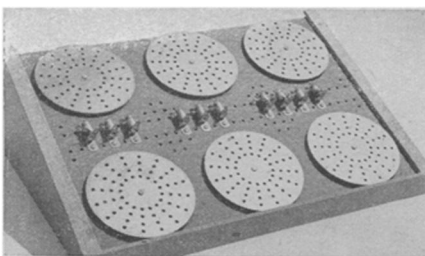
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