

• First Glances at New Books

Reference

A PICTURE DICTIONARY FOR CHILDREN—Garnette Watters and S. A. Curtis—*Grosset & Dunlap*, 478 p., \$1. An excellent idea for home education, and for school use, too, is this dictionary for children of first to third grade ages. The two educators who planned it have chosen 4,832 words and their variants to present in large print and script. Each word is illustrated with a sentence and usually a picture.

Science News Letter, June 10, 1939

Medicine

MANUAL OF TOXICOLOGY—Forrest R. Davison—*Harper*, 241 p., \$2.50. A concise and practical manual for medical students and practicing physicians.

Science News Letter, June 10, 1939

Anthropology

DEZBA, Woman of the Desert—Gladys A. Reichard—*Augustin*, 161 p., \$3. An anthropologist translates Navajo culture into the narrative terms of a family's experiences. One son comes under influences of white civilization and education, and meets the problem of fitting together old ways and new.

Science News Letter, June 10, 1939

Geography

BEAUTIFUL HAWAII—J. Walker McSpadden—*Crowell*, 220 p., \$2.50. An informal guidebook, pleasantly discussing what to see and why and how, including some of the less-frequented sights of the islands.

Science News Letter, June 10, 1939

Anthropology

INDIAN OASIS—Janette Woodruff as told to Cecil Dryden—*Caxton*, 325 p., \$3. A really delightful book of reminiscence awaits the reader, behind a vague-sounding title. Open at any page, and you find your attention caught by amusing or pathetic, but always human, adventures of a matron in Indian boarding schools of the West.

Science News Letter, June 10, 1939

Physics

FIRST REPORT ON VISCOSITY AND PLASTICITY, 2d ed.—Comm. for the Study of Viscosity of the Academy of Sciences at Amsterdam—*Nordemann*, 273 p., \$7.

Science News Letter, June 10, 1939

Chemistry

PROTECTIVE COATINGS FOR METALS—R. M. Burns and A. E. Schuh—*Reinhold*, 407 p., \$6.50. This is the newest addition to the American Chemical Society's monograph series, prepared by

scientists of two great industrial research laboratories. The usefulness of various plating materials and paint are the two main topics of the book.

Science News Letter, June 10, 1939

Metallurgy

THE TECHNICAL ANALYSIS OF ORES AND METALLURGICAL PRODUCTS—Franklin G. Hills—*Chemical Pub. Co.*, 250 p., \$3. Compact book of value not only to the metallurgical chemist but to the engineers who may have occasion to make ore analysis. Each chapter covers the analysis of some different chemical element in ore.

Science News Letter, June 10, 1939

Mathematics

COMMERCIAL ALGEBRA—Isaiah Leslie Miller and Clarence H. Richardson—*Van Nostrand*, 165 p., \$1.80. Algebra for industry might well be the secondary title of this book, which is designed for the fourth year of high school or the first year of college. It presupposes at least one year's study of algebra. Its problems would merit attention by other technical writers in this subject because of their practical immediately-apparent interest.

Science News Letter, June 10, 1939

Sport

THE NEW ARCHERY—Paul H. Gordon—*Appleton-Century*, 423 p., \$3.50. This book might well have been titled *The Complete Archer*, Bowyer and Fletcher, for it not only gives the minutest directions for the sport of archery itself but tells how to make one's own bows and arrows—which is the surest way to an understanding and appreciation of them.

Science News Letter, June 10, 1939

Physics

MODERN MAGNETISM—L. F. Bates—*Cambridge (Macmillan)*, 340 p., \$4.50. An advanced text on magnetism written with typical British thoroughness. It places the emphasis on the experimental viewpoint rather than the customary theoretical aspects.

Science News Letter, June 10, 1939

Engineering

ENGINEERING OPPORTUNITIES—R. W. Clyne, ed.—*Appleton-Century*, 397 p., \$3. Twenty-six fields of industry are described primarily for young men who are picking out their fields of engineering, but the comments and explanations of the specialists from industry who write the chapters provide a broad summary of modern technology.

Science News Letter, June 10, 1939

Botany

ORCHIDS OF MICHIGAN—Marjorie T. Bingham—*Cranbrook Institute of Science*, 87 p., illus., cloth \$1.50, paper \$1. A book for the lover of our native orchids. The identifying key is in non-technical language, and the discussions of the species, in plain English also, include esthetic considerations and possibilities of cultivation as well as botanical and distributional points.

Science News Letter, June 10, 1939

Medicine

MANUAL OF FRACTURES AND DISLOCATIONS—Barbara Bartlett Stimson—*Lea & Febiger*, 214 p., \$2.75. Illustrated handbook for medical students by a member of the staff of the Fracture Service at Columbia-Presbyterian Medical Center.

Science News Letter, June 10, 1939

Medicine

PRINCIPLES OF HEMATOLOGY—Russell L. Haden—*Lea & Febiger*, 348 p., \$4.50. A text which seeks to simplify and clarify, for medical students and practicing physicians, the facts they need to know about blood disorders, omitting the rarer disorders which the author believes the average physician should refer to a special student of the blood.

Science News Letter, June 10, 1939

Ornithology

BIRDS—Gayle Pickwell—*Whittlesey*, 252 p., \$3.50. A new book in the series, of which *Weather* and *Deserts* have already been mentioned on this page. This book is quite up to the high mark in photographic illustration set by its two forerunners. The text is good popular ornithology, entertainingly written.

Science News Letter, June 10, 1939

Zoology

REPTILES AND AMPHIBIANS—Federal Writers' Project—*Whitman*, 253 p., \$2.25. The choicest reptile and amphibian photographs were collected from many sources for this book. Text descriptions are brief and popularly written, and include interesting out-of-the-way facts in addition to the customary standard zoological information.

Science News Letter, June 10, 1939

Architecture—Horticulture

GARDEN PLANNING AND BUILDING—H. Stuart Ortloff and Henry B. Raymore—*Whittlesey*, 244 p., \$3. Detailed directions and specifications for the laying out and construction of all types of ornamental plantings, well illustrated with ground plans and perspective sketches.

Science News Letter, June 10, 1939