

• First Glances at New Books

Geography

THE MATTHEWS-NORTHRUP NEW INTERNATIONAL ATLAS AND ILLUSTRATED GAZETTEER—*Blue Ribbon Books*, 264 p., \$2.49. Maps are up to date, well laid out, cleanly printed; the text is concise and enlivened with appropriate line illustrations, as are also the statistical graphs; there are 90 five-column pages in the gazetteer. All round, a most satisfactory general atlas.

Science News Letter, December 11, 1937

Economics

REGIONAL PLANNING. PART V: RED RIVER OF THE NORTH — National Resources Committee—*Govt. Print. Off.*, 80 p., 25 c. Special problems of a river valley that is one of the richest agricultural provinces of the country but which also has its own difficulties; with recommendations on what to do about it all.

Science News Letter, December 11, 1937

Natural History, Juvenile

THE FIND OUT BOOK, Vol. 2—Comp. under the direction of Mary Watson Hyman—*Univ. of North Carolina*, 157 p., \$1. Straight facts about animals and plants, simply and attractively told for the youngest group of readers, and enlivened with very nice colored illustrations.

Science News Letter, December 11, 1937

Ornithology

CROOKED-BILL: THE LIFE OF A QUAIL — I. H. Johnston—*Dorrance*, 179 p., illus., \$2. A somewhat personalized biography of a quail in the West Virginia bird country.

Science News Letter, December 11, 1937

Geography

NORTH TO THE RIME-RINGED SUN: AN ALASKAN JOURNEY—Isobel W. Hutchison—*Hillman-Curl*, 262 p., \$2.50. This lengthy narrative account of a woman's travels in search of botanical specimens in the Arctic leaves no doubt as to her ability as a botanist.

Science News Letter, December 11, 1937

Chemistry

POLYMERIZATION AND ITS APPLICATIONS IN THE FIELDS OF RUBBER, SYNTHETIC RESINS, AND PETROLEUM—Robert E. Burk, Howard E. Thompson, Archie J. Weith and Ira Williams—*Reinhold Pub. Corp.*, 312 p., \$7.50. An American Chemical Society monograph relating to the very fundamental process of making big molecules out of the little ones or vice versa while maintaining similar percentage compositions of the elements used.

Polymerization plays an essential role in making synthetic resins, synthetic rubber, processing petroleum, and a thousand other chemical products.

Science News Letter, December 11, 1937

Biography

MEMORIAL BOOK TO ROBERT EDWIN PEARY—Mercedes Buck—*Published by author, 421 Keystone Avenue, Cresson, Pa.*, 45 p., \$1. Part I consists of a greatly condensed biography of Admiral Peary, Part II is an account of honors and memorials to him.

Science News Letter, December 11, 1937

Biology

BIOLOGY—Frederick L. Fitzpatrick and Ralph E. Horton—*Houghton Mifflin*, 658 p., illus., \$1.75. A standard-type text, arranged in seven sections or units, each of which undertakes to develop understanding of one of the fundamental life processes.

Science News Letter, December 11, 1937

Invention

THE STORY OF DISCOVERY AND INVENTION—Ralph Henry Curt—*Hillman-Curl*, 568 p., \$1.50. An illustrated history of the world's most important inventions, considered topically from early days to the present, with the emphasis, of course, on the latter.

Science News Letter, December 11, 1937

Botany

THE GENUS BIDENS. PART I, 346 p., \$3.50; PART II, 362 p., \$4.—Earl Edward Sherff—*Field Museum*. A monograph for which systematic botanists, particularly students of the compositae, have been waiting for a long time. The correctness of Sherff's work, and the care with which his illustrations are prepared, need no comment.

Science News Letter, December 11, 1937

Archaeology

AMERICA'S YESTERDAY — F. Martin Brown—*Lippincott*, 319 p., \$3.50. Popular lectures given by Mr. Brown at Colorado College, have been shaped into a book for the layman on Mayas and other Indians who gave America its aboriginal types of civilization. The book provides a good general introduction to American archaeology.

Science News Letter, December 11, 1937

Botany

STUDIES OF AMERICAN PLANTS—VII—Paul C. Standley—*Field Museum*, 69 p., 50 c.

Science News Letter, December 11, 1937

Agriculture

CROP MANAGEMENT AND SOIL CONSERVATION—Joseph F. Cox and Lyman E. Jackson—*Wiley*, 610 p., illus., \$2.75. A book of the new day in agriculture, its problems and its possibilities. Agriculture, especially in its economic and soil-conservational aspects, is seen as a national as well as an individual undertaking. Newest practices, like terracing and contour cultivation, and some of the newer soil-conservation crops like lespedeza and kudzu receive deserved emphasis. A useful appendix gives varietal recommendations by states.

Science News Letter, December 11, 1937

Conservation

SOIL EROSION CONTROL (Rev.)—Austin Earle Burges—*Turner E. Smith & Co.*, 221 p., \$2.75. A mine of information on erosion control written in language that can be understood by the average man. Technical accuracy has been maintained throughout, and illustrations of erosion control methods in use add to the value of this work.

Science News Letter, December 11, 1937

Forestry

FOREST PROTECTION—Ralph C. Hawley—*Wiley*, 262 p., \$2.75. Forests have many dangers and enemies to face: storm and avalanche, insects and larger animals, and above all, fire. This book goes into considerable detail in the description of each and in the discussion of economically practicable methods for meeting and conquering them. A most practical treatise for either the student or the working forester.

Science News Letter, December 11, 1937

Entomology

RECENT ADVANCES IN ENTOMOLOGY (2d ed.)—A. D. Imms—*Blakiston's*, 431 p., \$5. A great deal of change has taken place in entomological knowledge and practice since the publication of the first edition of this book, so that its re-appearance in revised form is most timely.

Science News Letter, December 11, 1937

Forestry

TIMBER PRODUCTS AND INDUSTRIES—Nelson Courtlandt Brown—*Wiley*, 316 p., \$3.50. A highly practical work, adapted for either text or reference use, outlining methods and means for the harvesting, conversion and marketing of materials other than lumber, including naval stores and other derivatives and extractives.

Science News Letter, December 11, 1937