

• First Glances at New Books

Zoology

THE STANDARD NATURAL HISTORY—Edited by W. P. Pyecraft—*Warne*, 942 p., 12 pl., \$6. One of the best-known of English zoologists has rallied a group of first-class colleagues to produce a solid, informative, abundantly illustrated natural history book, of the type we used to delight in but with the advantage of more up-to-date data. Although the temperate-zone forms described are (quite naturally) largely European, the authors have ranged the world for their other animals; and even the European flavor of some of the sections is not a real handicap, for many American forms are identical or quite similar.

Science News Letter, October 8, 1932

Astronomy

WONDERS OF THE SKY—Mary Proctor—*Warne*, 96 p., 50c. A handy little pocket-size book offering in attractive form the elements of astronomy, by an author who has already achieved a reputation as a popular writer.

Science News Letter, October 8, 1932

Biography

LEONARDO DA VINCI—Clifford Bax—*Appleton*, 160 p., \$2. A new, compact, quite readable biography of that remarkable figure who was in one man the whole Renaissance: scientist and engineer as well as painter and sculptor.

Science News Letter, October 8, 1932

General Science

HENLEY'S TWENTIETH CENTURY FORMULAS, RECIPES AND PROCESSES—Edited by G. D. Hiscox—*Henley*, xiv+809 p., \$4. A new and revised edition of a very well-known work that tells you how to make anything from Acid-Proofing to Yeast; an exceedingly handy book to have around the laboratory.

Science News Letter, October 8, 1932

Plant Physiology

RESPIRATION IN PLANTS—W. Stiles and W. Leach—*MacVeagh*, 124 p., \$1.50. A compact but comprehensive little monograph, which plant physiologists and biochemists should find very useful.

Science News Letter, October 8, 1932

Archaeology

ARCHAEOLOGICAL SURVEY OF EASTERN WYOMING—E. B. Renaud—*Univ. of Denver*, 91 p. This survey directed by Dr. Renaud led to the recording of

229 Indian sites, many of them prehistoric. An additional chapter of the report is devoted to some interesting and beautiful petroglyphs. Eastern Wyoming yields few of these examples of Indian art, but, under the Archaeological Minute Man plan sponsored by Science Service, Dr. Renaud investigated the remarkable pictures at Castle Gardens, central Wyoming, which are accessible only over very rough and uncertain trails. A number of illustrations are given.

Science News Letter, October 8, 1932

Biography

THE INGENIOUS DR. FRANKLIN—Edited by Nathan G. Goodman—*Univ. of Pennsylvania Press*, 244 p., \$3. Selected scientific letters of the American Leonardo, carefully edited and beautifully printed. As a source-book for American science as well as American history, this collection is invaluable.

Science News Letter, October 8, 1932

General Science

MAN AND HIS WORLD—J. H. S. Bossard and others—*Harper*, 755 p., \$3.50. This book was originally developed as a text for the required general survey course at the Wharton School of Finance and Commerce, but it has grown beyond its original intent into a volume which any person may profitably take up to get a comprehensive view of the world he lives in and his relation to it.

Science News Letter, October 8, 1932

Chemistry

ORGANIC CHEMISTRY—G. Albert Hill and Louise Kelley—*Blakiston*, 564 p., \$3. A comprehensive textbook of organic chemistry, suitable for use in a one-year college course.

Science News Letter, October 8, 1932

Engineering

THE NEW NECESSITY—C. F. Kettering and Allen Orth—*Williams and Wilkins*, 124 p., \$1. The New Necessity, in the definition of the authors, is automotive transportation. They tell the story of the development of the automobile, and venture into prophecy concerning its future. The book is one of the Century of Progress series.

Science News Letter, October 8, 1932

Botany

THE WILD-FLOWER Namer—Horace Taylor—*Author (Brookline, Mass.)*, 50c. Several scores of the more familiar wild flowers, separated into a spring and a summer list. Each list is so arranged that when it is covered with successive cut-out masks, which are keyed for color, petal number, leaf-arrangement and flower size, the only surviving opening will frame the name of the flower to be identified. It works most amazingly well. Everyone who loves flowers but does not know their names will find this device an excellent automatic "introducer." And every botanist who is constantly having to name flowers for his friends should buy it in quantity lots, in sheer self-defense.

Science News Letter, October 8, 1932

Photography

THE CHEMISTRY OF PHOTOGRAPHY—*Mallinckrodt Chemical Works*, 93 p., 50c. Although this is frankly an advertising booklet, the chemical information in it has been well gotten up and will be of much use to photographers whose technical knowledge of chemistry is limited. The book is now in its fifth edition.

Science News Letter, October 8, 1932

Science-Education

SCIENCE RELATED TO LIFE, BK. I WATER, AIR AND SOUND; BK. III MAGNETISM AND ELECTRICITY; BK. IV LIGHT, FORCES AND MACHINES—Frank Reh—*American Book Co.*, 181 p., 200 p., 200 p., 60c. each. For use as elementary science texts.

Science News Letter, October 8, 1932

Chemistry

ESSENTIALS OF COLLEGE CHEMISTRY—B. Smith Hopkins—*Heath*, 544 p., \$3.24. A comprehensive course, which is also comprehensible to the average college student.

Science News Letter, October 8, 1932

Biology

EVERYDAY PROBLEMS IN BIOLOGY—C. J. Pieper, W. L. Beauchamp and O. D. Frank—*Scott, Foresman*, 686 p., \$1.60. A well-thought-out, clearly written textbook for junior high school use.

Science News Letter, October 8, 1932

Science News Letter will secure for its subscribers any book or magazine published in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the U. S. Address: Library, Science Service, 21st and Constitution Avenue, Washington, D. C.
