

NEW BOOKS ON SCIENCE

BIOLOGY

THIS LIVING WORLD, A College Course in Science—C. C. Clark and R. H. Hall—*McGraw-Hill*, 519 p., illus., \$3.25. First of a two-volume series published under the general title, *A College Course in Science*. The aim is to give the student a general idea of what life is about, rather than to serve as prerequisite to "advanced" courses. The approach therefore is informal, unhackneyed, very simple. The material presented comprises what is usually classified as geology, zoology and botany, but knowledge here is not kept in mutually exclusive compartments. Illustrations are in keeping with viewpoint and style of the text.

Science News Letter, October 26, 1940

GENERAL SCIENCE

THIS AMAZING PLANET—Roy Chapman Andrews—*Putnam*, 231 p., \$2. Dr. Andrews has seen some of the most amazing things on this planet, and indeed has discovered not a few of them himself. Yet he retains a boyish freshness of wonder, not only at such things as a nest of dinosaur eggs in the Gobi desert but at the astonishing commonplaces that most of us pass by without noticing: the strength of an ant's jaws, the fineness of a silk fiber, the lordly ways of his white Persian cat. This book consists of a highly miscellaneous collection of little essays about all kinds of things, most of them only a few hundred words in length, but all of them instinct with the quality that keeps the world young: wonder.

Science News Letter, October 26, 1940

BOTANY

CHRONICA BOTANICA—*Chronica Botanica Co.*, P. O. Box 151, Waltham, Mass., Fortnightly, \$7.50 per year. See page 264.

Science News Letter, October 26, 1940

PSYCHOLOGY

AVOCATIONAL INTEREST PATTERNS, A Study in the Psychology of Avocations—Donald E. Super—*Stanford Univ. Press*, 148 p., \$2.25. Using the technique developed by Dr. Edward K. Strong, Jr., for the study of vocational interests, the author has made a study of hobbies, particularly photography, model building, stamp collecting and music.

Science News Letter, October 26, 1940

NUTRITION

DIETETICS SIMPLIFIED, The Use of Foods in Health and Disease (With Laboratory Section) (2d. ed.)—L. Jean

Bogert and Mame T. Porter—*Macmillan*, 742 p., illus., \$3. Designed primarily for hospital dietitians and students in home economics, there is much in this book that will be useful to the housewife who is willing to give the text a little study, and particularly for one who may have in her family someone requiring a special diet.

Science News Letter, October 26, 1940

PUBLIC HEALTH

INDUSTRIAL HEALTH IN WAR, A Summary of Research Findings Capable of Immediate Application in Furtherance of the National Effort—Gt. Brit. Medical Research Council, Industrial Health Research Board—*Brit. Library of Information*, 36 p., 15c. See p. 267.

Science News Letter, October 26, 1940

CHEMISTRY

CHEMISTRY IN THE SERVICE OF MAN (5th. Ed.)—Alexander Findlay—*Longmans, Green*, 398 p., \$2.50. The previous four editions of this book have made it well and favorably known. In the eight years, since the last appeared, there have been many advances in chemical science. Dr. Findlay has now made many additions and alterations to cover these.

Science News Letter, October 26, 1940

CHEMISTRY

NEW WORLD OF CHEMISTRY (4th ed.)—Bernard Jaffe—*Silver Burdett*, 692 p., illus., \$1.84. The rapid advance of chemistry is well shown by the fact that this excellent text book for high schools by a well-known interpreter of science now appears in a fourth revised edition, only a year after the third.

Science News Letter, October 26, 1940

CHEMISTRY

LABORATORY AND WORKBOOK UNITS IN CHEMISTRY—Maurice U. Ames and Bernard Jaffe—*Silver Burdett*, 267 p., 92c. This manual, which is intended to accompany Dr. Jaffe's "New World of Chemistry," when used as a text, should do much to enable the student and the teacher as well to obtain the greatest benefit from the course. The present is the third edition.

Science News Letter, October 26, 1940

BIBLIOGRAPHY

A LIST OF BOOKS FOR A COLLEGE STUDENT'S READING (The Trinity Booklist), (3rd. ed.)—Harry Todd Costello, ed.—*Trinity College, Hartford, Conn.*, 125 p., \$1.

Science News Letter, October 26, 1940

CHEMISTRY

COLLECTED PAPERS OF WALLACE HUME CAROTHERS ON HIGH POLYMERIC SUBSTANCES—H. Mark and G. Stafford Whitby, eds.—*Interscience Pub.*, 459 p., illus. \$8.50. At the time of his death in 1937, at the age of 41, Dr. Carothers headed the fundamental research in organic chemistry by the du Pont Company. In the twelve preceding years he had contributed the papers gathered here, many of which are now classics in the literature relating to the complicated atoms that are the basis of so much that modern chemistry has accomplished. "Nylon," which Science Service first reported to the world on Sept. 20, 1938, is but one of the products resulting from his work. See page 259.

Science News Letter, October 26, 1940

PHOTOGRAPHY

THE CAMERA GADGETEER—Hermon Gabriel—*Fomo*, 63 p. 75c. If you like gadgets and like photography you may have fun with this little book.

Science News Letter, October 26, 1940

MEDICINE

THE VIRUS, Life's Enemy—Kenneth M. Smith—*Cambridge (Macmillan)*, 176 p. \$2. See page 264.

Science News Letter, October 26, 1940

MATHEMATICS

NON-EUCLIDEAN GEOMETRY OR THREE MOONS IN MATHESIS—Lillian R. Lieber; drawings by Hugh Gray Lieber—*H. G. L. R. Lieber*, 258 Clinton Ave., Brooklyn, N. Y., 40 p., \$1.25. Serious mathematics written in a form that looks like free verse but isn't. Clever illustrations make the concepts easier to absorb, and provide a little book that would have delighted C. L. Dodgson.

Science News Letter, October 26, 1940

RADIO

PRECIPITATION-STATIC RADIO-INTERFERENCE PHENOMENA ORIGINATING ON AIRCRAFT—E. C. Starr—*Oregon State Engineering Experiment Station*, 107 p., 75c. A report on a series of researches made in cooperation with United Air Lines, to increase the reliability of aviation radio.

Science News Letter, October 26, 1940

BIOLOGY

FUNDAMENTALS OF BIOLOGY, ANIMAL AND PLANT (2d ed.)—William C. Beaver—*Mosby*, 889 p., 301 text illus., 14 color plates, \$4.50. (Price correction.)

Science News Letter, October 26, 1940