

• First Glances at New Books

AERONAUTICS

AERONAUTICAL DICTIONARY AND REFERENCE LIBRARY—Randolph Hartley, Jr.—*DeVorss*, 524 p., \$4. This useful work is divided into two parts and an appendix. Part one, "Definitions", has fourteen chapters, dealing with different phases of aeronautics, each with its set of definitions. Though the index makes it possible to locate any definition, one wonders why this style was chosen, rather than a straight alphabetical list. In part two, "Reference," there is information about engines, etc.; while the appendix contains a directory of manufacturers and schools, as well as a summary of government regulations.

Science News Letter, September 14, 1940

ENGINEERING

THE STORY OF A DAM—Geraldine LeMay—*Longmans, Green*, 66 p., illus., \$1.50. A non-technical description of the building of a dam, told primarily for children of upper grammar school age, and based on the author's own experiences with the T. V. A. The numerous illustrations are beautifully reproduced in aquatone.

Science News Letter, September 14, 1940

GENERAL SCIENCE

MARVELS OF THE MODERN WORLD—Harold Wheeler, ed.—*Halcyon House*, 448 p., illus., \$1.98. Twenty-five closely packed chapters, heavily illustrated, covering all sorts of subjects from airplanes to oil. Of pre-war British authorship.

Science News Letter, September 14, 1940

ECONOMICS

DO YOU KNOW LABOR? Facts About the Labor Movement—James Myers—*Nat'l Home Library Foundation*, 139 p., 50c. The author is industrial secretary of the Federal Council of the Churches of Christ in America. This volume is evidently intended as an interpretation of labor for Church affiliates and is very readable.

Science News Letter, September 14, 1940

WAR—ECONOMICS

M-DAY, If War Comes, What Your Government Plans for You—Donald Edward Keyhoe—*Dutton*, 95 p., \$1. If you have a half-finished house, the Government may call off the carpenters, perhaps even commandeer the lumber, to build a cantonment. If you are a young fellow itching for front-line action, you're likely to be told to stick to your lathe

or riveting hammer. If you are a lingerie manufacturer, you may find your silk supply detoured into a parachute plant. These and similar situations are described in vivid narrative form. Evidently, if we get into war it isn't going to be pleasant or profitable for anybody.

Science News Letter, September 14, 1940

GENERAL SCIENCE

FRENCH-ENGLISH SCIENCE DICTIONARY—Louis De Vries—*McGraw-Hill*, 546 p., \$3.50. First aid to the scientist who stumbles over a word or two in a French scientific article. This book is a companion to the German-English Science Dictionary from the same collaboration at Iowa State College, the author having had the help of the graduate faculty. Happily many verb forms and idioms are included, which is very helpful to those of us who have forgotten the tables of irregular verbs. If there were only more French scientific articles to read these days!

Science News Letter, September 14, 1940

BOTANY

ELEMENTS OF BOTANY (3rd ed.)—Richard M. Holman and Wilfred W. Robbins—*Wiley*, 392 p., illus., \$2.75. New edition of one of the best known botany textbooks now on the market.

Science News Letter, September 14, 1940

BIOLOGY—STATISTICS

INTRODUCTION TO MEDICAL BIOMETRY AND STATISTICS (3rd ed.)—Raymond Pearl—*Saunders*, 537 p., illus., \$7. Much new material, as well as revision of old, marks this new edition of a work of proved usefulness to workers in the medical and public health fields.

Science News Letter, September 14, 1940

BIOLOGY

FUNDAMENTALS OF BIOLOGY, ANIMAL AND PLANT (2d ed.)—William C. Beaver—*Mosby*, 889 p., 301 text illus., 14 color plates, \$4. New edition of a textbook that has won the approval of those who have used it.

Science News Letter, September 14, 1940

ENTOMOLOGY

OUR INSECT FRIENDS AND FOES—William Atherton DuPuy—*Winston*, 284 p., \$1. A new printing of an elementary book about insects (not a textbook) by a successful science popularizer.

Science News Letter, September 14, 1940

ENTOMOLOGY

ABOUT SPIDERS: INTRODUCING ARACHNE—Elaine V. Emans—*Dutton*, 183 p., illus., \$2.50. A simply written, simply illustrated, easily understood, popular account of one of the most misunderstood and unjustly persecuted of familiar animal groups. A reading of this book by children still mentally plastic should prove a good preventive of the "arachnophobia" which is all too common an ailment of the present generation of adults.

Science News Letter, September 14, 1940

NATURAL HISTORY

YELLOWSTONE NATIONAL PARK, Historical and Descriptive (Rev. ed.)—Hiram Martin Chittenden; Rev. by Eleanor Chittenden Cress and Isabelle F. Story—*Stanford Univ. Press*, 286 p., illus., \$3. One of the classics of National Parks literature, originally written nearly 50 years ago, brought down to date in a complete revision by two writers who know the Yellowstone, both past and present, most thoroughly.

Science News Letter, September 14, 1940

GEOLOGY

OIL IS WHERE YOU FIND IT—Sam Mims—*Marshall Jones*, 236 p., \$2.50. Semi-fictional account, written in the rapid, excited style of a novel, of what happens when oil is "brought in." The book contains but little technical information, but it certainly gives a lively picture of the effect of Oil on Folks.

Science News Letter, September 14, 1940

PLANT PHYSIOLOGY

THE TIME COURSE OF PHOTOSYNTHESIS AND FLUORESCENCE OBSERVED SIMULTANEOUSLY—E. D. McAlister and Jack Myers—*Smithsonian Inst.*, 37 p., 15c. (See page 174.)

Science News Letter, September 14, 1940

EUGENICS

PREFACE TO EUGENICS—Frederick Osborn—*Harper*, 312 p., \$2.75. (See page 168.)

Science News Letter, September 14, 1940

BACTERIOLOGY

GENERAL BACTERIOLOGY—D. B. Swingle—*Van Nostrand*, 313 p., \$3. A textbook well designed for use in beginning courses in bacteriology. The review questions at the end of each chapter should help materially in keeping the student "on his toes."

Science News Letter, September 14, 1940