

•First Glances at New Books

NUTRITION

WARTIME MEALS, How to Plan Them, How to Buy Them, How to Cook Them—Margot Murphy—*Greenberg*, 258 p., \$2. By the Food Editor of the *New York Times*. Informally written, it covers such present-day problems as food shortages and substitutes and emphasizes economy coupled with sound nutrition.

Science News Letter, August 15, 1942

ARCHITECTURE—ENGINEERING

HOW TO PLAN A HOUSE — Gilbert Townsend and J. Ralph Dalzell—*American Technical Society*, 525 p., illus., \$4.50. For prospective home owners, builders, and carpenters, this book will prove equally interesting. Illustrations include photographs, architect's drawings and plans, while the text describes the various types of homes and construction details.

Science News Letter, August 15, 1942

MEDICINE

AMERICAN RED CROSS TEXTBOOK ON RED CROSS HOME NURSING — Lona L. Trott—*Blakiston*, 431 p., illus., 60c. A useful, easy-to-read text or reference book covering the essentials of home management, child care, and nursing.

Science News Letter, August 15, 1942

AGRICULTURE

KEEPING LIVESTOCK HEALTHY, YEARBOOK OF AGRICULTURE, 1942—U. S. Dept. of Agriculture, Gov't. Print. Off., 1276 p., illus., \$1.75. See page 109.

Science News Letter, August 15, 1942

BIOCHEMISTRY

A SYMPOSIUM ON RESPIRATORY ENZYMES—*Univ. of Wisconsin Press*, 281 p., \$3. Proceedings of an important meeting held at the University of Wisconsin, at which present status of research on respiratory enzymes was thoroughly discussed. Biochemists and physiologists will need this book, to bring their reference literature really down to date.

Science News Letter, August 15, 1942

CIVILIAN DEFENSE

THE AIR RAID WARDEN IN AMERICA, A Manual—Jordan W. Lambert; edited and revised by Ira W. Hirshfield — *Hastings House*, 57 p., \$1. A very handy, practical little manual, which can be carried about easily by a man whose bookshelf has to be in his pocket. Treatments of individual topics are neces-

sarily brief, but the subject is adequately covered.

Science News Letter, August 15, 1942

NAVAL SCIENCE

SUBMARINES—Herbert S. Zim—*Harcourt, Brace*, 306 p., illus., \$3. The full story of submarines, in simple language that any landsman can understand. We learn here not only how submarines are built and what life in them is like, but the scientific principles on which they are operated.

Science News Letter, August 15, 1942

CHEMISTRY

ELEMENTARY PHYSICAL CHEMISTRY—Merle Randall and Leona Esther Young—*Randall and Sons, Berkeley, Calif.*, 455 p., photolith, \$4.50. Classical physical chemistry, modernized in accordance with the newer knowledge concerning the electronic structure of the atom, quantum theory, statistical mechanics, etc., is how the authors style their viewpoint. It aims at a happy medium between the hyper-theoretical and the merely factual.

Science News Letter, August 15, 1942

● Just Off the Press ●

CATALOGUE OF BIRDS OF THE AMERICAS AND THE ADJACENT ISLANDS IN FIELD MUSEUM OF NATURAL HISTORY (Part 1, No. 1)—Charles E. Hellmayer and Boardman Conover—*Field Museum of Natural History*, 636 p., \$5.

FUNDAMENTALS OF PHYSICAL CLIMATOLOGY—V. Conrad—*Blue Hill Meteorological Observatory*, 121 p., maps, tables, \$1.25.

HEAT TRANSFER BY INFRARED RADIATION IN THE ATMOSPHERE — Walter M. Elsasser — *Blue Hill Meteorological Observatory*, 107 p., charts, \$1.25.

HOW TO PLAN A HOUSE—Gilbert Townsend and J. Ralph Dalzell—*American Technical Society*, 525 p., illus., \$4.50.

HOW TO TRAIN SALESPeople—John H. Dillon—*American Technical Society*, 15 booklets in buckram box, \$6.

ISOMERIZATION OF PURE HYDROCARBONS—Gustav Egloff, George Hulla and V. I. Komarewsky—*Reinhold*, 499 p., \$9.

KEEPING LIVESTOCK HEALTHY, YEARBOOK OF AGRICULTURE, 1942—U. S. Dept. of Agriculture—*Gov't. Print. Off.*, 1276 p., illus., \$1.75.

MODERN ELECTROPLATING—*Electrochemical Society*, 399 p., \$5.50.

THE NATURE AND PREVENTION OF PLANT DISEASES—K. Starr Chester—*Blakiston*, 584 p., illus., \$4.50.

PETROLEUM DEVELOPMENT AND TECHNOLOGY, 1942—Petroleum Division—*American Institute of Mining and Metallurgical Engineers*, 565 p., \$5. (Transactions, vol. 146).

PROCEDURE HANDBOOK OF ARC WELDING DESIGN AND PRACTICE—(7th ed)—*Lincoln Electric Co.*, 1267 p., illus., \$1.50.

MILITARY SCIENCE

GLOBAL WAR, An Atlas of World Strategy — Edgar Ansel Mowrer and Marthe Rajchman — *William Morrow*, 128 p., maps, \$1. For those of us who find a fascination in running this war from the observation-post of our own living-room or front porch, this book, with its simple outline maps and broadly sketched strategic lines, will have a decided fascination.

Science News Letter, August 15, 1942

MEDICINE

PSYCHOTHERAPY IN MEDICAL PRACTICE — Maurice Levine—*Macmillan*, 320 p., \$3.50. Recommended reading for the practising physician. This is an unusually sound and complete handbook of basic psychiatry, and as such will be of interest to the general reader as well as doctors.

Science News Letter, August 15, 1942

ANTHROPOLOGY

NEGROES IN BRAZIL; A Study of Race Contact at Bahia — Donald Pierson — *Univ. of Chicago*, 392 p., illus., \$4.50. The color line crumbled long ago in Brazil, with results that may be looked upon with misgiving, even with horror, by many North Americans. The country most concerned, however, seems to have thriven on miscegenation, some aspects of which are sympathetically presented in this book.

Science News Letter, August 15, 1942

PLANT PATHOLOGY

THE NATURE AND PREVENTION OF PLANT DISEASES — K. Starr Chester — *Blakiston*, 584 p., illus., \$4.50. A textbook, with chapters arranged according to causal organisms, including full treatment of physiogenic diseases. Ecological conditions are kept well in mind in prescribing control and prevention methods.

Science News Letter, August 15, 1942

CHEMISTRY

ISOMERIZATION OF PURE HYDROCARBONS — Gustav Egloff, George Hulla and V. I. Komarewsky—*Reinhold*, 499 p., \$9. The octane number of a hydrocarbon is profoundly influenced by the position of the side-chains in the molecule. This position can be shifted by the process of isomerization which thus becomes of high importance in the petroleum industry and particularly in aviation. This important and timely work is a thorough study of the subject.

Science News Letter, August 15, 1942