

•First Glances at New Books

CHEMICAL WARFARE

WAR GASES, Their Identification and Decontamination — Morris B. Jacobs — *Interscience Publishers*, 180 p., \$3. This book is written in the interests of civilian defense against poison gas, for the instruction of air raid wardens, health officers, and all others who may be called upon to take part in such defense.

Science News Letter, July 25, 1942

TECHNOLOGY

PLASTICS—J. H. DuBois—*Amer. Technical Soc.*, 295 p., illus., \$3. Concise information concerning all the important plastics makes this work useful either as an introductory textbook or as reference book, both for those working in the field or for those merely interested.

Science News Letter, July 25, 1942

CHEMISTRY—TECHNOLOGY

EXTRACTION OF RUBBER FROM PLANTS—Muriel E. Whalley—*National Research Council of Canada*, 19 p., 25 c. Chief attention is paid to the Canadian milkweed, but goldenrod, guayule, and the Russian kok-saghyz are also given brief treatment. The information is collected from published sources and patents.

Science News Letter, July 25, 1942

RADIO

FUNDAMENTALS OF RADIO—Edward C. Jordan and others; W. L. Everitt, ed.—*Prentice-Hall*, 400 p., \$5 trade; \$3.75 school. A basic text for training technicians for the armed forces, for industry and for broadcasting, based on the course outline recommended by the National Association of Broadcasters. No mathematics beyond elementary algebra is required, but the foundations are laid for more advanced study.

Science News Letter, July 25, 1942

ENGINEERING

INDUSTRIAL CAMOUFLAGE MANUAL — Konrad F. Wittmann in collaboration with Pratt Institute faculty — *Reinhold Pub. Corp.*, 128 p., illus., \$4. A handbook for industrialists who have factories to hide. Problems and methods of solution are graphically presented. Illustrations, quite properly, fill the greater part of the pages.

Science News Letter, July 25, 1942

ECONOMICS—NATIONAL DEFENSE

AUTOMOBILE TRANSPORTATION IN THE WAR EFFORT — Charles L. Dearing — *Brookings Institution*, 47 p., 25c. How to keep the automotive wheels turning for essential wartime transportation, is the subject of this timely booklet.

Science News Letter, July 25, 1942

REFERENCE

AN INDEX TO INDEXES, A Subject Bibliography of Published Indexes — Norma Olin Ireland — *Faxon*, 107 p., \$1.75. Valuable for research workers and librarians, this volume tells where to look for references.

Science News Letter, July 25, 1942

● Just Off the Press ●

AEROPLANE RADIO EQUIPMENT—E. Molloy and E. W. Knott, eds.—*Chem. Pub. Co.*, 132 p., illus., \$2.50.

AIR NAVIGATION—E. Molloy, ed.—*Chem. Pub. Co.*, Part I, 128 p., illus.; Part II, 132 p., illus., \$2.50.

AIRCRAFT MATHEMATICS—S. A. Walling and J. C. Hill—*Cambridge (Macmillan)*, 189 p., \$1.25.

AMERICAN RED CROSS TEXTBOOK ON RED CROSS HOME NURSING—Lona L. Trott—*Blakiston*, 431 p., 60 c.

ANALYTIC GEOMETRY—Charles H. Lehmann—*Wiley*, 425 p., \$3.75.

CHEMICAL REFINING OF PETROLEUM (Rev. ed.)—Vladimir A. Kalichevsky and Bert Allen Stagner—*Reinhold Pub. Corp.*, 550 p., \$7.50.

THE DIFFUSION OF SCIENCE—Jesse Lee Bennett—*Johns Hopkins Press*, 141 p., \$2.25.

ECOLOGICAL CROP GEOGRAPHY—Karl H. W. Klages—*Macmillan*, 615 p., \$4.50.

ENGINEERING SURVEYS: Elementary and Applied—Harry Rubey, George Edward Lommel and Marion Wesley Todd—*Macmillan*, 834 p., illus., \$4.50.

A FIELD GUIDE TO THE BIRDS OF EASTERN WASHINGTON, EASTERN OREGON AND IDAHO—Ernest S. Booth—*Pub. by Author, Walla Walla College, College Place, Washington*, 43 p., illus., 50 c.

THE LINK TRAINER—E. Molloy and E. W. Knott, eds. *Chem. Pub. Co.*, 132 p., illus., \$2.50.

PHYSICAL CHEMISTRY FOR STUDENTS OF BIOCHEMISTRY AND MEDICINE—Edward Staunton West—*Macmillan*, 368 p., \$5.75.

PHYSICAL SCIENCE—William F. Ehret, Leslie E. Spock, Jr., Walter A. Schneider, Carel W. van der Merwe and Howard E. Wahlert—*Macmillan*, 639 p., illus., \$3.90.

PHYSIOLOGICAL HYGIENE (Rev. ed.)—Cleveland Pendleton Hickman—*Prentice-Hall*, 482 p., \$3.25.

THE SEASHORE PARADE—Murial Lewin Guberlet; Illus. by Jan Ogden—*Jaques Cattell Press*, 197 p., illus., \$1.75.

SHORT-WAVE MANUAL—F. J. Camm, ed.—*Chem. Pub. Co.*, 213 p., illus., \$2.50

THE STEEL SQUARE, Showing its Application to Roofing, Timber Framing and Staircasing—Noël D. Green—*Chem. Pub. Co.*, 88 p., illus., \$2.50.

THE SUPERHET MANUAL—F. J. Camm, ed.—*Chem. Pub. Co.*, 135 p., diags., \$2.50.

WIRELESS COILS, CHOKES AND TRANSFORMERS—F. J. Camm, ed.—*Chem. Pub. Co.*, 180 p., illus., \$2.50.

X-RAY CRYSTALLOGRAPHY: An Introduction to the Investigation of Crystals by Their Diffraction of Monochromatic X-Radiation—M. J. Buerger—*Wiley*, 531 p., \$6.50.

ARCHAEOLOGY—ART

DIONYSIAC SARCOPHAGI IN BALTIMORE —Karl Lehmann-Hartleben and Erling C. Olsen—*Institute of Fine Arts, New York Univ. and Walters Art Gallery, Baltimore*, 81 p., illus., \$1.50. A beautifully published and illustrated description of a group of Roman sarcophagi of the second and third centuries A. D. Delicate carvings in relief depicting ancient myths are archaeologically important and artistically interesting.

Science News Letter, July 25, 1942

GEOGRAPHY

PHYSICAL ELEMENTS OF GEOGRAPHY — Vernor C. Finch and Glenn T. Trewartha — *McGraw-Hill*, 641 p., illus., \$3.50. A competently prepared textbook in physical geography, with a dynamic approach. Special attention is given to climates and soils.

Science News Letter, July 25, 1942

ECOLOGY—GEOGRAPHY

ECOLOGICAL CROP GEOGRAPHY — Karl H. W. Klages—*Macmillan*, 615 p., \$4.50. A careful application of ecological principles to regional agronomy. Four main avenues of approach to the problems are used: social environment, physiological environment, ecological factors, geographical distribution.

Science News Letter, July 25, 1942

NAVIGATION—METEOROLOGY

NAVIGATION AND METEOROLOGY — D. Hay Surgeoner—*Longmans, Green*, 108 p., \$1.25. A compact, practical handbook intended primarily for aviators. There are nine chapters on navigation, one on meteorology.

Science News Letter, July 25, 1942

ENTOMOLOGY

AMERICAN BUTTERFLIES AND MOTHS—Cecile Hulse Matschat; Illus. by Rudolf Freund—*Random House*, 70 p., illus., \$1. A beautiful book, with colored illustrations, and at a surprisingly low price. Recommended especially for young collectors.

Science News Letter, July 25, 1942

NAVAL SCIENCE

HOW TO ABANDON SHIP—Phil Richards and John J. Banigan—*Cornell Maritime Press*, 152 p., \$1. A little book on a grim subject; no attempt is made to render it "pretty". In these days every seafaring man, from skipper to cabin boy, will do well to master the contents—and remember them in time of emergency.

Science News Letter, July 25, 1942