

Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publications direct from issuing organizations.

ANIMAL BABIES—Kathryn and Byron Jackson, pictures by Adele Werber—*Simon & Schuster*, 39 p., illus., 25 cents. Pictures and stories about many wild baby animals, for the very young.

THE BATTLE FOR TARAWA—James R. Stockman—*Govt. Printing*, 86 p., illus., \$1.50. One of a series of monographs prepared by Historical Section, Div. of Public Information, U. S. Marine Corps, presenting details on the first example of a sea-borne assault against a heavily defended coral atoll.

A BIBLIOGRAPHY OF DIETETIC CAREERS—*Am. Dietetic Assn.*, 15 p., paper, 10 cents.

THE CHEMICAL ANALYSIS OF FOODS—Henry Edward Cox—*Sherwood Press*, 3rd ed., 317 p., illus., \$8.00. A handbook for the food industry in general and health officers and food chemists in particular, covering the examination of foodstuffs and detection of adulterants.

COMPOSITION AND PICTURES—Eleanor Parke Custis—*Am. Photographic Pub.*, 224 p., illus., \$6.00. A practical, detailed explanation of the basic rules of composition as applied to camera work.

THE ELECTRON MICROSCOPE—V. E. Coss-

lett—*Sigma*, 128 p., illus., \$1.55. A non-technical description of construction and operation of the electron microscope together with its pretest limitations and future developments.

EXPERIMENTAL EMBRYOLOGY IN THE NETHERLANDS 1940-1945—M. W. Woerdeman and Chr. P. Raven—*Elsevier*, 132 p., illus., \$2.50. Experiments on amphibian eggs and avian embryos described in Monographs on the Progress of Research in Holland During the War, No. 10.

FLYING MINUTE MEN: the Story of the Civil Air Patrol—Robert E. Neprud, with cartoons by Zack Mosley—*Duell, Sloan and Pearce*, 243 p., illus., \$3.00. The saga of a volunteer organization pledged to the nation's defense—its role in World War II and place in the postwar aviation picture.

FUNDAMENTALS IN CHEMICAL PROCESS CALCULATIONS—Otto L. Kowalke—*Macmillan*, 158 p., \$2.80. Textbook for chemical engineering students in their second year.

GOLDEN MULTITUDES: the Story of Best Sellers in the United States—Frank Luther Mott—*Macmillan*, 357 p., \$5.00. An entertaining account of American best sellers from 1662 to 1945 with discussion of what makes them so.

HOW TO DOUBLE YOUR VOCABULARY—S. Stephenson Smith—*Crowell*, 360 p., paper \$1.50, cloth \$3.00. By means of vocabulary tests throughout the book, the author attempts to help you ascertain your command of words, including the latest language used in the newspapers, radio and science.

INTRODUCTION TO MEDICAL SCIENCE—Gulli Lindh Muller and Dorothy E. Dawes—*Saunders*, 2nd ed., 580 p., illus., \$3.00. A textbook for the student nurse with emphasis on fundamental principles of medical science, revised to include recent outstanding findings in research during World War II.

A LIST AND INDEX OF THE PUBLICATIONS OF THE UNITED STATES NATIONAL MUSEUM (1875-1946)—Smithsonian Inst. Editorial Div.—*Govt. Printing*, U. S. Nat. Museum Bulletin 193, 306 p., paper, \$1.00. Published as part of official observance of 100th anniversary of founding of Smithsonian Institution.

THE MENTAL HOSPITAL: a Guide for the Citizen—Edith M. Stern, with foreword by Samuel W. Hamilton—*Nat. Com. for Mental Hygiene*, 45 p., paper, 38 cents. A handbook intended to help the layman properly evaluate conditions in mental institutions.

MODERN PACKAGING ENCYCLOPEDIA 1948—Staff of Modern Packaging Magazine—*Packaging Catalog Corp.*, 1205 p., illus., \$6.50. Covers the broad field of packaging including basic economic factors and principles together with a useful buyers' guide.

MOLECULES AGAINST MICROBES—E. S. Duthie—*Sigma*, 156 p., illus., \$1.25. The science of chemotherapy, chemical attack on infections caused by protozoa and bacteria, is presented in popular language.

NEUTRON EFFECTS ON ANIMALS—Biochemical Research Foundation—*Williams & Wilkins*, 198 p., illus., \$3.00. Reports on physiological effects of neutron bombardments to tissues and organs under different conditions, including effects on mortality, plasma, body weight, bone marrow, etc.

NEW COLLEGE STANDARD DICTIONARY—Charles Earle Funk, ed.—*Funk & Wagnalls*, 1404 p., illus., \$6.00. Printed in clear, easy-to-read type with simplified system of phonetic pronunciation, this emphasis edition of a standard reference book lists more than 145,000 words including many recent terms used in modern science.

ORTHOPEDIC SURGERY FOR NURSES INCLUDING NURSING CARE—Philip Lewin—*Saunders*, 4th ed., 563 p., illus., \$3.75. This textbook for students and graduate nurses presents the latest facts on orthopedic care, stressing actual nursing care and including many advances proven practical in treating war casualties.

PHOTOGRAPHIC FACTS AND FORMULAS—E. J. Wall and Franklin I. Jordan—*Am. Photographic Pub.*, rev. ed., 364 p., \$5.00. Handbook of practical directions and formulas for commonly used photographic processes.

POSTWAR PROBLEMS OF MIGRATION—*Milbank Memorial Fund*, 173 p., illus., paper, \$1.00. Papers presented at the round table on population problems at the Fund's 1946 conference, covering world aspects of migration, immigration to U. S., and U. S. internal migration.

WIND WAVES AT SEA, BREAKERS AND SURF—Henry B. Bigelow and W. T. Edmondson—*Govt. Printing*, Hydrographic Office Publication No. 602, 177 p., illus., \$2.80. Based on research and observations over a long period of time, this detailed and non-technical discussion of oceanography will prove useful to mariners and non-seafarers alike.

THE WORLD'S GREAT LAKES—Ferdinand C. Lane—*Doubleday*, 254 p., \$3.50. An interesting story written in easy manner giving a world of information about lakes, ranging from their natural formation and discovery to man-made creations and problems.

Science News Letter, January 24, 1948

ENGINEERING

Material May Cut Danger From Electrical Failure

► LESS danger from fire and electrical failure, especially on ships, was forecast from the development of a new material with high insulation value even when wet.

The new material, a glass cloth laminate, was developed by the Princeton University Plastics Laboratory for the U. S. Navy Bureau of Ships and the U. S. Signal Corps. Prof. Louis F. Rahm, director of the laboratory, predicts that the new development will be used in the manufacture of electrical components for marine installation.

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QUICK-READING TEMPERATURE-CONVERSION TABLES

For speed, when you're converting degrees F to C, and vice versa, you can now use a simple, compact "Sauveur-type" table all the way from absolute zero to 3350 C and 6062 F, in increments of one degree.

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