

# First Glances at New Books

► **ULTRA-HIGH FREQUENCY** waves have widespread secret uses in America's war machine; important peacetime applications are promised. To help alleviate the shortage of specialists in this field, **ULTRA-HIGH FREQUENCY TECHNIQUES** (*D. Van Nostrand Co.*, \$4.50) has been prepared by J. G. Brainerd, Glenn Koehler, Herbert J. Reich and L. F. Woodruff. This important text covers the course outlined by representatives of some 40 institutions for students on the level of electrical engineering and physics seniors. A useful bibliography is included.

*Science News Letter, May 29, 1943*

► **RISING TIDE** of discovery in physical science affects our lives in many ways. Rogers D. Rusk takes the lay reader **FORWARD WITH SCIENCE** (*Alfred A. Knopf*, \$3.50) in a round-up of recent developments, pointing out their significance along the way.

*Science News Letter, May 29, 1943*

► **A SHORT HISTORY** for Americans is **THE ARABS** by Philip K. Hitti, based on the author's more complete book, *The History of the Arabs*. It reviews the principal events in the history of these great people. It will interest persons with relatives in North Africa (*Princeton Univ. Press*, \$2).

*Science News Letter, May 29, 1943*

► **AFRICA** and the transformations it is undergoing due to the war is interestingly discussed in **AFRICA-FACTS AND FORECASTS** (*Duell, Sloan and Pearce*, \$2.75). After the war Africa will no longer be justly called a slumbering continent, according to the author, Albert Q. Maisel. Powerful economic and social forces causing rapid changes are discussed.

*Science News Letter, May 29, 1943*

► **A MANUAL** to furnish elementary information in metalwork to students is **METALWORK, TECHNOLOGY AND PRACTICE**, a new text book by Oswald A. Ludwig (*McKnight and McKnight*, \$4).

*Science News Letter, May 29, 1943*

► **THE END OF GARDENING** is not the garden, but the kitchen. With this unique point of view Helen Morgenthau Fox presents us **GARDENING FOR GOOD EATING**, (*Macmillan*, \$2.50), wherein she tells briefly about the things that grow in the garden, directs how to cultivate them,

and finally gives recipes for preparing and serving them. A book bound to be popular, especially with women gardeners.

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► **PROF. H. E. JAUQUES** of Iowa Wesleyan adds another to his useful series of little handbooks, in **PLANTS WE EAT AND WEAR**, an illustrated key to economic botany. Descriptions are brief but sufficient, illustrations compact but clearly illustrative of critical characters. Whether

you are a professional botanist or just eat and wear things, you will find matter of interest here. (Author, Mt. Pleasant, Iowa, \$1.50; \$2.50, cloth.)

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► **CARONI RIVER** in Venezuela — a "Great South American Klondike" where gold and diamonds are found in the river bed is described in **CARONI GOLD**, by a mining engineer, L. R. Dennison (*Hastings House*, \$2.50).

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## Just Off the Press

**AIRCRAFT ELECTRICAL SYSTEMS**—William F. Jorch—*Ronald Press*, 208 p., illus., \$2. Their Maintenance and Servicing; a Manual for Mechanics.

**THE AMERICAN ANNUAL 1943: An Encyclopedia of the Events of 1942**—A. H. McDannald, editor—*Americana Corporation*, 868 p., illus., \$10.

**THE ARABS**—A Short History—Philip K. Hitti—*Princeton Univ. Press*—224 p., \$2.

**ARE WARS INEVITABLE?**—John R. Swanton—*Smithsonian Institution*—36 p., free upon direct application to Smithsonian. War background studies No. 12.

**BABIES ARE HUMAN BEINGS**—C. Anderson Aldrich and Mary M. Aldrich—*Macmillan*, 128 p., illus., \$1.75.

**BRAZIL IN THE MAKING**—Jose Jobim—*Macmillan*, 318 p., \$3.50.

**CARNEGIE INSTITUTION OF WASHINGTON: Year Book No. 41, July 1, 1941—June 30, 1942**—With Administrative Reports through December 18, 1942—*Carnegie Institution*, 309 p., \$1, paper, \$1.50 cloth. See SNL, Dec. 26, 1942.

**CARONI GOLD**—L. R. Dennison—*Hastings House*, 274 p., illus., \$2.50.

**CHILDREN CAN HELP THEMSELVES**—Marion Olive Lerrigo—*Macmillan*, 219 p., \$2.25. A description of the health habits of normal children.

**CHIMPANZEES**—Robert M. Yerkes—*Yale Univ. Press*, 321 p., illus., \$5. The story of Yale's famous ape colony.

**ELECTRICITY FOR EVERYONE**—Joseph R. Lunt and William T. Wyman—*Macmillan*, 649 p., illus., \$3.25.

**ESSENTIALS OF PLANE AND SPHERICAL TRIGONOMETRY**—Clifford Bell and Tracy Y. Thomas—*Holt*, 142 p., \$1.80. Text book "with special emphasis on the computational or practical side of the subject."

**GERMANY TOMORROW**—*The American Friends of German Freedom*, 17 p., 25c. Pamphlet.

**AN INTRODUCTION TO INDUSTRIAL MYCOLOGY**—George Smith—*Longmans Green*—260 p., illus., \$6. 2d ed.

**THE IRISH STONE AGE**—Hallam L. Movius, Jr.—*Macmillan*, 338 p., illus., \$7.50.

**MASTERS OF MOBILE WARFARE**—Elbridge Colby—*Princeton Univ. Press.*, 155 p., \$2.

**METALWORK: Technology and Practice**—Oswald A. Ludwig—*McKnight & McKnight*, 397 p., illus., \$4.

**A TEXTBOOK OF APPLIED MICROBIOLOGY AND PATHOLOGY**—By Thurman Brooks Rice—*Macmillan*, 397 p., illus., diagr., \$3. 2d ed.

**OUR ARMED FORCES**—*U. S. Office of Education of the Federal Security Agency*—published in cooperation with the U. S. Infantry Association, 130 p., 35c.

**OUR SERVICEMEN AND ECONOMIC SECURITY**—Robert H. Skilton—*American Academy of Political and Social Science*, 218 p., \$2 paper, \$2.50 cloth. (The Annals of the American Academy of Political and Social Science, v. 227, May 1943). Some business problems of men in service.

**PHYSIOLOGY IN AVIATION**—Chalmers L. Gemmill—*Charles C. Thomas*—129 p., \$2. Modern fast planes are no better than the pilots. This book is by the instructor in physiology, School of Aviation Medicine, Naval Air Station, Pensacola, Florida.

**SCIENCE**—Audio Visual and Teaching Aids—Lili Heimers—*New Jersey State Teachers College*, 42 p., 75c. For librarians in the public schools of the State of New Jersey; they may obtain one copy free upon application.

**SELECTION OF OFFICER CANDIDATES**—William L. Woods, Lucien Brouha and Carl C. Seltzer—*Harvard Univ. Press*, 46 p., 4 plates, 75c.

**SOLAR RELATIONS TO WEATHER AND LIFE**—H. H. Clayton—*Clayton Weather Service*—two volumes, illus., \$3. each.

**THE STEEL INDUSTRY**—Josephine Perry—*Longmans, Green*, 126 p., illus., \$1.75.

**THEY NEED NOT VANISH**—A Discussion of the Natural Resources of Michigan—Helen M. Martin, ed.—*Dept. of Conservation, State of Michigan*, 294 p., illus., \$1.

**THIS EXCITING AIR**—The Experiences of a Test Pilot—Boone T. Guyton—*McGraw-Hill*, 219 p., illus., \$2.

**YOUR CAREER IN CHEMISTRY**—Norman V. Carlisle, *Dutton*, 251 p., illus., \$2.50.

**YOUR CHILD, HIS FAMILY AND FRIENDS**—Frances Bruce Strain—*Appleton-Century*, 210 p., illus., \$2. Revised from articles which appeared in *Parents' Magazine*.

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