

Books of the Week

► **BUSY WARWORKERS** and others who want a quick, popular-styled story of the inner-workings of the mightiest air force in the world will find **THE STORY OF THE U. S. ARMY AIR FORCES**, compiled and illustrated with over 100 full color maps, charts and action drawings by Jim Ray (*Garden City*, \$2) a good evening's reading. It gives the answers to what planes we fight with, where we fight from, and what goes on in action. Original and authentic, this delightful book will please the least ardent adult aviation enthusiast, and make a welcome gift for a teen-age air-minded boy or girl.

Science News Letter, April 7, 1945

► **RADIO FREQUENCY** electric waves and other waves with frequencies of alternation in billions of cycles per second, are discussed in **INTRODUCTION TO MICROWAVES** by Dr. Simon Ramo. It is an excellent treatment for persons with some knowledge of the fundamentals of electricity. (*McGraw*, \$1.75)

Science News Letter, April 7, 1945

► **TRUE UNDERSTANDING** of two of the secret weapons of this war, in lucid language the non-technical reader can enjoy, is given in **ROCKETS AND JETS** by Dr. Herbert S. Zim (*Harcourt*, \$3). It contains the type of information that the newspaper reader needs to bring rockets and jet propulsion into true perspective. The book will prove useful in the home, school, office, and in the barracks. It is a book the progressive-thinking reader will always want at his elbow, and one to which he will refer again and again.

Science News Letter, April 7, 1945

► **AIRPLANE CONSTRUCTION** has advanced so rapidly in recent years with the development of high-speed, rocket and jet propelled aircraft that the aero mechanic, engineer, and designer often have difficulty understanding the valuable properties of currently used airframe materials, including plastics. **AIRFRAME MATERIALS** by F. S. Stewart (*McGraw*, \$2.50) successfully correlates the most important recent advances in materials and procedures for applying them to airplanes. Written so that the student will find little difficulty in grasping the technical data, yet detailed enough to make it a valuable desk-reference book for the engineer.

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Just Off the Press

COLLEGE ALGEBRA AND TRIGONOMETRY, a Basic Integrated Course—Frederic H. Miller—*Wiley*, 324 p., illus., \$3.

CONSTITUTION AND DISEASE, Applied Constitutional Pathology—Julius Bauer—*Grune*, 247 p., \$4.

THE GENUS CERATIUM IN THE PACIFIC AND NORTH ATLANTIC OCEANS—Herbert W. Graham and Natalia Bronikowski—*Carnegie Inst.*, 209 p., paper, illus., \$2.

IT'S FUN TO MAKE IT YOURSELF—Stacey Maney, ed.—*Jour. of Living Publishing Corp.*, 384 p., illus., \$2.95.

JANE'S FIGHTING SHIPS, 1943-44—Francis E. McMurtrie, ed.—*Macmillan*, 582 p., illus., \$19.

THE LIVESTOCK OF CHINA—Ralph W. Phil-

lips and others—*Gov't Print. Off.*, 174 p., paper, illus., 30c.

MARINE BOTTOM SAMPLES COLLECTED IN THE PACIFIC OCEAN BY THE CARNEGIE ON ITS SEVENTH CRUISE—Roger R. Revelle — and **RADIUM CONTENT OF OCEAN-BOTTOM SEDIMENTS**—Charles S. Piggot—*Carnegie Inst.*, 196 p., paper, illus., \$2.

THE STORY OF PENICILLIN—Boris Sokoloff —*Ziff-Davis*, 167 p., \$2.

STRESS RELIEF OF WELDMENTS FOR MACHINING STABILITY—J. R. Stitt—*Ohio State Univ., College of Eng'g*, 47 p., paper, illus., 50c, (*Eng'g Experiment Station Bull. no. 121*).

TRAUMA IN INTERNAL DISEASES, with Consideration of Experimental Pathology and Medicolegal Aspects—Rudolf A. Stern—*Grune*, 575 p., \$6.75.

THE WORLD AT WAR, 1939-1944, a Brief History of World War II—Military Intelligence Division, War Dept.—*Infantry Journal*, 416 p., paper, illus., 25c.

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New square *milk bottles* are popular because they conserve space.

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