

First Glances at New Books

► WE ARE REMINDED that the powerful Army Air Forces, now playing such an important part in the defeat of our enemies, had its early beginning within the memory of many of us by the appearance of a new book of historic significance, *HOW OUR ARMY GREW WINGS* (Ronald, \$3.75). One of the authors, Brigadier General Frank P. Lahm, was himself the Army's first airplane pilot, and also the Army's first airship pilot. He prepared the book with the aid of notes, correspondence and manuscripts of the late Col. Charles deForest Chandler who was the first to fire a machine gun from an airplane in flight. It was Col. Chandler's wish to

leave this book as a legacy for future officers of the Air Corps—a legacy they and many others will treasure.

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► RECENT economic developments in a great nation are ably discussed in *BRAZIL IN THE MAKING*, by Jose Jobim (Macmillan, \$3.50). The author, one of that country's leading economists, gives facts and figures that reveal agricultural, mineral and industrial possibilities.

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► AMERICAN HISTORY from a geographical viewpoint is narrated in *YEARS OF THIS LAND: A GEOGRAPHICAL HISTORY OF THE UNITED STATES*, by Her-

mann R. Muelder and David M. DeLo (*Appleton-Century*, \$2.50). This new presentation of the story of our country will make interesting reading for conservation minded persons who should know that "realistic planning for the future can come only from knowledge of the past."

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► GARDENERS who own a rock garden or wall garden will find *ALPINES IN COLOUR AND CULTIVATION*, by T. C. Mansfield, (*Dutton*, \$3.75) helpful and interesting. Plants are described alphabetically and fully and the colored illustrations are conducive to planting.

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• Just Off the Press •

AN AERONAUTICAL REFERENCE LIBRARY: A Selected List of Technical Books Essential to Aeronautical Library—Willard Kelso Dennis, comp.—*Special Libraries Assoc.*, 31 p., \$1.

AIRCRAFT HYDRAULICS—Harold W. Adams—*McGraw-Hill*, 159 p., illus., \$1.75. By the assistant chief designer of Douglas Aircraft Company.

THE AMAZON: The Life History of a Mighty River—Caryl P. Haskins—*Doubleday, Doran*, 415 p., illus., \$4.

ARCHEOLOGICAL STUDIES IN PERU, 1941-1942—W. Duncan Strong—*Columbia Univ. Press*, 224 p., illus., \$3.75.

BOUNTY OF THE WAYSIDE—Walter Beebe Wilder—*Doubleday, Doran*, 256 p., illus., \$2.50. Includes recipes whose ingredients may be found by the wayside.

BRITANNICA BOOK OF THE YEAR, 1943—*Encyclopaedia Britannica*, 812 p., illus., \$10.

A COMPREHENSIVE SMALL ARMS MANUAL—Charles F. Haven—*Morrow*, 159 p., illus., \$1.50.

ECUADOR: Portrait of a People—Albert B. Franklin—*Doubleday, Doran*, 326 p., illus., \$3.50.

ENGINE DESIGN AS RELATED TO AIRPLANE POWER—*General Motors*, 80 p., illus. Free upon direct application to General Motors Corp., Detroit, Mich. Paper. Originally intended for General Motors employees but now available for limited distribution to the public.

FIRST PRINCIPLES OF RADIO COMMUNICATIONS—Alfred Morgan—*Appleton-Century*, 366 p., illus., \$3.

FUNDAMENTAL JOBS IN ELECTRICITY—Edgar Cloud Perry & Harry V. Schaebook—*McGraw-Hill*, 447 p., illus., \$2.20.

GEOLOGY AND GROUND-WATER RESOURCES OF FORD COUNTY, KANSAS—Herbert A. Waite—*Univ. of Kansas*, 250 p., illus., maps, 25c. (State Geological Survey of Kansas, Bulletin 43).

GEOLOGY AND GROUND-WATER RESOURCES OF MEADE COUNTY, KANSAS—John C. Frye—*Univ. of Kansas*, 152 p., illus., maps, 25c. (State Geological Survey of Kansas, Bulletin 45).

GEOPHYSICAL INVESTIGATIONS IN THE TRI-STATE ZINC AND LEAD MINING DISTRICT—J. J. Jakosky, R. M. Dreyer and C. H. Wilson—*Univ. of Kansas*, 151 p., illus., 25c. (State Geological Survey of Kansas, Bulletin 44, also published as Bulletin 24, Engineering Experiment Station).

THE GOEBBELS EXPERIMENT: A Study of the Nazi Propaganda Machine—Derrick Sington and Arthur Weidenfeld—*Yale Univ. Press*, 274 p., illus., \$3.

HEALTH PRACTICE INVENTORY AND MANUAL—Ned. B. Jones—*Stanford Univ. Press*, 4 p., 25 tests, \$1.25; 100 tests, \$3.50; 500 tests, \$15; 1,000 tests or more, per hundred, \$2.50.

HE'S IN THE PARATROOPS NOW—A. D. Rathbone IV—*McBride*, 190 p., illus., \$2.50.

HOW OUR ARMY GREW WINGS: Airmen and Aircraft Before 1914—Charles deForest Chandler and Frank P. Lahm—*Ronald Press Co.*, 333 p., illus., \$3.75.

LUTHER BURBANK: PLANT MAGICIAN—John Y. Beatty—*Messner*, 251 p., illus., \$2.50. For young people.

NAVAL ARCHITECTURE AS ART AND SCIENCE—C. O. Liljgren—*Cornell Maritime Press*, 212 p., illus., maps, \$4.

NUTRITION AND DIET IN HEALTH AND DISEASE—James S. McLester—*Saunders*, 849 p., \$8. Fourth edition.

THE OLD DIRT DOBBER'S GARDEN BOOK—Thomas A. Williams—*McBride*, 246 p., illus., \$2.75.

OLD NAMELESS: The Epic of a U. S. Battlewagon—Sidney Shalett—*Appleton-Century*, 177 p., \$2.

THE PINE TREE SHIELD: A Novel Based on the Life of a Forester—Elizabeth Canfield Flint—*Doubleday, Doran*, 251 p., \$2.50.

POSTWAR PLANNING IN THE UNITED STATES: An Organization Directory 2—*Twentieth Cent. Fund*, 101 p., \$1.

A PRACTICAL GUIDE TO SUCCESSFUL FARMING—Wallace S. Moreland, ed. *Halycon*, 1001 p., illus., \$3.95.

PRINCIPLES OF AERONAUTICAL RADIO ENGINEERING—P. C. Sandretto—*McGraw-Hill*, 413 p., \$3.50. Textbook for persons with preliminary knowledge of radio.

PUBLIC WORKS ENGINEERS' YEARBOOK 1943—*American Public Works Assoc.*, 333 p., \$3.75. Includes Proceedings of the 1942 Public Works Congress, held at Cleveland, Ohio, Oct. 18-21, 1942.

QUESTIONS AND ANSWERS FOR MARINE ENGINEERS—Capt. H. C. Dinger, comp.—*Simmons—Boardman Publ. Co.*, 159 p., illus., \$1 (paper).

RELATIVITY AND ITS ASTRONOMICAL IMPLICATIONS—Philipp Frank—*Sky Publishing Corp.*, 23 p., illus., 50c. Paper. "The significance of general relativity presented in the language of the layman."

A SENSE OF HUMUS—Bertha Damon—*Simon and Schuster*, 250 p., illus., \$2.50.

A SOCIAL PSYCHOLOGY OF WAR AND PEACE—Mark A. May—*Yale Univ. Press*, 284 p., \$2.75.

WARTIME FACTS AND POSTWAR PROBLEMS: A Study and Discussion Manual—Evans Clark, ed.—*Twentieth Century Fund*, 136 p., 50c.

WILLIAM MCDUGALL: A Bibliography Together With a Brief Outline of His Life—A. M. Lewin Robinson—*Duke Univ. Press*, 54 p., \$1.50. Writings of a famous psychologist.

YEARS OF THIS LAND: A Geographical History of the U. S.—Hermann R. Muelder and David M. DeLo—*Appleton-Century*, 243 p., illus., \$2.50.

YOUR ARTHRITIS: What You Can Do About It—Alfred E. Phelps—*Morrow*—192 p., illus., \$2.

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