

# • Books Just Off the Press •

- AERIAL NAVIGATION—W. E. Dyer—*American Technical Society*, 64 p., 75c. Contains, in a pocket attached to the back cover, an "Air Navigation Slide Rule".
- THE AIR WE LIVE IN (Air-Age Education Series)—George T. Renner and Hubert A. Bauer—*Macmillan*, 51 p., illus., 36c.
- AIRCRAFT ENGINE TROUBLE SHOOTING CHART—arranged by Andrew Wallace—*Henley*, 75c.
- AIRCRAFT SPOT AND SEAM WELDING—George Kuntz—*Pitman*, 108 p., \$1.25.
- THE AMATEUR SCIENTIST—W. Stephen Thomas—*Norton*, 291 p., illus., \$3. "Science as a hobby".
- THE AMERICAN ANNUAL OF PHOTOGRAPHY (vol. 57)—Frank R. Fraprie and Franklin I. Jordan, eds.—*American Photographic Pub. Co.*, 240 p., illus., \$1.50, paper; \$2.25, cloth. Beautiful photographs plus art by experts. Includes the Who's Who and a formulary.
- AMERICAN TREES—by Russell T. Limbach—*Random*, 39 p., illus., \$1. Nice illustrations, some of which are in color.
- AUSTRALIAN FRONTIER—Ernestine Hill—*Doubleday, Doran*, 332 p., illus., \$3.50. Not scientific, but because of its topical interest should prove popular.
- BASIC MATHEMATICS—Walter W. Hart—*Heath*, 456 p., illus., \$1.52.
- THE BIOLOGY OF FLIGHT, A Text for High School Students (Air-Age Education Series)—Frederick L. Fitzpatrick and Karl A. Stiles—*Macmillan*, 162 p., illus., 64c.
- BIRDS OF NORTH CAROLINA—by T. Gilbert Pearson, C. S. Brimley—*North Carolina Dep't of Agr.*, 416 p., illus., \$3.50. Beautiful illustrations, some in color.
- THE BOYS' BOOK OF COMMUNICATIONS—Raymond Francis Yates—*Harper*, 144 p., illus., \$2.
- CHEMISTRY OF INSECTICIDES AND FUNGICIDES—Donald E. H. Frear—*Van Nostrand*, 300 p., illus., \$4.
- CLIMATE MAKES THE MAN—Clarence Alonzo Mills—*Harper*, 320 p., \$3.
- THE COMING BATTLE OF GERMANY—William B. Ziff—*Duell, Sloan & Pearce*, 280 p., \$2.50.
- CRAFTS IN WARTIME—Marguerite Ickis—*National Recreation Ass'n.*, 22 p., 35c.
- DOCTORS OF THE MIND—Marie Beynon Ray—*Little, Brown*, 335 p., \$3. A popular interpretation of the history of psychiatry. Scientifically unsound.
- EAT WELL FOR LESS MONEY—Gaynor Maddox—*Dutton*, 219 p., \$2.
- EDUCATION FOR THE AIR AGE: A Guide for Teachers and Administrators (Air-Age Education Series)—N. L. Engelhardt, Jr.—*Macmillan*, 55 p., 24c.
- EDUCATION IN WARTIME—Porter Sargent—*Porter Sargent*, 224 p., \$1.50.
- ELEMENTS FOR PRE-FLIGHT AERONAUTICS FOR HIGH SCHOOLS (Air-Age Education Series)—Aviation Education Research Group, Teachers College, Univ. of Nebraska—*Macmillan*, 556 p., illus. 96c.
- THE ENGINEER'S SKETCH BOOK—Thomas Walter Barber—*Chemical Pub. Co.*, 355 p., illus., \$4.25. "Mechanical movements, devices, appliances, contrivances and details".
- FIGHTING PLANES OF THE WORLD—Bernard A. Law—*Random*, 72 p., illus., \$1. New and revised edition.
- FLYING HIGH (Air-Age Education Series)—Rose N. Cohen—*Macmillan*, 332 p., illus., 76c.
- THE FLYING TIGERS—Russell Whelan—*Viking*, 224 p., \$2.50.
- FOOD, A WEAPON FOR VICTORY—Bertram Baynes Fowler—*Little, Brown*, 185 p., \$1.50.
- GEOGRAPHIC EDUCATION FOR THE AIR AGE: A Guide for Teachers and Administrators (Air-Age Education Series)—George T. Renner—*Macmillan*, 17 p., 20c.
- GLOBES, MAPS, AND SKYWAYS (Air-Age Education Series)—Hubert A. Bauer—*Macmillan*, 75 p., illus., 40c.
- HOW TO GET AHEAD IN A DEFENSE PLANT—Kenneth C. Hawthorne—*Crowell*, 270 p., illus., \$2.50. Pre-industrial training.
- HUMAN GEOGRAPHY IN THE AIR AGE (Air-Age Education Series)—George T. Renner—*Macmillan*, 251 p., illus., 64c.
- LABORATORY GEOMETRY—Elizabeth Roubush—*Prentice-Hall*, 192 p., \$1.12.
- MARKETING UNDER WAR CONDITIONS—Edgar H. Gault—*Univ. of Michigan, School of Business Adminis.*, 52 p., \$1.
- MEET THE NATIVES—M. Walter Pesman—*Published by author*, 216 p., illus., \$1.25. "An easy way to recognize Rocky Mountain wildflowers, trees, and shrubs".
- THE NATIONAL PAINT DICTIONARY (2nd ed.)—Jeffrey R. Stewart—*Stewart Research Laboratories*, 224 p., illus., \$7.50.
- THE OCEANIC TINTINNOIA OF THE PLANKTON GATHERED DURING THE LAST CRUISE OF THE CARNEGIE—Arthur Shackleton Campbell—*Carnegie Institution*, 163 p., illus., \$2.50.
- OHIO STREAM DRAINAGE AREAS AND FLOW DURATION TABLES—Claude H. Wall and C. V. Youngquist—*Ohio State Univ.*, 73 p., 75c.
- OUR NEW ARMY—Marshall Andrews—*Little, Brown*, 225 p., \$1.50. Written by a staff-writer of the WASHINGTON POST.
- OUTLINES OF ECONOMIC ZOOLOGY—Albert M. Reese—*Blakiston*, 359 p., illus., \$3.25. Fourth edition.
- THE PRACTICAL ESSENTIALS OF PRE-TRAINING NAVIGATION—William T. Skilling and Robert S. Richardson—*Holt*, 113 p., 75c.
- PRINCIPLES OF STRUCTURAL GEOLOGY—Charles Merrick Nevin—*Wiley*, 320 p., illus., \$3.50. Third edition.
- THE SHIPS AND AIRCRAFT OF THE UNITED STATES FLEET—James C. Fahey—*Ships and Aircraft*, 64 p., illus., \$1. Photographs and data. Information not readily available to the enemy has been excluded.
- SNOWBALL, ADVENTURES OF A YOUNG GORILLA—Osa Johnson—*Random*, \$1.50. Juvenile.
- SOCIAL STUDIES FOR THE AIR AGE (Air-Age Education Series)—Hall Bartlett—*Macmillan*, 169 p., illus., 60c.
- SOY BEAN RECIPES—Mildred Lager—*House of Better Living*, 43 p., 50c.
- TEACHERS' MANUAL FOR THE BIOLOGY OF FLIGHT (Air-Age Education Series)—Frederick L. Fitzpatrick and Karl A. Stiles—*Macmillan*, 27 p., 20c.
- THRIFTY COOKING FOR WARTIME—Alice Winn-Smith—*Macmillan*, 147 p., \$1.50.
- 2,100 NEEDED INVENTIONS—Raymond F. Yates—*Wilfred Funk*, 252 p., \$2. A source book, with ideas classified under respective headings such as "Chemical", "Electrical", etc.
- ULTRA-HIGH FREQUENCY TECHNIQUES—J. G. Brainerd—*Van Nostrand*, 534 p., illus., \$4.50.
- UNLOCKING ADVENTURE—Charles Courtney—*Whittlesey*, 335 p., illus., \$2.50. An autobiography of a famous locksmith.
- WILD ANIMALS OF THE ROCKIES—William Marshall Rush—*Harper*, 296 p., illus., \$3. A book, written by a ranger in the United States Forest Service, who believes Americans should be better informed about our game resources in order to properly conserve them.
- WINGS FOR YOU (Air-Age Education Series)—E. A. Cross—*Macmillan*, 355 p., illus., 76c.

## ● First Glances ●

► A FIRST volume in what will undoubtedly prove to be an invaluable reference book for systematic ornithologists is the CATALOGUE OF BIRDS OF THE AMERICAS AND THE ADJACENT ISLANDS IN FIELD MUSEUM OF NATURAL HISTORY, (Part I, No. I.) by Charles E. Hellmayer and Boardman Conover (*Field Museum of Natural History*, \$5.) This first section covers families from Rheidae to Columbidae.

*Science News Letter, October 24, 1942*

► AMATEUR SCIENCE plays a larger part in our communities than most of us have suspected. The American Philosophical Society's stimulating inquiry into scientific investigations not on the full-time professional level showed thousands of men and women who are experts even though they do their researchings as hobbies. W. Stephen Thomas' THE AMATEUR SCIENTIST (*Norton*, \$3) is the report of this pioneering investigation into adult amateur science activities. The large interest and wide participation in science as a hobby by boys and girls of high school ages is being developed through Science Clubs of America with an accent on preparation for war. Under war conditions much interest that would be devoted to hobby activities in science by older people may be diverted to added hours of war effort in regular tasks. When this stress is over, there should be a great development in amateur science for the sake of the persons participating, their communities and the world.

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