

# First Glances at New Books

► **INSECTS** and what to do about them are almost as sure-fire a topic of conversation as the weather. Interest does not flag in Anthony Standen's **INSECT INVADERS**: the author presents just about all the facts one ordinarily finds in a dry-as-dust tome on economic entomology, but keeps the manner as lively as a historical novel or a good popular biography. Illustrations are excellent. (*Houghton Mifflin*, \$3.50.)

*Science News Letter, March 6, 1943*

► **BOTANISTS IN THE MIDWEST**, and indeed over the nation generally,

will welcome the new **FIELDBOOK OF NATIVE ILLINOIS SHRUBS**, by Leo R. Tehon. The species are well described and "keyed out," the line drawings and colored illustrations will aid in making identifications. All round, it is a good book to slip into your pocket when you go walking (*State of Illinois, Natural History Survey Division*, \$1.25).

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► **FASCINATING NEW HORIZONS** suddenly open up before the boy or girl who first begins to peer through a microscope. In **FUN WITH YOUR MICROSCOPE**,

Raymond F. Yates gives many practical hints to young microscopists, even showing them how to make photomicrographs and how to build a simple microprojector. (*Appleton-Century*, \$2.)

*Science News Letter, March 6, 1943*

► **THE GARMENT OF GOD** is a book of essays on the influence of nature in human experience by John C. Merriam, retired president of the Carnegie Institution of Washington, who has thought long and carefully on this subject. (*Scribner's*, \$2.)

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## • Just Off the Press •

**AIR NEWS YEARBOOK**—Phillip Andrews, editor—*Duell, Sloan & Pearce*, 264 p., illus., \$3.75. Beautifully illustrated book, compiled by editor of Air News magazine, showing plane types of the different fighting countries.

**BASIC ELECTRICITY**—John L. Feirer and Ralph O. Williams—*Manual Arts Press*, 244 p., illus., \$1.92. A pre-induction training course.

**BUILD IT YOURSELF!** A Hundred Good Ideas for Making your Home More Comfortable—Michael Rothman—*Greenberg*, 140 p., illus., \$1.75.

**COLEOPTERA: TENEBRIONIDAE**—Frank E. Blaisdell, Sr.—*California Academy of Sciences*, 287 p., 2 plates, \$1.50. Proceedings of the California Academy of Sciences fourth series—Contributions Toward a Knowledge of the Insect Fauna of Lower California.

**COLLEGE PHYSICS**—Henry A. Perkins—*Prentice-Hall*, 802 p., illus., \$4.50. Revised edition. Textbook.

**DIFFERENTIAL EQUATIONS**—Harry W. Reddick—*Wiley*, 245 p., illus., \$2.50. Textbook.

**FIELDBOOK OF NATIVE ILLINOIS SHRUBS**—Leo R. Tehon—*State of Illinois*, 307 p., illus., \$1.25. Natural History Survey Division, Manual 3.

**FUN WITH YOUR MICROSCOPE**—Raymond F. Yates—*Appleton-Century*, 150 p., illus., \$2. For young scientists.

**FUNDAMENTAL SHOP TRAINING: For Those Preparing for War Service**—John T. Shuman, Bailey Wright, and James Ritchey—*American Technical Society*, 327 p., illus., \$2. A pre-induction training course.

**FUNDAMENTALS OF ELECTRICITY: A Pre-Induction Course at the Foundation Level**—Charles E. Dull and Michael N. Idelson—*Holt*, 456 p., illus., \$1.48. A pre-induction training course.

**FUNDAMENTALS OF ELECTRICITY: For Those Preparing for War Service**—Wynne L. McDougal, Richard R. Ranson, and Carl H. Dunlap—*American Technical Society*, 388 p., illus., \$2. A pre-induction training course.

**FUNDAMENTALS OF MACHINES**—John A.

Clark, Frederick Russell Gorton, Francis W. Sears, Francis C. Crotty—*Houghton, Mifflin*, 300 p., illus., \$1.24. A pre-induction training course.

**FUNDAMENTALS OF MACHINES: A Pre-Induction Course at the Foundation Level**—Charles E. Dull and G. Newlin—*Holt*, 547 p., illus., \$1.48. A pre-induction training course.

**FUNDAMENTALS OF MACHINES: For Those Preparing for War Service**—Glenn M. Hobbs, L. H. Morrison, and Ray F. Kuns—*American Technical Society*, 294 p., illus., \$2. A pre-induction training course.

**GEORGE WESTINGHOUSE: Fabulous Inventor**—H. Gordon Garbedian—*Dodd, Mead*, 235 p., illus., \$2.50.

**A GUIDE TO CATHODE RAY PATTERNS**—Merwyn Bly—*Wiley*, 39 p., illus., \$1.50.

"A summary of cathode ray pattern types encountered in the usual course of laboratory and test bench work". Paper bound.

**MANAGEMENT OF SMALL ARTIFICIAL LAKES: A summary of Fisheries Investigations, 1938-1942**—George W. Bennett—*State of Illinois*, 24 p., illus., free upon direct application to the Illinois Natural History Survey, Urbana, Illinois. (Bulletin of the Illinois Natural History Survey, vol. 22, article 3.)

**MASTER MARINER: The Life and Voyages of Amasa Delano**—James B. Connolly—*Doubleday, Doran*, 324 p., \$3.

**MENDING MEN'S SUITS**—Clarice L. Scott and Anne F. Hagood—*Gov't Print. Off.*, 23 p., illus., 10c. (U. S. Department of Agriculture Miscellaneous Publication No. 482.) Welcome and timely instructions for conservation-minded women.

**THE NATIVE PEOPLES OF NEW GUINEA**—M. W. Stirling—*Smithsonian Institution*, 25 p., 28 plates. Free upon direct application to the Smithsonian Institution. (Smithsonian Institution War Background Studies Number Nine.)

**NICHOLAS COPERNICUS 1543-1943**—Stephen P. Mizwa—*Kosciuszko Foundation*, 88 p., illus., 75c. Pamphlet bound.

**OFFICIAL PUBLICATIONS OF PRESENT-DAY GERMANY: Government, corporate organizations and National Socialist Party, with**

an outline of the Governmental Structure of Germany—Otto Neuburger—*Gov't Print. Off.*, 130 p., 20c.

**QUESTIONS AND ANSWERS FOR MARINE ENGINEERS**—Compiled by H. C. Dinger—*Simmons-Boardman*, 81 p., \$1. (Book IV—Applications of Steam and Heat in Producing Power.)

**RECENT ADVANCES IN AMERICAN ARCHAEOLOGY**—*American Philosophical Society*, 327 p., illus., \$1. (Proceedings of the American Philosophical Society, Vol. 86, No. 2.)

**REPORT ON THE PROGRESS AND CONDITION OF THE UNITED STATES NATIONAL MUSEUM FOR THE YEAR ENDED JUNE 30, 1942**—*Smithsonian Institution*—*Gov't Print. Off.*, 118 p., 20c.

**SIAM—LAND OF FREE MEN**—H. G. Deignan—*Smithsonian Institution*, 18 p., illus. Free upon direct application to Smithsonian Institution. (Smithsonian Institution War Background Studies: Number 8.)

**THE STORY OF WEAPONS AND TACTICS: From Troy to Stalingrad**—Tom Wintringham—*Houghton, Mifflin*, 230 p., \$2.25.

**STUDIES OF NORTH AMERICAN PLECOPTERA: With Special Reference to the Fauna of Illinois**—T. H. Frison—*State of Illinois*, 125 p., illus. (Bulletin of the Illinois Natural History Survey, Volume 22, Article 2.) \$1.

**TABLES OF DATA ON CHEMICAL COMPOSITIONS, PHYSICAL AND MECHANICAL PROPERTIES OF WROUGHT CORROSION-RESISTING AND HEAT-RESISTING CHROMIUM AND CHROMIUM-NICKEL STEELS**—A. S. T. M. Committee A-10 on Iron-Chromium, Iron-Chromium-Nickel, and Related Alloys—*American Society for Testing Materials*, 43 p., charts, \$1.25.

**WORLD ECONOMICS**—Bulletin of the Institute of World Economics—Volume 1—Numbers 1-2—*Institute of World Economics*, 120 p. Free to members. \$1. New journal addressed to forward looking readers.

**ZINC IN WARTIME**—*American Zinc Institute*, 22 p., illus. Free upon written request to the American Zinc Institute Pamphlet