

Books of the Week

➤ **ENTHUSIASTS** for tropical fishes and similar amiable hobbies will find much useful information in Edward T. Boardman's **GUIDE TO HIGHER AQUARIUM ANIMALS**. It describes many interesting native reptiles and batrachians as well as the more familiar fishes, and it has many good illustrations. (*Cranbrook Inst.*, \$2.)

Science News Letter, October 14, 1944

➤ **AIR NAVIGATION** is discussed according to the standards required by the International Committee of Air Navigation in **HANDBOOK OF AIR NAVIGATION** by W. J. Vanderkloot (*McGraw*, \$3.50). The book is valuable as a refresher for the trained navigator. Novices may find this book beyond their grasp, but will have a valuable reference manual.

Science News Letter, October 14, 1944

➤ **PHYSIOLOGICAL** processes are increasingly interpreted in terms of enzyme action. Physiologists and biochemists who appreciate this fact can be expected to give a good welcome to **ADVANCES IN ENZYMOLOGY**, edited by F. F. Nord and C. H. Werkman (*Interscience*, \$5.50). The book is just what its title professes it to be: not a complete text but rather a discussion of some of the newer things in its particular discipline.

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Just Off the Press

ADVANCES IN PROTEIN CHEMISTRY—M. L. Anson and John T. Edsall—*Academic Press*, 341 p., illus., vol. I, \$5.50. Vol. II in preparation.

CONTROL OF DESTRUCTIVE MICE—F. E. Garlough—*Govt. Printing Office*, 37 p., free. Conservation Bulletin No. 36, U. S. Dept. of the Interior, Fish and Wildlife Service.

DANA'S SYSTEM OF MINERALOGY—Charles Palache and others—*Wiley*, 834 p., illus., Vol. I, \$10.

ENOUGH AND TO SPARE: Mother Earth Can Nourish Every Man in Freedom—Kirtley F. Mather—*Harper*, 186 p., illus., \$2.

A FIELD COLLECTOR'S MANUAL IN NATURAL HISTORY—Prepared by Members of the Staff of the Smithsonian Institution—*Smithsonian Inst.*, 118 p., illus., paper, 50 cents.

HIGHWAY RESEARCH BOARD—Proceedings of the Twenty-third Annual Meeting—Roy W. Crum and Fred Burggraf—*Govt. Printing Office*, 606 p., illus., \$3.50.

HISTORY OF COLOR PHOTOGRAPHY—Joseph S. Friedman—*Am. Photographic Pub.*, 514 p., illus., \$10.

LATIN AMERICAN YEAR: A Pictorial Calendar for 1945—Kurt Severin—*Duell*, illus., paper, \$2. Eagle Books.

MATERIALS MANAGEMENT: A Problem of the Airframe Industry—Howard T. Lewis and Charles A. Livesey—*Harvard Univ.*, 48 p., paper, \$1.50.

MEET THE ELECTRON—David Grimes—*Pitman*, 120 p., illus., \$2.

A PSYCHOLOGIST LOOKS AT LOVE—Theodor Reik—*Farrar*, 300 p., \$3.

SAMPLING INSPECTION TABLES: Single and Double Sampling—Harold F. Dodge and Harry G. Romig—*Wiley*, 106 p., illus., \$1.50.

THE SOILS OF EQUATORIAL REGIONS WITH SPECIAL REFERENCE TO THE NETHERLANDS EAST INDIES—E. C. Jul. Mohr—*Edwards Bros., Inc.*, 766 p., illus., \$7.50. Trans. from the *Nederlandsch* by Robert L. Pendleton.

THE TECHNIQUE OF THE TERRAIN: Maps and Their Use in the Field in Peace and War—H. A. Musham—*Reinhold*, 228 p., illus., \$3.85.

TO THE SOUTH—Kurt Severin and Lenore Sorsby—*Duell*, 244 p., illus., \$3. Eagle Books.

VITAMINS AND HORMONES: Advances in Research and Applications—Robert S. Harris and Kenneth V. Thimann—*Academic Press*, 514 p., illus., Vol. 2, \$6.80.

WARSHIPS OF THE WORLD—Roger Kafka and Roy L. Pepperburg, eds.—*Cornell Maritime*, 1038 p., illus., \$15.

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AERONAUTICS

Double-Deck Cargo Plane Designed for Postwar Use

➤ A NEW double-deck, four-engined cargo plane for postwar commercial use is being built along the same general design as the B-29 Superfortress.

Built by Boeing Aircraft Company, Seattle, the principal difference between the cargo version of the B-29 and the present bomber itself will be a larger

fuselage. This will make it possible for the new plane to carry greater amounts of cargo and more passengers. General weight and performance of the new plane are expected to be about the same as the Superfortress.

The double-deck interior arrangement will bring to aircraft a feature long popular in motor buses in large cities. Passengers will be carried on two levels, with staircases connecting. Under certain circumstances, cargo may be carried on the lower deck instead of passengers.

While the new Boeing plane will be larger than the largest transport now flying, the Lockheed Constellation, it will be smaller than the commercial cargo and passenger plane now under way at the Consolidated Vultee plant at Fort Worth, Texas.

No aircraft plants other than those mentioned have announced plans for a super-cargo plane for land flying exclusively. Largest sea-going aircraft is the Martin Mars, several of which are now in use by the Navy, connecting West Coast ports with points in the Pacific. Douglas Aircraft is expected to announce its contribution to the big plane field upon the completion of research it is now conducting to determine from users of aircraft in peacetime just what features they will want in the planes they will use.

And so, the B-29 without any sting will be offered as a super-cargo plane after the war.

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