

# Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N. Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

**ALL ABOUT MOTHS AND BUTTERFLIES**—Robert S. Lemmon—*Random House*, 148 p., illus. with drawings by Fritz Kredel, \$1.95. Attractive information for the young nature student and collector.

**ALL ABOUT STRANGE BEASTS OF THE PAST**—Roy Chapman Andrews—*Random House*, 146 p., illus. with drawings by Matthew Kalmenoff, \$1.95. The author turns time back a million years to show young readers such creatures as the saber-toothed tiger and the Beast of Baluchistan.

**AMERICAN MOTHS OF THE SUBFAMILY PHYCITINAE**—Carl Heinrich—*Govt. Printing Office*, Smithsonian, 581 p., illus., \$5.50. Reporting a 25-year study of New World moths, including 194 genera, 619 species and 21 subspecies (local races). Of these, 60 genera, 81 species and 8 races are new.

**ANNOTATED, SUBJECT-HEADING BIBLIOGRAPHY OF TERMITES 1350 B.C. to A.D. 1954**—Thomas E. Snyder—*Smithsonian*, Miscellaneous Collections, Vol. 130, 305 p., paper, \$4.00. The earliest reference was in Sanskrit to "ghuna" as destroyers of wood.

**CREATIVE COMMUNICATION**—Edwin Laird Cady—*Reinhold*, 158 p., illus., \$2.50. The author calls this an attack upon our latest model Tower of Babel. Telling engineers how to write.

**DAYS WITH BIRDS: Studies of Habits of Some East African Species**—V. G. L. Van Someren—*Chicago Natural History Museum*, Fieldiana: Zoology, Volume 38, 520 p., illus., paper, \$8.00. Not a treatise or a text book, but a collection of first-hand observations of a bird lover, written in non-technical language and intended especially for youngsters and nature lovers. In making the study, no creature was shot, not even predators such as leopards.

**DICTIONARY OF POISONS**—Ibert Mellan and Eleanor Mellan—*Philosophical Library*, 150 p., \$4.75. Listing poisons alphabetically from acetaldehyde to zinc phosphide and telling for each what to do as emergency treatment until the doctor comes.

**ELEMENTS OF RADIO**—Charles I. Hellman—*Van Nostrand*, 3d ed., 354 p., illus., \$4.95. An introduction to a subject of particular interest to students of radio and electricity and to hobbyists.

**EVALUATION OF TYPICAL OREGON BASE-COURSE MATERIALS BY TRIAXIAL TESTING**—Marvin A. Ring Jr.—*Oregon State College*, Engineering Experiment Station Bulletin No. 37, 48 p., illus., paper, 50 cents. The shearing strength of soil is its most significant strength property, and this can be measured by an apparatus called a triaxial shear machine.

**THE FIRST BOOK OF CODES AND CIPHERS**—Sam and Beryl Epstein—*Franklin Watts*, 62 p., illus., \$1.95. Most children are fascinated by secret languages. This little book explains for them the use of codes and ciphers.

**HANDBOOK OF HISTOLOGY**—Karl A. Stiles with an introduction by Melvin H. Knisely—*Blakiston-McGraw-Hill*, 4th ed., 240 p., illus., paper, \$3.00. Thoroughly revised edition of a standard textbook formerly entitled "Handbook of Microscopic Characteristics of Tissues and Organs."

**IMMUNIZATION INFORMATION FOR INTERNATIONAL TRAVEL**—Division of Foreign Quarant

tine, U. S. Public Health Service—*Govt. Printing Office*, 61 p., illus., paper, 25 cents. Includes maps showing the parts of the world where yellow fever is endemic.

**LIGHT-SCATTERING IN PHYSICAL CHEMISTRY**—K. A. Stacey—*Academic*, 230 p., illus., \$6.75. A review of the main outlines of the theory, practice and use of this technique.

**METAL POWDER ASSOCIATION: Proceedings, Twelfth Annual Meeting, April 11-12, 1956**—E. A. Anderson and E. H. Rennhack and others—*Metal Powder Association*, 130 p., illus., paper, \$3.00. Devoted to advances in all fields of powder metallurgy.

**THE NATIONAL AERONAUTICAL COLLECTIONS: Smithsonian Institution, National Air Museum**—Paul E. Garber—*Smithsonian*, 9th ed., Publication 4255, 166 p., illus., paper, \$1.50. The exhibits described here trace the history of aviation from the Wright Brothers until today.

**RESEARCH AND DEVELOPMENT BY NONPROFIT RESEARCH INSTITUTES AND COMMERCIAL LABORATORIES, 1953**—Sidney C. Sufirin and others—*Govt. Printing Office*, Maxwell Research Center, Syracuse University for the National Science Foundation, 81 p., paper, 50 cents. Results of a survey of all known research institutes and a substantial sample of commercial laboratories. (See p. 22.)

**SCIENCE AND SURGERY**—Frank G. Slaughter—*Permabooks*, 272 p., paper, 35 cents. Completely rewritten edition of a book originally published by Messner under the title "The New Science of Surgery" in 1946.

**WEATHER ANALYSIS AND FORECASTING: Volume I Motion and Motion Systems**—Sverre Petterssen—*McGraw-Hill*, 2d ed., 428 p., illus., \$8.50. Providing a text for the reorientation of the training of forecasters.

Science News Letter, October 13, 1956

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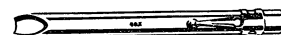
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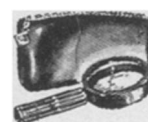
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