

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. books in print, send a remittance to cover retail price (postage will be paid in U. S.) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.


AGRICULTURAL ORIGINS AND DISPERSALS—Carl A. Sauer—*American Geographical Society*, 110 p., illus., \$4.00. A geographer presents his theories of the beginnings of agriculture, milking, and domestication of herd animals.

AUDUBON'S BUTTERFLIES, MOTHS, AND OTHER STUDIES—Alice Ford, Ed.—*Studio and Crowell*, 120 p., illus., \$5.75. First publication of some original paintings by Audubon presented to Mrs. Charles Basham in 1824 and handed down in her family since.

BENCH METAL WORK—Robert E. Smith—*McKnight & McKnight*, 72 p., illus., paper, \$1.00. An elementary text on the use of hand tools in metalworking. Revised edition of the title "Units in Bench Metalwork."

CAREERS IN CHEMISTRY AND CHEMICAL ENGINEERING—Walter J. Murphy and others—*Fisher Scientific Company*, 94 p., illus., paper, free upon request to publisher, 717 Forbes Street, Pittsburgh 19, Pa. This is the same excellent booklet previously available through the American Chemical Society.

THE CHEMISTRY AND PHYSIOLOGY OF THE



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NUCLEUS: Experimental Cell Research, Supplement 2, 1952—V. T. Bowen and M. J. Moses, Eds.—*Academic Press*, 402 p., illus., \$7.00. Papers presented at the Brookhaven symposium on nuclear chemistry and biology together with the recorded discussions.

CONTEMPORARY ETHIOPIA—David Abner Talbot—*Philosophical Library*, 267 p., \$4.50. The American editor of an Ethiopian newspaper writes of the progress made in that country since Haile Selassie became emperor.

CORE CURRICULUM DEVELOPMENT PROBLEMS AND PRACTICES—Grace S. Wright—*Govt. Printing Office*, Office of Education Bulletin 1952, No. 5, 104 p., paper, 30 cents.

CONTRIBUTIONS TO THE ANTHROPOLOGY OF THE FAIYUM, SINAI, SUDAN, KENYA—Henry Field—*University of California Press*, 352 p., paper, \$4.00. Because the author's survey from Transjordan to the central Caucasus had indicated physical and cultural links with Egypt, it was desirable to compile new data there and comparative material for the Nile Valley and Sinai.

FEDERAL FUNDS FOR EDUCATION 1950-51 and 1951-52—Clayton D. Hutchins and Albert R. Munse—*Govt. Printing Office*, Office of Education Bulletin 1952, No. 12, 92 p., paper, 30 cents. About six per cent of the Federal budget is spent for public education.

FINAL REPORT ON ROAD TEST ONE—Md.: Effect of Controlled Truck Axle Loadings on Concrete Pavement—Fred Burggraf, Chairman—*Highway Research Board*, Special Report 4, 142 p., illus., paper, \$2.25.

GENERAL SHOP ELECTRICITY—A. W. Dragoo and C. B. Porter—*McKnight & McKnight*, 4th rev. ed., 119 p., illus., paper, \$1.25. Intended as a text for a shop course, this book gives instructions for projects that would provide fun for hobbyists or utility in the home.

LIBERAL ARTS DICTIONARY IN ENGLISH, FRENCH, GERMAN, SPANISH—Mario A. Pei and Frank Gaynor, Eds.—*Philosophical Library*, 307 p., \$6.00. Words used in works on literature, art and philosophy with their equivalents in three other languages.

THE MECHANISMS OF DISEASE: A Study of the Autonomic Nervous System, the Endocrine System and the Electrolytes in Their Relationship to Clinical Medicine—Joseph Stambul—*Froben*, 746 p., \$15.00. Gathering together facts about the state of malfunctioning between health and disease during which disease can be fought best.

MILKMAN FREDDY—Elizabeth Helfman—*Messner*, 63 p., illus., \$1.50. A story for children portraying daily life on a dairy farm.

MR. WIZARD'S SCIENCE SECRETS—Don Herbert—*Popular Mechanics Press*, 264 p., illus., \$3.00. The author of a popular television program here tells his young fans how to perform the "tricks" that are really science experiments.

THE MODAL PERSONALITY STRUCTURE OF THE

TUSCARORA INDIANS AS REVEALED BY THE RORSCHACH TEST—Anthony F. C. Wallace—*Govt. Printing Office*, Bureau of American Ethnology Bulletin 150, 120 p., illus., paper, 60 cents. Evidence has been found that the personality structure in aboriginal times was similar to that revealed by the Rorschach today.

PRINCIPLES OF ELECTRICITY—Wendell H. Cornet—*McKnight & McKnight*, rev. ed., 341 p., illus., \$4.00. An elementary text for use in high school, trade school or college.

RALPH J. BUNCHE: Fighter for Peace—J. Alvin Kugelmas—*Messner*, 174 p., illus., \$2.75. A biography for young people telling about the adventurous and important life of the Nobel Prize winner, grandson of a slave.

SIGMUND FREUD—Rachel Baker—*Messner*, 201 p., \$2.75. A biography for young people. Contains a glossary of Freudian terms.

SOIL MICROBIOLOGY—Selman A. Waksman—*Wiley*, 356 p., illus., \$6.00. The soil under our feet is not a mass of dead debris; it is teeming with life. Upon the living microorganisms depend soil fertility. By the winner of this year's Nobel Prize.

STATISTICS OF HIGHER EDUCATION: Receipts, Expenditures and Property—Henry G. Badger and Maude Farr—*Govt. Printing Office*, Office of Education Biennial Survey of Education in the United States, 1948-50, Chapter 4, Section II, 61 p., paper, 20 cents.

STEPPING STONES TO THE SOUTH POLE—J. R. Nichol—*Library Publishers*, 199 p., illus., \$3.75. An account of the series of adventurous exploration voyages to the Antarctic.

SUNSET PRUNING HANDBOOK—Roy L. Hudson—*Lane*, 80 p., illus., paper, \$1.50. Help for the home gardener in putting his place in good shape for the winter.

THE TEACHING OF GENERAL BIOLOGY IN THE PUBLIC HIGH SCHOOLS OF THE UNITED STATES: An Inquiry into Offerings, Enrollments, Course Organization, Facilities, Equipment and Expenditures, 1949-50—W. Edgar Martin—*Govt. Printing Office*, Office of Education Bulletin 1952, No. 9, 46 p., paper, 20 cents. This subject is taught in 95% of the public high schools surveyed.

THE UNIVERSE WE LIVE IN—John Robinson—*Crowell*, 252 p., illus., \$4.50. Creation, it is indicated, is a continuous process and much remains to be discovered about the great universe around us.

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