

• Books of the Week •

For the editorial information of our readers, books received for review are listed. For convenient purchase of any U. S. book in print, priced at 95¢ or over, 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.

ADVENTUROUS ALLIANCE: The Story of the Agassiz Family of Boston—Louise Hall Tharp—*Little*, 354 p., illus., \$5. The marriage of the Swiss naturalist and the Bostonian who became founder of Radcliffe College.

THE ANATOMICAL LIFE OF THE MOSQUITO—R. E. Snodgrass—*Smithsonian Inst.*, 87 p., illus., paper, \$1. Study of the specialized anatomy of this "highly successful insect."

APPLIED SOLAR ENERGY RESEARCH: A Directory of World Activities and Bibliography of Significant Literature—Jean Smith Jensen, Ed.—*Assn. for Applied Solar Energy*, 275 p., \$7.50.

APPROACH TO ARCHAEOLOGY—Stuart Piggott—*Harvard Univ. Press*, 134 p., illus., \$3. Deals with the nature of archaeological evidence, and the techniques employed to recover and interpret it, in non-technical language, by a Scottish archaeologist.

ARABIAN SANDS—Wilfred Thesiger—*Dutton*, 326 p., illus., \$5.95. Experiences during five years of desert travel with the nomad Arabs.

BABIES BY CHOICE OR BY CHANCE—Alan F. Guttmacher—*Doubleday*, 289 p., \$3.95. Obstetrician-gynecologist discusses contraceptives, infertility, sterilization and artificial insemination.

BASIC ELECTRONICS—J. Daly and R. A. Greenfield—*Macmillan*, 226 p., illus., \$9. For non-specialists.

BASIC ELECTRONICS, Vol. 6—Van Valkenburgh, Nooger & Neville, Inc.—*Rider*, 130 p., illus., \$3.60; paper, \$2.90. Transistors and FM fundamentals.

COURSE IN GENERAL LINGUISTICS—Ferdinand de Saussure, Charles Bally and Albert Sechehaye with Albert Reidlinger, Eds, transl. from French

by Wade Baskin—*Philosophical Lib.*, 240 p., \$6. Swiss scholar's pioneer work.

THE DETERMINATION OF PARTICLE SIZE BY ADSORPTION METHODS—R. Jay Fries—*Mellon Institute*, 18 p., illus., paper, free upon request direct to publisher, 4400 5th Ave., Pittsburgh 13, Pa.

ELI WHITNEY AND THE MACHINE AGE: A First Biography—Wilma Pitchford Hays—*Watts, F.*, 60 p., illus. by A. Peterson. \$1.95.

ENCYCLOPEDIA OF ELECTRONICS AND NUCLEAR ENGINEERING—Robert I. Sarchbacher, foreword by A. V. Astin—*Prentice-Hall*, 1417 p., illus., \$35. Complete reference of specialized terms, making optimum use of standardized terminology.

THE FIRST BOOK OF NATIONAL PARKS—Norman Lobsenz—*Watts, F.*, 88 p., photographs. \$1.95. Introduction to scenic characteristics of the parks.

THE FIRST BOOK OF PUBLIC LIBRARIES—C. R. Graham—*Watts, F.*, 59 p., illus., \$1.95. Informative and authentic.

FOLKWAYS: A Study of the Sociological Importance of Usages, Manners, Customs, Mores, and Morals—William Graham Sumner—*Dover*, 692 p., paper, \$2.49. First published in 1906.

FOUNDATIONS OF AERODYNAMICS—A. M. Kuethe and J. D. Schetzer—*Wiley*, 2nd ed., 446 p., illus., \$11.75. Fundamentals of perfect, compressible and viscous flows.

THE HISTORY AND ORIGIN OF LANGUAGE—A. S. Diamond—*Philosophical Lib.*, 280 p., \$7.50. Study of human language, its origins and development.

A HISTORY OF SCIENCE, TECHNOLOGY AND PHILOSOPHY IN THE 16th & 17th Centuries, Vols. I and II—A. Wolf with F. Dannemann and A. Armitage, 2nd ed. by Douglas McKie—*Harper*, 686 p., illus., paper, \$1.95 each. Reprint.

HOUSES FROM THE SEA—Alice E. Goudey—*Scribner*, 32 p., illus. by Adrienne Adams, \$2.95. Charmingly illustrated story of two children starting a shell collection.

HOW TO TAKE A CHANCE—Darrell Huff—*Norton*, 173 p., illus. by Irving Geis, \$2.95. The laws of probability and their relation to games, weather and statistics.

AN INTRODUCTION TO THE ORGANIC CHEMISTRY OF HIGH POLYMERS—Carl S. Marvel—*Wiley*, 82 p., \$4.50. For beginners in polymer research.

LIBRARIES AND BIBLIOGRAPHIC CENTERS IN THE SOVIET UNION—Paul L. Horecky—*Indiana Univ. Pub.*, 287 p., \$6; paper, \$3. Up-to-date, factual and analytical presentation.

THE LIFE EXTENSION FOUNDATION: Guide to Better Health—Harry J. Johnson—*Prentice-Hall*, 220 p., \$4.95. Rules for a healthier and longer life.

THE NATURAL THING: The Land and Its Citizens—Pieter W. Fosburgh—*Macmillan*, 255 p., \$4.75. About changes in the American landscape and its wildlife.

NIGHT VISIBILITY 1959—R. H. Peckham and others—*Highway Res. Bd.*, Bull. 226, 64 p., illus, paper, \$1.20.

ON UNDERSTANDING PHYSICS—W. H. Watson, introd. by Ernest Nagel—*Harper*, 146 p., paper, \$1.25. Reprint with new preface by author.

PHOTOOXIDATION OF HYDROCARBONS IN MIXTURES CONTAINING OXIDES OF NITROGEN AND SULFUR DIOXIDE—E. A. Schuck and G. J. Doyle—*Air Pollution*, 104 p., paper, \$3.

PHOTOPERIODISM AND RELATED PHENOMENA IN PLANTS AND ANIMALS: Proceedings of 1957 Conference—Robert B. Withrow, Ed.—*Am. Assn. for the Advancement of Science*, 903 p., illus., \$14.75.

PRINCIPLES OF MINERALOGY—William H. Dennen—*Ronald*, 429 p., illus., \$7.50. Uses minerals as examples for the study of geometrical, chemical and physical relationships of matter.

SEMICONDUCTORS—R. A. Smith—*Cambridge Univ. Press*, 494 p., \$12.50. Comprehensive account of the physics of semiconductors.

SPACE, TIME AND GRAVITATION: An Outline of the General Relativity Theory—Sir Arthur Eddington—*Harper*, 216 p., paper, \$1.35. Reprint of 1920 edition.

STRUCTURAL METHODS FOR THE EXPLORATION GEOLOGIST and a series of problems for structural geology students—Peter C. Badgley—*Harper*, 280 p., illus., \$7.50. Actual field problems, tables, nomographs and maps.

A SUPPLEMENT TO "HELIUM"—E. M. Lifshits and E. L. Andronikashvili, transl. from Russian—*Consultants Bureau*, 167 p., illus., \$7.50. For researchers in low temperature physics.

TURBULENT FLOWS AND HEAT TRANSFER—C. C. Lin, Ed.—*Princeton Univ. Press*, 549 p., \$15. Volume V of "High Speed Aerodynamics and Jet Propulsion."

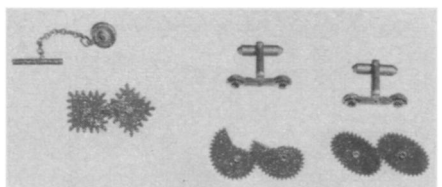
THE UNDISCOVERED EARTH: Proceedings of Conference, June 11-12, 1959—*Southern Research Institute*, 56 p., illus., paper, \$2. Papers on the International Geophysical Year, geothermal heat, tomorrow's materials, earth's crust and core, for the non-specialist.

Science News Letter, December 5, 1959

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