

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, 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.

AMERICAN EDUCATION: Facts, Fancies and Folklore—Raymond P. Harris—*Random House*, 302 p., \$5. Discusses the strengths and merits as well as the weaknesses of public education today, from a practising teacher's point of view.

AN ANNOTATED BIBLIOGRAPHY ON THE ACADEMICALLY TALENTED—John C. Gowan—*NEA*, 156 p., paper, \$1. Brings together references to articles, reports and books of the past decade.

THE CHILDREN OF SANCHEZ: Autobiography of a Mexican Family—Oscar Lewis—*Random House*, 499 p., \$7.50. Anthropologist offers reader insight into low-income Mexican family life by his technique of letting each family member tell his own life story in his own words.

CULTURE WORLDS: Brief Edition—Richard Joel Russell, Fred Bowerman Kniffen and Evelyn Lord Pruitt—*Macmillan*, 476 p., illus., maps, \$7.75. Abridged and revised geography text for one-semester course, with more up-to-date maps to serve students as atlas.

CURRENT TEACHING-MACHINE PROGRAMS AND PROGRAMMING TECHNIQUES—Joseph W. Rigney and Edward B. Fry—*AV Communications Review*, May-June 1961 Supplement 3, 122 p., illus., paper, \$2. Survey of existing programming techniques to the end of 1960, with description of 81 sample programs.

CURRENT TRENDS IN SCIENTIFIC RESEARCH—Pierre Auger—*Unesco (Int. Doc. Serv.)*, 245 p.,

\$6.75. Survey of the main trends of inquiry in the field of the natural sciences, the dissemination of scientific knowledge and the application of such knowledge to peaceful ends.

ELECTROSTATIC PROPULSION—David B. Langmuir, Ernst Stuhlinger and J. M. Sellen, Jr., Eds.—*Academic Press*, 579 p., illus., \$5.75. Selection of technical papers based on a symposium of the American Rocket Society held at U. S. Naval Postgraduate School, Monterey, Calif., November 1960.

ENERGY CONVERSION FOR SPACE POWER—Nathan W. Snyder, Ed.—*Academic Press*, 779 p., illus., \$7.25. Selection of technical papers based on a symposium of the American Rocket Society held at Santa Monica, Calif., September 1960.

FACTS ON THE MAJOR KILLING AND CRIPPLING DISEASES IN THE UNITED STATES TODAY, 1961—*National Health Education Committee*, multipaged, illus., paper, \$5.25. Bi-annual report in the form of fact sheets and charts on heart diseases, cancer, mental illness, arthritis, blindness, neurological diseases and other health problems.

FIND OUT BY TOUCHING—Paul Showers—*Crowell*, unpagged, illus. by Robert Galster, \$2.35. Leads the little child to discover for himself.

FOREIGN DEVELOPMENTS IN MACHINE TRANSLATION AND INFORMATION PROCESSING—V. B. Borshchev and others—*OTS*, 48 p., paper, \$1.50. Translations of five USSR Academy of Sciences reports.

GREAT MOMENTS IN MEDICINE—L. J. Ludovici—*Roy Pubs.*, 122 p., illus. by R. J. Payne, \$2.50. Human stories about great names in modern medicine, for boys and girls.

INTRODUCTION TO MATRICES AND VECTORS—Jacob T. Schwartz—*McGraw*, 163 p., \$5.50. Elementary treatment, suitable for senior high school course in modern algebra.

MAN INTO SPACE—Martin Caidin—*Pyramid Bks.*, 192 p., photographs, illus. by Fred L. Wolff, paper, 50¢. The story of Project Mercury including on-the-spot report of Alan Shepard's flight from Cape Canaveral.

THE MEDICINE SHOW: Some Plain Truths About Popular Remedies for Common Ailments—Editors of *Consumer Reports*—*Simon & Schuster*, 250 p., \$3.95. Seeks to give the consumer perspective, an antidote to exaggerated advertising claims, based on 25 years of Consumers Union research.

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MONT BLANC AND THE SEVEN VALLEYS—Roger Frison-Roche and Pierre Tairraz, transl. from French by Roland Le Grand—*Oxford Univ. Press*, 267 p., 169 photographs, \$9.50. Magnificently illustrated book on Europe's highest mountain peak and the people that live in its valleys.

THE MURRE: Their Distribution, Populations and Biology, a Study of the Genus *Uria*—Leslie M. Tuck—*Canadian Wildlife Service (Queen's Printer)*, 260 p., photographs, maps, \$3; paper, \$2.50. Comprehensive study of the large seabird colonies in the North Atlantic region.

NUCLEAR PHYSICS IN PEACE AND WAR—Peter E. Hodgson—*Hawthorn Bks.*, 156 p., \$3.50. Brief review of the discoveries made in this century about the nucleus of the atom and the effects of these discoveries on the lives of men.

AN OPERATIONS RESEARCH STUDY OF THE DISSEMINATION AND USE OF RECORDED SCIENTIFIC INFORMATION—OR Group, Case Institute of Technology—*OTS*, 63 p., paper, \$2. Includes "cost per reading" estimates for the most frequently read scientific journals.

THE OVER FIFTY HEALTH MANUAL: A Guide to a Vigorous and Longer Life for People Over 50—James J. Lally, M.D.—*Prentice-Hall*, 228 p., illus., \$4.95. Well organized and illustrated manual designed to help the elderly understand body functions and diseases, and to know when to go to the doctor.

PARASITOLOGY: The Biology of Animal Parasites—Elmer R. Noble and Glenn A. Noble—*Lea & Febiger*, 767 p., illus., \$11. General, up-to-date text for the advanced undergraduate student, treating in some detail the ecology and origin of parasitism, parasite-host specificity, and zoogeographical factors.

A PHYSICIAN'S INTRODUCTION TO ELECTRONICS: A Laboratory Manual—A. C. Morris, Jr.—*Pergamon*, 43 p., illus., \$2.50. Describes series of experiments demonstrating the basic language of electronics.

PLANET EARTH—Ronald Fraser—*Roy Pubs.*, 72 p., photographs, diagrams, \$2.95. British scientist summarizes the latest findings of international geophysical exploration, for the layman and young people.

PLANNING FOR EXCELLENCE IN HIGH SCHOOL SCIENCE—National Science Teachers Association—*NSTA*, 67 p., illus., paper, \$1. Reexamination of the aims, content and methodology of teaching science in a dynamic society, indicating possible ways of improvement.

THE POLIO MAN: The Story of Dr. Jonas Salk—John Rowland—*Roy Pubs.*, 128 p., illus., \$3.25. Juvenile biography.

PRINCIPLES OF RESOURCE CONSERVATION POLICY: With Some Applications to Soil and Water Resources—Committee on Soil and Water Conservation of the Agricultural Board—*NAS-NRC*, 50 p., paper, \$1.50. Develops analytical framework for appraising conservation and discusses physical, economic and institutional interrelationships in resource conservation, specific problems and recommendations.

• Science News Letter, 80:140 August 26, 1961

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