

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.

THE AGE OF SPACE: PROCEEDINGS—Thomas W. Martin, chairman—*Southern Research Institute*, 43 p., illus., paper, single copy free upon request direct to publisher, Birmingham, Ala. Proceedings of a non-technical conference on missiles, rockets and space travel.

THE ANCIENT CIVILIZATIONS OF PERU—J. Alden Mason—*Penguin*, 330 p., illus., paper, \$1.25. A noted American archaeologist tells the story of highly interesting peoples.

THE ATOMIC REVOLUTION—Foreword by Gordon Dean—*Copp*, for General Dynamics, 32 p., illus., paper, single copies free upon request direct to General Dynamics, 445 Park Ave., New York 22, N.Y. The comic book technique is utilized to present a brief history of the development of atomic energy.

AUTOMATION: What It Is, How It Works, Who Can Use It—Carl Dreher—*Norton*, 128 p., illus. with drawings by Herb Lebowitz, \$2.95. To prepare the business man and the general public for what the author believes is an inevitable new day.

BIOLOGICAL EFFECTS OF WHOLE-BODY GAMMA RADIATION ON HUMAN BEINGS (U)—Harold O. Davidson—*Johns Hopkins Press* for Operations

Research Office, 101 p., diagrams, \$3.00. Report of a study of the effects of fallout radiation exclusively from the viewpoint of defense planning.

THE BOOK OF THE EARTH—A. C. Sectorsky, Ed.—*Appleton*, 488 p., illus., \$12.50. A collection of notable writings about the earth and the most fascinating parts of it. Beautifully illustrated.

BRAINPOWER QUEST: A Symposium Sponsored by The Cooper Union for The Advancement of Science and Art—Andrew A. Freeman, Ed.—*Macmillan*, 242 p., \$4.75. Assembling various viewpoints on this pressing problem.

THE CHILD IN THE EDUCATIVE PROCESS—Daniel A. Prescott—*McGraw-Hill*, 502 p., \$6.50. Describing the extraordinary complexity of the teacher's task, analyzing the knowledge and skills a teacher must have to understand his pupils as individual, developing persons, and stating a theoretical foundation for the explanation of human development.

COSMIC VIEW: The Universe in 40 Jumps—Kees Boeke, introduction by Arthur H. Compton—*Day*, 48 p., illus. with drawings by author, \$3.25. A delightful book of pictures prepared by a Dutch schoolmaster showing graphically the comparative size of things from a little girl and her cat up to groups of galaxies and down to the nucleus of a sodium atom.

DIGITAL DIFFERENTIAL ANALYZERS: An Application Manual for Digital and Bush Type Differential Analyzers—George F. Forbes—*George F. Forbes*, 4th ed., 154 p., 4 appendices

and index, paper, \$5.00. For the mathematician, engineer and researcher.

GRADUATE STUDENT ENROLLMENT AND SUPPORT IN AMERICAN UNIVERSITIES AND COLLEGES 1954—Richard Axt and others—*Govt. Printing Office*, National Science Foundation, 302 p., paper, \$1.50.

HIGHLIGHTS OF THE CONFERENCE ON CO-OPERATIVE EDUCATION AND THE IMPENDING EDUCATIONAL CRISIS—George E. Probst, Annice L. Mills and Harry L. Cherry, Jr., Eds.—*Thomas Alva Edison Foundation*, 40 p., paper, single copies free upon request direct to publisher, 8 W. 40th St., New York 18, N.Y.

AN INTRODUCTION TO ASTRONOMY—Robert H. Baker—*Van Nostrand*, 5th ed., 333 p., illus., \$6.50. New edition of a standard introductory text. This revision takes into account the findings with the 200-inch telescope and the new radio telescopes.

NUMERICAL ANALYSIS—Kaiser S. Kunz—*McGraw-Hill*, 381 p., \$8.00. Growing out of lecture notes for a graduate course in numerical analysis at the Computation Laboratory of Harvard University.

PROCEEDINGS OF THE 1957 AIR AND WATER POLLUTION ABATEMENT CONFERENCE—George Collins and others—*Manufacturing Chemists' Assn.*, 131 p., illus., paper, \$2.00.

THE REAL BOOK ABOUT PREHISTORIC LIFE—Dorothy E. Shuttlesworth—*Garden City Books*, 216 p., illus. by Matthew Kalmenoff, \$1.95. A book for children about those fascinating creatures that today people only museums and active imaginations.

ROCKETS THROUGH SPACE: The Story of Man's Preparations to Explore the Universe—Lester Del Rey—*Winston*, 118 p., illus. by James Heugh, \$3.95. Information for youngsters that still is not covered by their school textbooks.

A SHORTER HISTORY OF SCIENCE—Sir William Cecil Dampier—*Meridian Books*, 190 p., illus., paper, \$1.25. A quick survey of the physical sciences for those who want just the essentials.

SIXTH SYMPOSIUM (INTERNATIONAL) ON COMBUSTION—Theodore Von Karman and others—*Reinhold* for the Combustion Institute, 943 p., illus., \$28.00. These symposia are intended to summarize and coordinate work in the combustion field.

TRENDS IN GERONTOLOGY—Nathan W. Shock—*Stanford Univ. Press*, 2nd ed., 214 p., diagrams, \$4.50. A book for the layman rather than the specialist outlining the current status of activities in the field of aging.

VITAMINS AND HEALTH—William Rubin—*Public Affairs Committee*, Public Affairs Pamphlet No. 69A, 28 p., illus., paper, 25 cents. Answering your questions about nutrition and diet.

Science News Letter, November 16, 1957



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