

• 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.

AIRCRAFT AND MISSILES—D. M. Desoutter—*de Graff*, 213 p., illus., \$7.50. Informative review of fundamentals and prototypes, with tables and glossary, for the general reader.

AUTOMATING THE MANUFACTURING PROCESS—George F. Hawley—*Reinhold*, 147 p., illus., \$4.95. A sober analysis of what is involved in automation of complex mechanical processes.

BIENNIAL REVIEW OF ANTHROPOLOGY 1959—Bernard J. Siegel, Ed.—*Stanford Univ. Press*, 273 p., \$6. Summarizes papers and monographs in fields of major current interest.

BIOGRAPHY OF THE EARTH: Its Past, Present, and Future—George Gamow—*Viking*, rev. ed., 242 p., illus., \$4.95. Current theories about age and origin of the earth, the evolution of mountains and continents, climates and life, in layman's language.

BLOOD BROTHERS: Four Men of Science—Emma Gelders Sterne—*Knopf*, 174 p., illus. by Oscar Liebman, \$3. The story of four physicians, linked by their contributions to our knowledge of the blood, told for young people.

BRITISH PARASITIC FUNGI: A Host-Parasite Index and a Guide to British Literature on the Fungus Diseases of Cultivated Plants—W. C. Moore—*Cambridge Univ. Press*, 430 p., \$8.50. Reference work.

THE COMPLETE BOOK OF JETS AND ROCKETS—D. N. Ahnstrom—*World Pub. Co.*, rev. ed., 159 p., illus., \$4.95. Detailed picture story of the advances in modern aviation.

FUEL ELEMENTS CONFERENCE HELD AT GATLINBURG, TENN., 1958—*AEC (OTS)*, 303 p.,

illus., paper, \$3. Papers and discussion of developments in reactor fuel technology.

GENERAL CRYSTALLOGRAPHY: A Brief Compendium—W. F. de Jong with J. Bouman, transl. from Dutch—*Freeman*, 281 p., illus., \$6. Modern view of geometric, structural, chemical and physical crystallography.

GESTALT PSYCHOLOGY: An Introduction to New Concepts in Modern Psychology—Wolfgang Kohler—*New Am. Lib.*, 222 p., illus., paper, 50¢. Reprint of 1947 edition.

GLOSSARY OF METEOROLOGY—Ralph E. Huschke, Ed.—*Am. Meteorological Soc.*, 638 p., \$12. Over 7000 meteorological terms, from "abbreviated ship code" to "Zurich number."

A GUIDE-BOOK TO BIOCHEMISTRY—Kenneth Harrison—*Cambridge Univ. Press*, 150 p., \$3.50; paper, \$1.95. Very concise textbook.

A HANDBOOK OF THE FOREIGN PRESS—John C. Merrill—*La. State Univ. Press*, 394 p., illus., paper, \$5. Survey and discussion of principal foreign newspapers and magazines.

HANDBOOK OF SOUTH AMERICAN INDIANS, VOL. 7: Index—Julian H. Steward, Ed.—*Smithsonian Inst. (GPO)*, 286 p., \$2. Concluding part of Bulletin 143 of the Bureau of American Ethnology.

HI-FI MADE EASY—Norman H. Crowhurst—*Gernsback*, 224 p., illus., \$5; paper, \$2.90. Amusingly illustrated instructions for the high fidelity enthusiast.

THE HIGHWAY AND THE LANDSCAPE—W. Brewster Snow, Ed.—*Rutgers Univ. Press*, 230 p., photographs, \$5. Discusses the "Complete Highway" which takes into account its impact upon the landscape.

HUMAN BIOCHEMICAL GENETICS—H. Harris, foreword by L. S. Penrose—*Cambridge Univ. Press*, 310 p., \$7. Comprehensive survey of well-authenticated material on human inherited metabolic abnormalities. For the specialist.

INTERNATIONAL SYMPOSIUM ON PLASTICS TESTING AND STANDARDIZATION—*Am. Soc. for Testing Materials*, No. 247, 269 p., illus., \$6. World standardization practices, test methods for engineering and thermal properties, and methods for molecular characterization.

MAGNETISM AND ELECTROMAGNETISM—Alexander Schure, Ed.—*Rider*, 71 p., illus., paper, \$1.80. Deals with aspects of magnetism underlying the operation of communication and industrial electronic devices.

MASTER RECEIVING-PICTURE TUBE SUBSTITUTION GUIDE BOOK—H. A. Middleton—*Rider*, 343 p., paper, \$7.45. Compilation of tube substitution possibilities.

MODERN CHEMICAL MAGIC—John D. Lippy, Jr. and Edward L. Palder—*Stackpole*, 164 p., illus., \$3.95. Chemical formulas for invisible inks, luminous paints, fire magic and similar tricks which might enliven a chemistry class.

THE NATIONAL SCIENCE FOUNDATION AND THE LIFE SCIENCES—*Senate Comm. on Govt. Operations (GPO)*, 96 p., paper, 30¢. On biomedical research, with emphasis on international aspects of basic research.

THE NEW TROPICAL FISH BOOK—Larry Eisinger, Ed.—*Arco*, 144 p., photographs, \$2.50. Helpful information for the aquarist.

PHYSICS, PART I, TEXTBOOK FOR GRADE 6 OF THE 7-YEAR CURRICULUM & MIDDLE SCHOOL—A. U. Peryshkin and others, transl. by Isaac Schechmeister—*Jon F. Neely*, 124 p., illus., paper, \$3. English translation of Russian physics text, corresponding to our eighth grade.

PHYSICS OF THE EARTH'S INTERIOR—Beno Gutenberg—*Academic*, 240 p., illus., \$8.50. Discusses earth's crust and core, thermal processes, density, pressure, gravity, and elastic and nonelastic processes in the earth. Bibliographies.

THE PLANET VENUS—Patrick Moore—*Macmillan*, 2nd rev. ed., 151 p., illus., \$3.75. Monograph assembles evidence of observations and describes some of the conflicting theories held to explain them. Bibliographies.

REPORT OF THE SODIUM HEAVY-WATER REACTOR TASK FORCE—AEC (OTS), 36 p., illus., paper, 50¢. Evaluates technical feasibility and economic potential.

SCIENCE AND STATE GOVERNMENT: A Study of the Scientific Activities of State Government Agencies in Six States—Frederic N. Cleveland—*Univ. of N. C. Press*, 161 p., \$3.50. Systematically explores the state programs of Calif., Conn., N. C., N. Mex., N. Y. and Wisc.

SMITHSONIAN INSTITUTION: Annual Report 1958—Leonard Carmichael, Sec.—*GPO*, 559 p., illus., \$3.75. Secretary's report, papers on sun's energy, water for arid lands, ecology of man, screwworm eradication, Shanidar skull, and childhood pattern of genius.

SMOKING AND HEALTH—Alton Ochsner—*Messner*, rev. ed., 108 p., \$3. Cancer specialist states the case against smoking, based on statistics and surveys.

STRATOSPHERIC RADIOACTIVITY DATA OBTAINED BY BALLOON SAMPLING—Joshua Z. Holland—*AEC (OTS)*, 131 p., illus., paper, \$1.50. Collection of data covering six-year period.

THE TALE OF A MEADOW—Henry B. Kane—*Knopf*, 115 p., illus. by author, \$3. A boy's wildlife observations in a meadow.

TROUBLED PEOPLE ON THE JOB—Am. Psychiatric Assn., Comm. on Occupational Psychiatry—*Mental Health Materials Center*, 30 p., illus., paper, 50¢. Hints about handling "emotional disturbance."

23RD ANNUAL REPORT 1959—*Ohio State University Research Foundation*, 38 p., illus., paper, \$1.25. Review of research projects.

WILDLIFE OF MEXICO: The Game Birds and Mammals—A. Starker Leopold—*Univ. of Calif. Press*, 568 p., illus. by Charles W. Schwartz, photographs, maps, \$12.50. Criteria for identification range maps, natural history of animals, and report on present status of species.

WONDERS OF THE DOG WORLD—Leon Whitney—*Dodd*, 62 p., illus. by Ernest Hart, \$2.95. Veterinarian discusses physical and behavior aspects of dogs.

Science News Letter, December 26, 1959

PUBLIC HEALTH

Watches Sold to Public Containing Strontium-90

THE ATOMIC Energy Commission and the American Rolex Watch Corporation of New York are attempting to recover Rolex GMT-Master wrist watches, a special type of navigation watch manufactured in Switzerland. One watch of this type, purchased abroad, has been found to contain radioactive strontium-90 in the luminescent material on the markings and numerals of its movable rim. The quantities are sufficient to present a possible long-term health hazard to the wearer. About 600 of the watches have been imported by the company between October, 1956, and November, 1959.

Science News Letter, December 26, 1959

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