

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.

AIR POLLUTION HANDBOOK—Paul L. Magill, Francis R. Holden and Charles Ackley, Eds. and Frederick G. Sawyer, Ed. Consultant—*McGraw-Hill*, 720 p., illus., \$15.00. Providing basic source material on the many aspects of air pollution.

BASIC FACTS AND FIGURES: International Statistics Relating to Education, Culture and Mass Communication, 1956—*UNESCO*, 96 p., paper, \$1.00. For the world population as a whole, it is estimated that at least two out of every five adult persons are still unable to read and write. Most of these illiterates live in Africa.

THE CONSERVATION DIRECTORY: A Listing of Organizations and Officials Concerned with the Protection of Wildlife and Other Natural Resources—Stewart M. Brandborg, Compiler—*National Wildlife Federation*, 96 p., paper, 40 cents.

GAMES FOR THE NOT-SO-YOUNG—Sid G. Hedges—*Philosophical Library*, 107 p., illus., \$2.75. This book will help the sick or lonely person pass the time and will also liven up gatherings of adults.

GLOSSARY OF PEDOLOGIC (SOILS) AND LAND-FORM TERMINOLOGY FOR SOIL ENGINEERS—James H. McLerran—*Highway Research Board*, Special Report 25, 32 p., illus., paper, 80 cents.

THE GMEIN HANDBOOK OF INORGANIC CHEMISTRY: Calcium, Part B1—Gerhart Hantke and others—*Verlag Chemie (Walter Johnson)*, 264 p., illus., paper, \$34.99. Covering the technology and compounds of this element and therefore of interest to industrial chemists.

THE GMEIN HANDBOOK OF INORGANIC CHEMISTRY: Copper, Part A1—Erich Franke and

others—*Verlag Chemie (Walter Johnson)*, 710 p., illus., paper, \$92.13. The major part is devoted to the metallurgy of copper.

THE GMEIN HANDBOOK OF INORGANIC CHEMISTRY: Copper, Part A2—Matthias Atterer and others—*Verlag Chemie (Walter Johnson)*, 755 p., illus., paper, \$100.20. This volume covers the physical and mechanical properties, the chemical behavior and physiological hazards.

THE GMEIN HANDBOOK OF INORGANIC CHEMISTRY: Thorium and Isotopes—Matthias Atterer and others—*Verlag Chemie (Walter Johnson)*, 406 p., illus., \$55.22. Besides thorium this volume covers radioactinium, radiothorium, ionium, uranium Y and uranium X1.

A GUIDE TO QUALITATIVE ORGANIC CHEMICAL ANALYSIS—R. P. Linstead and B. C. L. Weedon—*Academic*, 169 p., illus., \$4.50. A text of British origin intended for first and second year students but useful also to postgraduates and research workers.

A HISTORY OF THE ANCIENT SOUTHWEST—Harold Sterling Gladwin—*Bond Wheelwright*, 383 p., illus., \$8.50. From pieces and bits of artifacts left by ancient peoples, the author has constructed a history of those who lived in America's Southwest.

IF YOUR CHILD HAS RHEUMATIC FEVER—*American Heart Association*, 19 p., illus., paper, single copies free upon request direct to publisher, 44 East 23d St., New York 10, N. Y. A booklet for parents on various aspects of prevention and care of rheumatic fever and rheumatic heart disease.

AN INTRODUCTION TO JUNCTION TRANSISTOR THEORY—R. D. Middlebrook—*Wiley*, 296 p., illus., \$8.50. Presenting to engineers the knowledge of theory they need to appreciate the potentialities of this new device.

THE LIFE OF ARTHUR STANLEY EDDINGTON—A. Vibert Douglas—*Thomas Nelson*, 207 p., illus., \$6.25. Biography of a great physicist written by one of his former research associates.

MAGNETOHYDRODYNAMICS—T. G. Cowling—*Interscience*, 115 p., illus., paper \$1.75, cloth \$3.50. When the author began writing this book, main applications of magnetohydrodynamics were to geophysical or astronomical problems. Now its engineering aspects are being recognized.

MEETING PREHISTORIC MAN—G. H. R. Von Koenigswald, translated by Michael Bullock—*Harper*, 216 p., illus., \$3.50. The author himself made many of the original finds of the remains of early man or pre-man. In this autobiography

he shares with the reader the excitement of his discoveries.

MODERN INTRODUCTORY PHYSICS—Ira M. Freeman—*McGraw-Hill*, 2d ed., 497 p., illus., \$6.00. Intended for undergraduates whose major is not science, so no previous study of physics or other science is required.

THE NEW WORLD OF THE ATOM—James Stokley—*Ives Washburn*, 288 p., illus., \$5.50. Providing basic information for the layman.

1956 TECHNICAL MANUAL AND YEAR BOOK OF THE AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS: Volume XXXII—William H. Cady, Ed.—*Howes for the Association*, 626 p., illus., \$6.00. Technical information for those in the industry and a directory of names and addresses.

NO ROOM FOR WILD ANIMALS—Bernhard Grzimek—*Norton*, 271 p., illus., \$3.95. The director of the Frankfurt Zoo tells with lively humor of his adventures in the Belgian Congo photographing wild animals, and presents arguments for saving wild animals from extinction.

THE O.S.S. AND I—William J. Morgan—*Norton*, 281 p., illus., \$3.75. A psychologist writes of his exciting experiences in that "cloak-and-dagger" organization known as O.S.S.

THE ORNITHOLOGISTS' GUIDE—H. P. W. Hutson—*Philosophical Library*, 275 p., illus., \$10.00. A guide for bird watchers intended to be useful internationally.

PIONEER EDUCATOR IN THE AIR AGE—*New York University*, 60 p., illus., paper, free upon request direct to publisher, Office of Information Services, University Heights 53, N. Y. A booklet commemorating the 30th anniversary of the Guggenheim School of Aeronautics at N.Y.U. Two years prior to the historic Lindbergh transatlantic flight Alexander Klemin suggested founding this school.

PSYCHOLOGICAL RESEARCH—Benton J. Underwood—*Appleton-Century-Crofts*, 298 p., \$4.00. Intended to prepare students to use scientific methods in research in psychology.

QUALITY CONTROL FOR PLASTICS ENGINEERS—Lawrence M. Debing, Ed.—*Reinhold*, 142 p., illus., \$4.95. An introduction to the subject prepared for engineers and manufacturers.

RETARDED CHILDREN CAN BE HELPED—Cornell Capa and Maya Pines—*Channel Press*, 160 p., illus., \$5.00. Describing what communities, parents, schools and interested volunteers can do to make useful and happy lives for those who start under a handicap.

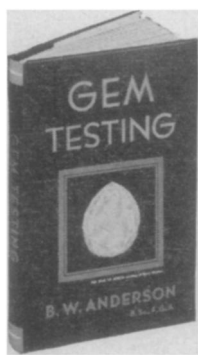
SCIENCE IN THE FEDERAL GOVERNMENT: A History of Policies and Activities to 1940—A. Hunter Dupree—*Harvard University Press*, 460 p., \$7.50. Tracing Government concern with scientific investigation and advance from the days of Washington and Jefferson.

THIS IS GLASS—*Corning Glass Works*, 64 p., illus., paper, free upon request direct to publisher, Corning, N. Y. Describing the manufacturing methods, applications and uses of glass, and reporting its history.

THE TRUE BOOK OF REPTILES—Lois Ballard with pictures by Irma Wilde—*Childrens Press*, 47 p., illus., \$2.00. To most children, reptiles are not repulsive as they are to many adults. Young readers will probably find charming this book about snakes, turtles, lizards and others of their kin.

WHAT'S HAPPENING IN SCHOOL INTEGRATION?—Harold C. Fleming and John Constable—*Public Affairs Committee*, Public Affairs Pamphlet No. 244, 20 p., illus., paper, 25 cents. A map of the southern states shows which states are integrating, which resisting and which defiant. A survey shows that desegregation is actually going forward even in the deep south.

Science News Letter, February 23, 1957



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