

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.

AN ATLAS OF ANIMAL ANATOMY FOR ARTISTS—W. Ellenberger, H. Baum, and H. Dittrich—*Dover*, 2d rev. ed., 153 p., illus., \$6.00. A new edition, edited by Lewis S. Brown, of a German work first published in five volumes in 1901.

COLLEGE CHEMISTRY—Andrew J. Scarlett—*Holt*, 499 p., illus., \$5.50. A new text based in part on Richardson's "Brief College Chemistry." No attempt has been made to cover all descriptive inorganic chemistry, but most of the important industrial processes are described.

THE EVOLUTION OF THE IGNEOUS ROCKS—N. L. Bowen with a new introduction by J. F. Schairer—*Dover*, 334 p., illus., paper \$1.85, cloth \$3.75. Inexpensive student edition of a geologists' reference work first published in 1928.

THE HUMAN BODY: Its Anatomy and Physiology—C. H. Best and N. B. Taylor—*Holt*, 3d ed., 723 p., illus., \$6.75. A new edition, greatly altered and expanded, of a famous text.

MAN IN SEARCH OF HIS ANCESTORS: The Romance of Paleontology—André Senet, translated by Malcolm Barnes—*McGraw-Hill*, 274 p., illus., \$5.50. A readable account of the development of the science of prehistory, from its start with the finding that the "thunderstones" found in France were made by man.

THE MEANING OF THE DEAD SEA SCROLLS—A. Powell Davies—*New American Library*, 137 p., illus., paper, 35 cents. A clergyman writes this story of the discovery of the now-famous Dead Sea scrolls by a Bedouin in a cave by the Dead Sea, describes them, and interprets their meaning for archaeology and religion.

THE MENTALLY RETARDED PATIENT—Harold Michal-Smith—*Lippincott*, 203 p., \$4.00. Written for physicians by a psychologist because "the mentally retarded patient is a person who

cannot be understood without a view of his psychological situation." Lack of normal intelligence, the author points out, is not itself an illness, but it can result in a type of personality that raises many problems.

NINEVEH AND THE OLD TESTAMENT—André Parrot—*Philosophical Library*, Studies in Biblical Archaeology No. 3, 96 p., illus., \$2.75. Exploration of Nineveh has been going on for a hundred years. Here a French archaeologist relates archaeological evidence unearthed with records in the Old Testament.

OPERATIONS RESEARCH FOR MANAGEMENT: Volume II, Case Histories, Methods, Information Handling—Joseph F. McCloskey and John M. Copping, Eds., introduction by The Earl of Halsbury—*Johns Hopkins Press*, 563 p., illus., \$8.00. Including papers on actual problems handled by organized groups. Covering a great variety of problems from a study of traffic delay at toll booths to combat stress in Korea.

ORGANIC CHEMISTRY—Louis F. Fieser and Mary Fieser—*Reinhold*, 3d ed., 1112 p., illus., \$10.00. The period since the last edition of this famous text has been particularly rich in new developments. In some cases previous concepts have been so altered as to require complete rewriting.

THE OUTLOOK FOR NUCLEAR POWER IN JAPAN—Michael Sapir and Sam J. Van Hyning—*National Planning Association*, Reports on Productive Uses of Nuclear Energy, 172 p., illus., paper, \$3.00. Japan is today a predominantly hydro-based economy. This study recommends immediate planning for atomic power.

PHASE CONTRAST MICROSCOPY IN THE EXAMINATION OF STARCH GRANULES—Helen B. Wigman, William W. Leathen and Martha J. Brackmeyer—*Mellon Institute*, 6 p., illus., paper, free upon request direct to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. The phase contrast microscope provides a sharper tool for the study of these industrially important granules that become transparent on expansion.

POLYESTERS AND THEIR APPLICATIONS—Bjorksten Research Laboratories—*Reinhold*, 618 p., \$10.00. This book does not cover theory, but is a survey of the entire polyester field from raw materials to fabricated product.

PRECISION ELECTRICAL MEASUREMENTS—P. Dunsheath, Chairman—*Philosophical Library*, illus., \$12.00. Proceedings of an international symposium held at the National Physical Laboratory in Teddington, England.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY HELD IN GENEVA 8 AUGUST-20 AUGUST 1955: Volume 5, Physics of Reactor Design—*United Nations (Columbia University Press)*, 545 p., illus., \$9.00. Summarizing what is so far known.

RADIATION DOSIMETRY—Gerald J. Hine and Gordon L. Brownell, Eds.—*Academic*, 932 p., illus., \$22.00. For those working with applications of radiation to medical, industrial and research problems. The techniques and hazards are similar in all these fields.

A SECOND COURSE OF LIGHT—A. E. E. McKenzie—*Cambridge University Press*, 342 p., illus., \$3.50. The third volume in a series of physics texts by the author. Presentation is

kept simple for the high-school student, but each topic is carried on to university level.

THE SPONGILLA-FLIES, WITH SPECIAL REFERENCE TO THOSE OF THE WESTERN HEMISPHERE (SISYRIDAE, NEUROPTERA)—Sophy I. Parfin and Ashley B. Gurney—*Smithsonian*, Proceedings U. S. National Museum 3360, 109 p., illus., paper, free upon request direct to publisher, Washington 25, D. C. The first comprehensive treatment of these parasites on fresh-water sponges for the Western Hemisphere.

TOWARD A UNIFIED THEORY OF HUMAN BEHAVIOR—Roy R. Grinker, Ed., assisted by Helen MacGill Hughes—*Basic Books*, 375 p., illus., \$6.50. Growing out of a series of conferences called to bring together scientists from several disciplines for the purpose of working toward a unified theory. This volume is an abstraction of about 1,600 pages of transcript.

Science News Letter, June 30, 1956

ZOOLOGY

Rare Mammal Joins Bronx Zoo

► A RARE, little-understood mammal is on exhibition at the Bronx Zoo in New York.

Called an olingo, the long-tailed, cat-sized creature is a native of Panama. It is the first ever shown at this zoo and one of the few to occupy any zoo since its discovery 80 years ago.

Not much is known about how olingoes exist. They travel with bands of kinkajous and are thought to feed chiefly on fruit.

Science News Letter, June 30, 1956



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