

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. books in print, send a remittance to cover retail price (postage will be paid in U. S.) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

AGE IS NO BARRIER—Thomas C. Desmond, Chairman—*New York State Joint Legislative Committee on Problems of the Aging*, 171 p., illus., paper, free upon request to publisher, 94 Broadway, Newburgh, N. Y. An increasing proportion of our population are over 60 years of age. This series of reports cover many of the problems of employment, medical care, housing and so on.

THE COMMON AND SYSTEMATIC NOMENCLATURE OF THE SIMPLER ORGANIC COMPOUNDS—Fred Semeniuk—*School of Pharmacy, University of North Carolina*, 55 p., paper, \$1.25. Reference material for the review of advanced students and to provide beginners with material for organized study of the names of compounds, etc.

THE ENTERTAINMENT FILM FOR JUVENILE AUDIENCES—Henri Storck—*UNESCO (Columbia University Press)*, 240 p., paper, \$1.25. Discussing what themes, scenes and techniques are unsuitable for children because they over-excite, are misunderstood, or fail to interest the young audience.

ERRORS OF PSYCHOTHERAPY—Sebastian de Grazià—*Doubleday*, 288 p., \$3.00. A philosophical work emphasizing the importance of religion and morality to the mental health of the nation and the world.

EVERYDAY PHYSICS—Ole A. Nelson and John G. Winans—*Ginn*, 614 p., illus., \$4.36. This book, which describes a wide variety of applications of physics in the home and in daily life, is intended as a high school text, but will be useful as a reference book in the home. An abundance of attractive illustrations increases its usefulness.

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Don't bother writing a letter. Simply tear out ad, print name and address, and mail with \$1 bill to Harlan Publications, 214 First Ave., Greenvale, New York.

FERROMAGNETISM AND THE CURIE POINT—B. M. Aldrich—*Oklahoma Engineering Experiment Station*, 44 p., illus., paper, free upon request to publisher, Oklahoma A & M College, Stillwater, Okla. This bulletin was prepared in response to a need to review present theories of magnetism in the light of recent research results with the aim of developing a new theory.

GEOGRAPHY OF LIVING THINGS—M. S. Anderson—*Philosophical Library*, 202 p., \$2.75. A book on "biogeography" treating of links between physical geography and economic or historical geography.

IMPROVING UNDERGRADUATE INSTRUCTION IN PSYCHOLOGY—Claude E. Buxton and others—*Macmillan*, 60 p., \$1.25. The report of a study group supported by the Carnegie Corporation and the Grant Foundation.

MENTAL PRODIGES: An Enquiry into the Faculties of Arithmetical, Chess and Musical Prodiges, Famous Memorizers, Precocious Children and the Like, with Numerous Examples of "Lightning" Calculations and Mental Magic—Fred Barlow—*Philosophical Library*, 256 p., \$4.75. An English author gives us a roundup of information on well known "geniuses" of one sort or another.

THE ORIGINS OF LOVE AND HATE—Ian D. Suttie with introduction by Ashley Montagu—*Julian*, 275 p., \$4.00. Making available to American readers this book first published in England in 1935. The author disagrees with Freud by holding that it is love, not sex, that provides the key to understanding human minds.

PROCEEDINGS OF THE FIRST OHIO WATER CLINIC 1952—Carl G. Paulsen and others—*Engineering Experiment Station, Ohio State University*, 154 p., illus., paper, \$1.00. A number of specialists discuss various aspects of the water problem of the state.

ROCKS, RIVERS & THE CHANGING EARTH: A First Book About Geology—Herman Schneider and Nina Schneider—*W. R. Scott*, 181 p., illus., \$3.00. The story of the earth, the author tells us, is in a leaf and in a stone; in a cloud and in the sea. This book for children will help them to understand the world they live in.

SHOCK AND CIRCULATORY HOMEOSTASIS—Harold D. Green, Ed.—*Josiah Macy Jr. Foundation*, 245 p., \$3.50. The papers contributed by specialists in various fields to a conference on this problem, together with the discussion with which they were greeted.

THE SHOVEL-NOSED SNAKE, CHIONACTIS, WITH DESCRIPTIONS OF TWO NEW SUBSPECIES—Laurence M. Klauber—*Zoological Society of San Diego*, 56 p., illus., paper, 85 cents. Report on a genus formerly thought to be rare, but now found to be quite common due to the new method of collecting them by shining car lights along paved desert roads at night.

TAXONOMIC STUDIES OF THE RATTLESNAKES OF MAINLAND MEXICO—Laurence M. Klauber—*Zoological Society of San Diego*, Bulletin No. 26, 126 p., illus., paper, \$2.00.

TEXTBOOK OF QUANTITATIVE INORGANIC ANALYSIS—I. M. Kolthoff and E. B. Sandell—*Macmillan*, 3d ed., 759 p., illus., \$6.50. The aims and plan of the first edition have been adhered to in spite of recent development of instrumental methods. It is the belief of the authors that the classical methods are still essential knowledge.

THANKS TO TREES: The Story of Their Use and Conservation—Irma E. Webber—*Scott*, 60 p., illus., \$2.00. A book for children explaining how trees grow and what they contribute to our comfort and happiness.

THEORY OF NUMBERS—B. M. Stewart—*Macmillan*, 261 p., illus., \$5.50. A textbook planned for a mixed group of beginning and graduate students. Footnotes indicate to the student whether any particular chapter is basic or may safely be skipped.

VISUAL AIDS IN FUNDAMENTAL EDUCATION: Some Personal Experiences—Alexander Shaw and others—*UNESCO (Columbia University Press)*, 168 p., illus., paper, \$1.75. Adventures of UNESCO workers in using movies and slide films to teach and to help people make their life better.

THE YUGOSLAVS: The History of the Yugoslavs and Their States to the Creation of Yugoslavia—Z. Kostelski—*Philosophical Library*, 498 p., illus., \$4.75. This nation, communized yet clinging to independence from Russia, has special interest to Americans.

Science News Letter, October 18, 1952

METEOROLOGY

More Smoke From Homes Than Factories

► SMOKE FROM the chimneys of individual dwellings and small apartment houses often does more to pollute the neighborhood atmosphere than the smoke from the factory stacks in cities where coal-burning furnaces are widely used.

This is in spite of popular belief to the contrary. Smoke from factory stacks is denser and more concentrated than that from ordinary dwellings, and therefore more visible. But the total discharged may be much less than the output of the many private houses in the region.

This is the opinion of Dr. Walter C. McCrone of the Armour Research Foundation of Illinois Institute of Technology, Chicago, concerning the air pollution problem.

Science News Letter, October 18, 1952

HOUSES OF EARTH

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