

# •First Glances at New Books

## Biography

THE COLOSSUS OF ROADS, A LIFE OF JOHN LOUDON MCADAM—Roy Devereux—*Oxford*, 184 p., illus., \$3. Macadam roads are almost synonymous, the world over, with crushed stone surfaces for highways. Seldom realized is the fact that the name is a living memorial to the Scotsman who, at the turn of the 19th century, began to get the British Isles and eventually much of the whole world "out of the mud." Here his ancestors, life and work are attractively described with copious illustrations.

*Science News Letter, February 20, 1937*

## Documentation

MICROPHOTOGRAPHY FOR LIBRARIES, PAPERS PRESENTED AT THE MICROPHOTOGRAPHY SYMPOSIUM AT THE 1936 CONFERENCE OF THE AMERICAN LIBRARY ASSOCIATION—edited by M. Llewellyn Raney—*American Library Assn.*, 138 p., \$2.50.

*Science News Letter, February 20, 1937*

## Hygiene

ROADS TO HEALTH AND HAPPINESS—Oscar C. Mueller—*Prentice-Hall*, 137 p., \$2. In this simply written book a layman, without trying to take the place of a physician, sets up moderation and cheerfulness as aids to health and happiness. Sound enough teaching, which unfortunately lacks the sensational appeal that seems necessary to "sell" the type of reader who wants a sure, quick cure or specific preventive for every ail and misfortune.

*Science News Letter, February 20, 1937*

## Medicine

MANUAL OF CLINICAL LABORATORY METHODS (2nd rev. ed.)—Pauline S. Dimmitt—*F. A. Davis Co.*, 193 p., illus., \$2.75.

*Science News Letter, February 20, 1937*

## Medicine

INTERPRETATION OF LABORATORY FINDINGS—Raymond H. Goodale—*F. A. Davis Co.*, 170 p., \$2.25. Primarily for physicians but also of possible usefulness to nurses and clinical laboratory workers.

*Science News Letter, February 20, 1937*

## Chemistry

ORGANIC CHEMISTRY, THE CHEMISTRY OF THE COMPOUNDS OF CARBON—Lucius Junius Desha—*McGraw-Hill*, 750 p., \$3.75. Text used at Washing-

ton and Lee University by students who are to take only one year of organic chemistry. Prof. Desha has felt that even the best of these students all too often fail to appreciate the basic principles. This text strives to overcome this difficulty.

*Science News Letter, February 20, 1937*

## Zoology

OPINIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE: OPINIONS 124 TO 133—*Smithsonian Inst.*, 44 p., 15c.

*Science News Letter, February 20, 1937*

## Engineering

MOVING THE EARTH—Charles Pierce Burton—*Holt*, 255 p., \$2. The author is no Atlas of mythology, as one might suspect from the title, but he writes a pleasing book for boys and girls who want to know the why of mining and engineering and its relation to geography.

*Science News Letter, February 20, 1937*

## General Science

SENIOR SCIENCE, SOCIALIZED FOR THE HIGH SCHOOL—George L. Bush, Theodore W. Ptacek, and John Kovats, Jr.—*American Book Co.*, 835 p., illus., \$2.20. The outgrowth of an eight-year experiment with an integrated science course in the senior high school, this text by Cleveland teachers differs from the usual physics and chemistry text in that it cuts boldly across subject-matter lines, stresses applications rather than theory, and directs special attention to the social implications of the subject matter.

*Science News Letter, February 20, 1937*

## Chemistry

A TEXTBOOK OF ORGANIC CHEMISTRY FOR STUDENTS OF THE MEDICAL SCIENCES (2nd ed.)—Dr. Hugh C. Muldoon—*Blakiston's*, 590 p., illus., \$3.

*Science News Letter, February 20, 1937*

## Chemistry

ESSENTIAL PRINCIPLES OF ORGANIC CHEMISTRY—Charles S. Gibson—*Cambridge (Macmillan)*, 548 p., \$5. A British text designed for those who will eventually specialize in organic chemistry or in such related sciences as biochemistry, physiology, pharmacology and therapeutics. Emphasis on laboratory work and a good index add value.

*Science News Letter, February 20, 1937*

## Industrial Chemistry

PERFUMES, COSMETICS AND SOAPS, WITH ESPECIAL REFERENCE TO SYNTHETICS; VOL. III, MODERN COSMETICS (5th Ed.)—William A. Poucher—*Van Nostrand*, 228 p., \$7. Any book which can go into its fifth edition has considerable merit, and this handbook of the formulae necessary to make anything from hair tonic to cosmetics and sunburn preparations will probably continue to interest manufacturers. How many of the stock mixing directions are the backbones of numerous proprietary compounds no one has any way of knowing.

*Science News Letter, February 20, 1937*

## Chemistry

INTRODUCTION TO THEORETICAL CHEMISTRY—William Buell Meldrum and Frank Thomson Gucker, Jr.—*American Book Co.*, 614 p., \$3.50. A comprehensive text on the subject which has proved its merit in several years' use at Northwestern University and Haverford College from whence come the authors. Problems and exercises accompany most of the chapters.

*Science News Letter, February 20, 1937*

## Physics

ELEMENTS OF NUCLEAR PHYSICS—Franco Rasetti—*Prentice-Hall*, 327 p., \$4.50. One of the best known of Italian physicists reviews the recent progress in the growing field of nuclear research. Both theory and experiment are described in a well-balanced book which all research physicists will want to own whether or not they are working in this fascinating field. In such a fast moving field as nuclear research it is important to state that material published up to the summer of 1936 is included.

*Science News Letter, February 20, 1937*

## Chemistry

ELECTRON DIFFRACTION—R. Beeching—*Chemical Publishing Co.*, 107 p., \$1.25. A compact British monograph reviewing this new field of physical research which started with the memorable experiments of Davisson and Germer at the Bell Telephone Laboratories.

*Science News Letter, February 20, 1937*

## Welding

LESSONS IN ARC WELDING—*Lincoln Electric Co.*, 128 p., 50c. Forty-four looseleaf lessons attractively bound, which introduce the novice to welding.

*Science News Letter, February 20, 1937*