

BOOK NOTICES AND REVIEWS.

A Dictionary of Chemical Terms. By James F. Couch, Chemist, Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D. C. 214 pages. New York, D. Van Nostrand Company. Price, \$2.50.

The treatment of the terms has been designed to lie somewhere between that of the dictionary and encyclopedia. Some of the definitions are too brief, but in most instances sufficiently explicit for the average reader. The purpose is evidently for serving the lay reader as well as those familiar with chemical subjects. The author states the controversy has been avoided where possible; usually the commonly accepted definition has been given and, often, the conflicting views are stated. He does not want to be understood as assuming the position of referee in any controversial matter treated, nor must the definitions be considered to represent his private opinion in all cases. The definition given is intended to represent the idea generally accepted by chemists at this time.

A number of botanical terms have been introduced, and the reason is not understood by this writer. For example, "Acanlescent, (bot). Nearly or completely stemless." This definition has nothing to do with chemistry. A definition has been given for "Antidote," but none for "Poison." Additions might advantageously be made and some of the definitions extended to serve the purpose better; however, taking a general survey, the definitions given, while concise, have been carefully prepared, and recently introduced terms are included.

The volume is of convenient size for the desk, bound in flexible fabrikoid, 5 × 7 inches; the mechanical part of the work is good.

NEW PUBLICATIONS.

Qualitative Chemical Analysis. By Theodore J. Bradley, A.M., B.S., Ph.G., Dean and Professor of Analytical and Organic Chemistry, Massachusetts College of Pharmacy. Octavo, 136 pages. Philadelphia: Lea & Febiger. Cloth, \$2.50 net. This Laboratory Manual was prepared as a guide for the author's own classes, and the objects sought are to acquaint the student with the general methods of qualitative analysis and to prepare him to carry out such qualitative tests as the pharmacist may be called upon to make. The course is arranged to include one hour of lecture, one hour of recitation and about three hours of

laboratory work per week for one school year. Practice on the analysis of unknown solutions is provided for throughout the course. The Manual is in no sense a reference book, and in general only those things are included that are needed as a guide for the laboratory work.

A Treatise on Pharmacy for Students and Pharmacists. By Charles Caspari, Jr., late Professor of Pharmacy in the Department of Pharmacy of the University of Maryland. 6th edition, thoroughly revised by E. F. Kelly, dean and professor of pharmacy in the department of pharmacy of the University of Maryland. 8vo, 954 pages, 329 illustrations. Philadelphia: Lea & Febiger. Price, \$8.00 net.

Laboratory Experiments in Organic Chemistry, Designed Especially for Use with Stoddard's Introduction to Organic Chemistry. By E. P. Cook, A.M., Associate Professor of Chemistry in Smith College. Second edition, small 8vo, 70 pages, contents and index. Philadelphia: P. Blakiston's Son & Co., 1920. \$1.00.

Principles of Biochemistry. By T. Brailsford Robertson, Ph.D., D.Sc., Professor of Physiology and Biochemistry, University of Adelaide, South Australia. Formerly Professor of Biochemistry, University of Toronto; Professor of Biochemistry and Pharmacology, University of California. Octavo, 634 pages, with 50 illustrations. Philadelphia: Lea & Febiger. Cloth, \$8.00 net.

Practical Bacteriology, Blood Work and Animal Parasitology, Including Bacteriological Keys, Zoological Tables and Explanatory Clinical Notes. By E. R. Stitt, M.D., Sc.D. Sixth Edition, Revised and Enlarged. Illustrated. Philadelphia: P. Blakiston's Son & Co., 1920. \$4.00.

Chemistry and Civilization. By Allerton S. Cushman, A.M., Ph.D., Director, Institute of Industrial Research. Ex-Lieut. Col. Ordnance Dept., U. S. A. Small 8vo, 148 pages, index, six plates and two illustrations in the text. Boston: Richard G. Badger. \$2.50 net.

Notes on Chemical Research, an Account of Certain Conditions Which Apply to Original Investigations. By W. P. Dreaper, O.B.E., F.I.C. Small 8vo, xv, 195 pages. Philadelphia: P. Blakiston's Son & Co.

A Manual of Toxicology. A concise presentation of the principal facts relating to poisons, with detailed and descriptive directions for the treatment of poisoning, etc. By Albert H. Brundage, A.M., M.D., Phar.D.,