

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.,

M.S. Major, Medical Staff, Police Reserve, City of New York; formerly Professor of Toxicology and Physiology in the Departments of Medicine, Dentistry and Pharmacy of Marquette University. 12th edition, illustrated and enlarged. 12 mo, 444 pages, cloth. New York: The Henry Harrison Co.

The Welcome Photographic Exposure Record and Diary, 1921.

Eminent Chemists of Our Time. By Benjamin Harrow, Ph.D. Associate in Physiological Chemistry, Columbia University. 12 mo, 248 pages. New York: D. Van Nostrand Co. Price, cloth, \$2.50.

Theophrastus Bombastus von Hohenheim Called Paracelsus: His Personality and Influence as Physician, Chemist and Reformer. By John Maxson Stillman, Professor of Chemistry Emeritus, Stanford University. Pp. 184, with illustrations. Chicago: The Open Court Publishing Co., 1920. Price, cloth, \$2.

Physiology and Biochemistry in Modern Medicine. By J. J. R. Mcleod, M.B., Professor of Physiology in the University of Toronto. Assisted by Roy G. Pearce, A. C. Redfield, and N. B. Taylor and by Others. Third edition. Pp. 922, with 243 illustrations. St. Louis: C. V. Mosby Company, 1920. Price, cloth, \$10.

The Chemists' Year Book, 1920. By F. W. Atack, M.Sc., Tech. (Manch.), B.Sc. (London); Fellow of the Institute of Chemistry. Assisted by L. Winyates, A.M.C.T., A.I.C. 5th Ed., 1136 pp. in two volumes. Illustrated. London: Sherratt and Hughes; New York: Longmans, Green & Co., 1920. Price, \$7.00 net.

Die Zwischenprodukte der Teerfarbenaufbereitung. Ein Tabellenwerk für den praktischen Gebrauch. Nach der Patentliteratur bearbeitet von Dr. Otto Lange. 8vo., xxiv-645 pages including index, reference list to German patents and one chart. Leipzig, Otto Spamer; paper bound, M. 135, full bound, M. 150, each plus 40 percent bookseller's advance.

Textbook of Pastoral and Agricultural Botany. By John W. Harshberger, Ph.D., Professor of Botany, University of Pennsylvania. xiii, 294 pages and index, 121 illustrations. Philadelphia: P. Blakiston's Son & Co.

The Qualitative Analysis of Medicinal Preparations. By Henry C. Fuller, B.S. In charge of Division of Drug and Food Products In-

stitute of Industrial Research, Washington, D. C. New York: John Wiley & Sons, Inc. Price, \$2.25.

Chemistry and Analysis of Drugs and Medicines. By Henry C. Fuller, B.S. In charge of Division of Drug and Food Products, Institute of Industrial Research, Washington, D. C. 1072 pages. New York: John Wiley & Sons, Inc. Price, \$10.00.

The Yeasts. By Alexandre Guilliermond, D.Sc., Professor of Botany, University of Lyons. Translated and Thoroughly Revised in Collaboration with the Original Author by Fred Wilbur Tanner, M.S., Ph.D., Assistant Professor in Bacteriology, University of Illinois. Pp. 424, with illustrations. New York: John Wiley & Sons, Inc., 1920. Price, cloth, \$6.

Crain's Market Data Book and Directory of Class, Trade and Technical Papers. It lists all of the business publications of the United States and Canada, giving circulations, rates, type page sizes, closing dates, etc., supplies a market analysis of each trade, profession and industry. The reader is given the basic facts of each line in which he may be interested, including its buying power, buying methods, character of requirements, etc. The volume is bound in cloth and contains nearly 500 pages, G. D. Crain, Jr., 417 South Dearborn Street, Chicago. Price, \$5. Orders in advance of publication are being accepted at the rate of \$3.75.

PUBLICATIONS RECEIVED.

Proceedings of the Thirty-first Annual Session of the Washington State Pharmaceutical Association, held at Tacoma, August 16-20, 1920.

Proceedings of the Pennsylvania Pharmaceutical Association at Its Forty-third Annual Meeting. With the Constitution, By-Laws, Roll of Members, and the Roll of Members of the Traveling Men's Auxiliary, held in Penn-Harris Hotel, Harrisburg, Pa., June 22, 23, 24, 1920.

Proceedings of the Fiftieth Annual Session of New Jersey Pharmaceutical Association, held at The Hotel St. Francis, Newark, N. J., Monday, Tuesday, Wednesday, Thursday and Friday, June 7, 8, 9, 10 and 11, 1920. Also Constitution and By-Laws, Roll of Membership, the Pharmacy Act of New Jersey, Other Laws, List of Registered Pharmacists, The Traveling Men's Auxiliary and the Women's Auxiliary.