

of impressing the readers with need of judgment in taking and giving medicines. Also, the advisability of specifically mentioning medicinal agents may in some instances be questioned.

The book may in some respects be compared with those written on chemistry for the laity, it is interesting and informative, and will give the readers a better understanding of drugs, and regulations that apply to their sale and dispensing, and create for them a somewhat different viewpoint relative to the druggist's responsibilities and his aim to give best service in subserving the interests of society, and of the importance of pharmacy.

There are about one hundred illustrations relating to drug culture, manufacturing and subjects previously referred to by title, also half-tones of a number of pharmacists and others engaged in contributory activities. Family trees: "Coal tar" drugs and their ancestry, and the relation of alcohol to the medicine industry are interesting illustrations.

The author states: "The topics and the subject-matter making up this volume have been inspired by the interrogations and discussions that a scientist, actively engaged in his profession, has encountered during two decades of almost daily contact with professional men of high and low degree, and with the various zones of culture making up our citizen population.

"The work is not intended as a scientific treatise; in fact, that is exactly what has been avoided. The object has been to present, as far as possible, in plain every-day terms and phraseology a story of the various phases of the drug industry, based, as before stated, on the diversified inquiries of non-scientific persons."

Liquor Potassii Arsenitis. By H. A. Langenhan. Part of thesis submitted for the degree of Doctor of Philosophy, University of Wisconsin. Bulletin of the U. of Wis., Serial No. 1153; general series No. 936—A century of the United States Pharmacopoeia, 1820-1920.

The bulletin covers about sixty pages; the references are complete and important points are briefly discussed. Historical account of arsenic therapy is given and the chemistry of the arsenical solutions is searchingly considered. In the pages devoted to Fowler's Solution attention is given to the nomenclature and chemistry, and the preparation is the subject of thorough research from title and synonym to dose in the Pharmacopoeias

of the century; sixteen text subjects are commented on. The appendix gives account of the patents covering Fowler's Solution and reports of Thomas Fowler, M.D.

The monograph may be obtained from the University of Wisconsin for 35 cents; it is needless to enlarge on its value for the library.

Proceedings of the Twenty-second Annual Meeting of the American Conference of Pharmaceutical Faculties, held in New Orleans September 5-6, 1921. The book contains the usual reports, list of membership, roster of officers and committees, papers, etc. A sketch of the late Prof. Henry Parr Hynson by Dr. John F. Hancock accompanies a picture of the deceased.

NEW PUBLICATIONS.

Elements of Fractional Distillation. By Clark Shove Robinson. International Chemical Series. 204 pp. Illustrated. Price, \$2.50 net. McGraw-Hill Book Co., Inc., New York.

Equations: First Course in the Theory of Equations. By Leonard Eugene Dickson. 168 pp. 26 figures. Price, \$1.75 net. John Wiley & Sons, Inc., New York.

Handbook of Laboratory Glass-Blowing. By Bernard D. Bolas. 106 pp. Illustrated. Price, \$1.50. E. P. Dutton & Co., New York.

The Microscope. By Conrad Beck. 144 pp. Price, 2s. 6d. R. & J. Beck, Ltd., London.

Microscope, Its Design, Construction and Application. By F. S. Spiers, Editor. 260 pp. Illustrated. Price, \$5.50. J. B. Lippincott Co., Philadelphia.

Organic Chemistry: Fundamental Principles of Organic Chemistry. By Chas. Moureu. Translated from 6th French edition by W. T. K. Braunholtz. 399 pp. Price, 12s. 6d. net. G. Bell & Sons, Ltd., London.

Perfumes, Essential Oils and Fruit Essence Used for Soap and Other Toilet Articles: A Concise and Practical Account, Including Their Chief Constants, Methods of Analysis, and Numerous Practical Recipes, for the Chief Perfuming Mixtures. By Geoffrey Martin. 145 pp. Illustrated. Price, \$3.50. D. Van Nostrand Co., New York.

Physics: Essentials of Physics. By George Arthur Hoadley. Revised edition. 544 pp. Illustrated. Price, \$1.60. American Book Co., New York.

(Continued on Page X, Advertisers' Section.)

BOOK NOTICES AND REVIEWS.

(Continued from Page 400.)

NEW PUBLICATIONS. (Continued).

History of the Pharmacopoeial Botanical Drugs of the U. S. P. The American Drug Manufacturers' Association has issued the following notice: "After four years' work, Professor John Uri Lloyd and his collaborators have completed the History of the Pharmacopoeial Botanical Drugs of the U. S. P. that they have been compiling for the American Drug Manufacturers' Association and that body now announces that the work is ready for distribution.

"Every botanical drug of the present and past revisions of the U. S. P. is represented by an article which gives information heretofore often difficult, or impossible, of access; such as the geographic distribution of the plant; the various popular designations of the drug; its therapeutic repute from earliest times to the present; the vicissitudes through which it passed on its way to professional recognition; its origin, sometimes legendary, sometimes historical; the research that led to our present pharmaceutical and medical knowledge of the drug, and so on through a wide variety of data.

"The book contains 449 pages bound in tan buckram and is illustrated by 18 pages of halftones comprising 28 separate illustrations in all. Orders for it are being taken at the office of the American Drug Manufacturers' Association, 507 Albee Building, Washington, D. C., the book being sold on a seven day approval basis at its actual cost price of \$6.00."

Qualitative Chemical Analysis: A Systematic Qualitative Chemical Analysis: A Theoretical and Practical Study of Analytical Reactions of the More Common Ions of Inorganic Substances. By George W. Sears. 199 pp. 4 figures. Price, \$1.75 net. John Wiley & Sons, Inc., New York.

An Outline of Qualitative Analysis of Inorganic Substances, Including the Rare Elements. By Horace G. Byers, Ph.D., Professor of Chemistry at Cooper Union, New York. Tables, 5 x 7 $\frac{1}{2}$. Cloth, 227 pp. Price \$2.00. D. Van Nostrand Company, New York.

Critical Microscopy. How to Get the Best Out of the Microscope. By Alfred C. Coles, M.D., D.Sc., M.R.C.P., F.R.S. (Edin.). Illustra-

tions. Five Plates. 108 pp. In Press. D. Van Nostrand Company, New York.

Study Questions in Elementary Organic Chemistry. By Alexander Lowy, Ph.D., Assistant Professor of Organic Chemistry, and Thomas B. Downey, M.S., Instructor in Organic Chemistry, University of Pittsburgh. 6 x 9. Paper, 100 pp. Price \$1.00. D. Van Nostrand Company, New York.

Distillation Principles and Processes. By Sydney Young, M.A., D.Sc., F.R.S., Professor of Chemistry in Dublin University, with the collaboration of Lieut. Col. E. Briggs, D.S.O., D.Sc., T. Howard Butler, Ph.D., M.Sc., F.I.C., Thomas H. Durrans, M.Sc., F.I.C., Hon. F. R. Henley, M.A., F.I.C., Joseph Reilly, M.A., D.Sc., F.R.C.Sc.I., F.I.C. 520 pages, 6 x 9, over 200 illustrations. Postpaid, \$10.50. D. Van Nostrand Company, New York.

Library of Chemical Analysis. The library consists of the following six books: "Griffin's Technical Methods of Analysis," "Hall and Williams' Examination of Iron, Steel and Brass," "White's Gas and Fuel Analysis," "Lord and Demorest's Metallurgical Analysis," "Mahin's Quantitative Analysis," "Woodman's Food Analysis." Price \$24.50. McGraw-Hill Book Company, Inc., New York.

Technical Methods of Analysis, as employed in the laboratories of Arthur D. Little, Inc. By Roger Castle Griffin, Director of the Analytical Department. 666 pages, 5 $\frac{1}{2}$ x 8, 29 illustrations. Price \$6.00. McGraw-Hill Book Co., Inc., New York.

Applied Colloid Chemistry. By Wilder D. Bancroft, Professor of Physical Chemistry, Cornell. 345 pages, 5 $\frac{1}{2}$ x 8, 10 illustrations. Price \$3.00. McGraw-Hill Book Co., Inc., New York.

Waste in Industry. By the Committee on Elimination of Waste in Industry of the Federated American Engineering Societies, with a foreword by Herbert Hoover. 406 pages, 6 x 9, \$4.00. McGraw-Hill Book Co., Inc., New York.

Vitamins. By H. C. Sherman and S. L. Smith. American Chemical Society Monograph. 270 pp. Price, \$4.25. Chemical Catalog Co., Inc., New York.