

BOOK NOTICES AND REVIEWS.

The following book reviews have been prepared and contributed by Otto Raubenheimer, Ph.M.

Women in Chemistry. A Study of Professional Opportunities. Octavo. 272 pp. Paper, \$1.10. Cloth, \$1.60. The Bureau of Vocational Information, New York City. 1922.

The Bureau of Vocational Information is a research and educational organization established to study the opportunities for training and for professional employment of women, to supply educational institutions with information concerning the occupational opportunities and needs of women, and to help women to choose wisely and prepare adequately for their fields of work.

The volume before us is No. 4 of "Studies in Occupations," previous volumes dealing with Law, Statistical Work and Positions of Responsibility in Department Stores. The book is based upon information from more than one thousand sources and gives information regarding the varied character and wide scope of the woman chemist's work. It analyzes the preprofessional or undergraduate training, and the professional preparation that is becoming increasingly necessary for ultimate success in scientific work in this profession.

In the appendix will be found a list of scientific societies which admit women chemists, and a list of the important fellowships, suggestive of the many opportunities for postgraduate study. On p. 267 the AMERICAN PHARMACEUTICAL ASSOCIATION, and on page 247 its Research Fund are duly mentioned, and on p. 262 the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION is listed under Scientific Publications of Interest to Chemists.

This report should be read by all teachers and students of chemistry, and by all deans, vocational counselors and advisors of girls and women who wish to be informed about professional opportunities in the growing field of chemistry.

Who will write a book on "Women in Pharmacy" next?

Applied Chemistry. An Elementary Text Book for Secondary Schools by Fedus N. Peters, Ph.D., author of "Chemistry for Nurses," etc. 12 mo. 461 pp. Cloth, \$3.50. St. Louis, C. V. Mosby Co., 1922.

No dinner menu is complete which offers nothing but lean meat and vegetables. It may thus contain all that is essential, but far from

all that is desired. Entrees and desserts round out the meal and give a sense of satisfaction not otherwise possible. Such is the attempt of the text before us, namely, to present the chemical facts of every-day life in a readable form and by so doing make them interesting. On the other hand no one at a table d'hote dinner is expected to order everything on the bill of fare. Let him use judgment and discretion, the teacher likewise with this book.

The author has been Instructor in Chemistry in Central High School, Kansas City, Mo., for almost a quarter of a century and thus gained vast experience in what a high school student should learn about chemistry. The book is divided into 37 chapters, each being followed by Exercises for Review in the form of questions. The 72 illustrations help to make the text still more lucid. We want to call special attention to the Appendix containing Tables for Reference and Glossary, among which the following are noteworthy: Solubilities of Common Compounds, Chemical Terms and Common or Commercial Names.

The book is written in a very clear and plain style and can also be used by pharmaceutical students and pharmacists.

The Norman W. Henley Publishing Company, New York City, have submitted the following two books for review:

Perfumes and Cosmetics, Their Preparation and Manufacture, by George William Askinson, Druggist, Chemist, Manufacturing Perfumer. 5th Edition. Octavo. 392 pp. \$6.00.

The perfume industry of to-day is more important than at any time in its long and honored career. Beginning centuries ago probably in the first of a real civilization, with the preparation of a few odorous gums and woods and their adaption to the purposes of the toilet, it has gradually expanded until we find it now an industry which touches upon many fields of human endeavor.

From the 52 chapters of the book we will quote the following headings: History of Perfumery; Aromatic Vegetable and Animal Substances Used in Perfumery; Chemical Products; Adulteration of Essential Oils and Their Recognition; Synthetic Products; Formulas for Handkerchief Perfumes, Sachets, Creams, Pastes, Hair Tonics, Preparations for the Skin, Nails, Hair and Mouth; Colors Used in Perfumery; Aging of Perfumes; Mineral Oil and Substitutes.

Being written by a manufacturing perfumer with long experience the book contains a lot of practical advice which can be utilized to a good advantage by the reader. We can also recommend this book to pharmacists, who want to perfect themselves as to perfumes and cosmetics.

A Course in Mechanical Drawing for School Use and for Self-Instruction. By Louis Rouillion, B.S., A.M. 92 pp. \$1.50.

The author is director of the Mechanics Institute, New York City, and, by the way, is the son of Octave A. A. Rouillion, one of the oldest pharmacists in New York state, who died at the age of 85 on September 1, 1918, in Brooklyn.

The book is now in its 15th edition, revised and enlarged. It is a practical treatise on the art of making drawings, lettering and dimensioning, which can be used with profit by the pharmacist and druggist in his advertising signs.

PUBLICATIONS RECEIVED.

Origin and History of the Botanical Drugs of the United States Pharmacopoeia. Published by the American Drug Manufacturers' Association, 449 pages, bound in tan buckram, illustrated by 18 pages of halftones, comprising 28 separate illustrations in all. Price, \$6.00. Orders should be addressed to the American Drug Manufacturers' Association, 507 Albee Building, Washington, D. C.

"Four years' work were given to the preparation of this work by Prof. J. U. Lloyd and his collaborators. 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."

Preparations for the work herewith presented were made early in 1917 by the American Drug Manufacturers' Association; the Committee placed in charge of the undertaking was composed of Messrs. A. R. L. Dohme, J. M. Francis and J. U. Lloyd. Both the Association and the Committee speak for the research

and reference value of the work. Volume II, relating to Chemicals and Preparations, is being prepared.

Chemical Engineering Catalog, Francis M. Turner, Jr., Technical Editor. Published by The Chemical Catalog Company, Inc., 19 E. 24th Street, New York. About 1200 pages, flexible leather cover. Price, \$10.00, also leased at \$2.00 per copy to chemists, chemical engineers, etc. The volume is published annually under the supervision of an official committee, appointed by the American Institute of Chemical Engineers, the American Chemical Society and the Society of Chemical Industry.

Using the description given in the book, which is in no way overdrawn, the Catalog is a compilation of data of manufacturers supplying the field, supplemented by a general classified directory of equipment, supplies and materials in one volume—representing in abstract, individual catalogs, indexed and assembled.

The Company has established an Information Bureau Service. The service includes furnishing of names and addresses of manufacturers and sources of supply; market information, uses of various chemicals and materials; statistics and miscellaneous information.

More than 200 pages (7 x 10, 3 columns) are given an alphabetical list of chemicals, and from whom and where they may be obtained. Many pages are given to illustrations of apparatus and explanation of uses, by whom manufactured, etc.

More than 1200 books relating to the industries are listed and described; there is a subject index also, so that information may be had without going through the full list of books or of authors' names. The term catalog is somewhat misleading; it is a catalog, but much more—information is given on practically every item that is cataloged.

Getting More Drug Store Business. By Frank Farrington. Twenty-four instructive chapters telling how to get new customers, meet competition, have the best clerks, make the fountain successful, sell sundries, etc. About 200 pages, 4½ x 7¼. Cloth. Price, \$1.50. The Spatula Publishing Company, Boston 14, Mass.

Research in Industry: The Basis of Economic Progress. Arthur Percy, M. Fleming and J. G. Pearce. 244 pp. Illustrated. Price, \$4.00. Isaac Pitman & Sons, New York.