

## 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.