

## New Books

**SOYBEAN CHEMISTRY AND TECHNOLOGY**, by Klare S. Markley and Warren H. Goss. Chemical Publishing company, Brooklyn, New York, (261 pp., 1944, \$3.50). This book will adequately satisfy the need for the latest information concerning the increasingly important soybean industry. It will be used profitably by all who work with any one of the hundreds of products obtained from the unique soybean. The volume is conveniently divided into two parts. Part I, dealing with the chemistry of the many constituents of the soybean, will be of greater interest to most chemists than will Part II, which is concerned solely with the technical methods of processing.

The thoroughness with which the literature (through 1942) has been examined is indicated by the citation of almost 700 references. Typographical errors such as the extra line on page 91 are fortunately rare. It might be well to call attention to the spelling of "methylisogenistein" on page 33. The name of this glucoside should be corrected to methylisogenistin. The definition of refractive index on page 69 is misleading and should be reworded. Such minor inaccuracies, however, may be readily forgiven when one considers the immense amount of work and patience this volume must have necessitated. The format is attractive, diagrams, photographs and tabular data have been conveniently placed and are clearly reproduced. There appears to be no omission of any pertinent material.

—W. O. POOL.

**THE STANDARDIZATION OF VOLUMETRIC SOLUTIONS**, by R. B. Bradstreet. Second edition, 151 pages, 1944. Chemical Publishing Company, Inc., Brooklyn, New York (\$3.75). This book is a handy desk or bench volume for the laboratory technician. The first chapter includes some very general considerations. The second chapter deals with the calibration of volumetric glassware. Following this are five additional chapters covering such subject matter as indicators, primary standards, standard solutions of acids and bases, oxidizing reagents, precipitation reagents, and several miscellaneous items. While the book is not sufficiently comprehensive for laboratories dealing with a great variety of less common analyses, it does include information pertaining to a majority of the solutions used in the most usual analytical work. Insofar as the book goes, it is quite complete, containing directions for the preparation and standardization of volumetric solution.

—V. C. MEHLENBACHER.

HAROLD F. ORY has been transferred from the St. Louis office of the Ralston Purina Company to the Iowa Falls, Ia., plant. He was chairman of the Advertising committee for *Oil & Soap* last year.

R. T. MILNER, head of the analytical and physical chemical division of the Northern Regional Research laboratory, Peoria, Ill., has been appointed to the committee on Analysis of Commercial Fats and Oils by Dr. Klare S. Markley, president of the American Oil Chemists' Society.

## Chemical Exhibits Viewed in Chicago

Many members of the American Oil Chemists' Society attended the third National Chemical exposition arranged by the Chicago section of the American Chemical Society at the Chicago Coliseum on November 15 to 19 to see for themselves the new products, industrial movies, and exhibitors. Some of the new products were displayed under the collective title of "Chemical Trail-Blazers."

Among the speakers was Roy C. Newton, vice-president of Swift and Company, who discussed "New Research Developments in Industry." Victor Conquest, director of research for Armour and Company, was chairman of the session on "The Chemist in Pharmaceutical Manufacture."

Among the specialized exhibits was that of the Armour Research Foundation, which conducts a register of rare chemicals not ordinarily available on the market and attempts to bring together those who have such chemicals available and those who may need them but have no source of supply. The Foundation does not buy or sell the chemicals but merely attempts to put demand and supply in touch with each other. The address of the Foundation is 35 W. 33rd street, Chicago 16, Ill.

Thousands of patents and patent applications as well as abstracts vested by the Alien Property Custodian were available for examination at the Coliseum, also information on licensing procedure.

# FATS and OILS

## An Outline of Their Chemistry and Technology

By H. G. Kirschenbauer

Research Chemist, Colgate-Palmolive-Peet Co., Formerly Chief Chemist, Armour Soap Works, Babbitt, N. J.

There is great need for a condensed treatment of the fundamentals of the chemistry and technology of vegetable fats and oils. No attempt has as yet been made to present this highly important and useful information in such a way as to meet the requirements of those practically engaged in the industries which utilize these materials directly or indirectly. The present outline is an attempt to fill this need.

It covers the nature, methods of processing, chemical structure and diverse uses of both animal and vegetable oils and fats. The text is amplified with tabular data, diagrams and illustrations.

This handy and informative volume will be welcomed by workers in the soap, paint, food and cosmetic industries, and will serve as an excellent reference book for students of industrial chemistry.

### CONTENTS

Constituents and Components of Fats • Structure and Classification of Fats • The Nature of Fats and Fatty Acids • Analytical Methods • The Technology of Fats • Some Important Fats • Waxes • Appendix • Tables • Bibliography.

154 Pages

Illustrated

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