

BOOK NOTICES AND REVIEWS.

The second or 1925 edition of *Official and Tentative Methods of Analysis* of the Association of Official Agricultural Chemists, prepared by the Committee on Editing Methods of Analysis consisting of R. E. Doolittle (Chairman), G. W. Hoover, W. H. MacIntire, A. J. Patten, B. B. Ross and J. W. Sale, is now ready for distribution. In this edition the methods as given in the previous or 1920 edition have been revised to include the additions, deletions, and other changes made at the 1919, 1920, 1921, 1922 and 1923 meetings of the association. The revision has been thorough, extending even to rearrangement of material and the addition of chapters on agricultural liming materials and gelatin.

The new edition has 32 chapters under the following headings: fertilizers; soils; agricultural liming materials; plants, insecticides and fungicides; tanning materials; leathers; waters, brine, and salt; feeding stuffs; preservatives and artificial sweeteners; coloring matters in foods; metals in foods; sugars and sugar products; fruits and fruit products; canned vegetables; cereal foods; meat and meat products; gelatin; dairy products; fats and oils; baking powders and baking chemicals; spices and other condiments; vinegars; coffees; teas; cacao products; flavoring extracts; wines; distilled liquors; beers; drugs; reference tables.

This edition has 510 pages, exclusive of the index; the printing is upon a good quality of paper, and the book is strongly and attractively bound. The price is: for North America and U. S. possessions, \$5.00 net, postpaid; for all other countries, \$5.50 net, postpaid. Association of Official Agricultural Chemists, Box 290, Pennsylvania Avenue Station, Washington, D. C.

Dictionary of Botanical Equivalents: German-English, Dutch-English, Italian-English. By Ernst Artschwager, Ph.D., associate pathologist, Bureau of Plant Industry, Department of Agriculture. French-English. By Edwina M. Smiley, M.A., formerly instructor of plant pathology, Cornell University. $5\frac{1}{2} \times 7\frac{1}{2}$ inches, 124 pages. 2nd edition; revised and enlarged. Price \$3.25. Baltimore, The Williams & Wilkins Company.

The Dutch-English and Italian-English sections appear for the first time in this edition. Blank pages are left at the end of each section for the writing in of additional terms and equivalents by the user.

"Readers of foreign botanical literature have for a long time felt the need of an accurate translation of technical terms which are not commonly found in our dictionaries," say the authors in the preface to the first edition. To meet this need was the original motive of the book. That the need was real and that workers welcomed the effort to supply it is amply evidenced by the popularity which greeted the first edition, and which made a new edition necessary.

The list of plant names includes important economic plants, farm weeds, and the Latin equivalents for the larger plant groups. Changes in the arrangement and in the type page have made possible a reduction in the number of pages, and the inclusion of much additional matter, this treatment improving the appearance and compactness of the present edition. The compilation of German-English names occupies 73 pages; the Dutch-English, 16 pages; the Italian-English, 14 pages; and the French-English, 21 pages, blank pages being inserted between each of the sections to permit each user of the book to amplify the list and thus add to its usefulness.

As explained in the first edition, the foundation of the work rests on Schneider's "Illustriertes Handwörterbuch der Botanik;" many terms, however, are taken from other sources, so as to give authentic and comprehensive information.

Distribution through the Drug Trade—how to get it, also decisions governing distribution.—A manual for manufacturers, proprietors, advertisers, advertising agencies and buyers.—Practical answers to practical problems. Compiled by C. H. Waterbury for Committee on Proprietary Goods. National Wholesale Druggists' Association. Price, \$1.00.

This is a most interesting treatise of the subject, covering 65 pages. The divisions relate to the drug market, location of the wholesale markets, distribution at wholesale and general policies, decisions on price maintenance, and value of drugs, chemicals and preparations sold by druggists. The index has several hundred references and the bibliography about fifty, the subject matter is tersely presented and still in an interesting way and all of it for application in business. There are six pages of illustrations—charts that depict relationships in the sales of articles in city and country stores, the number of orders and other

details, which give information of value to wholesalers and manufacturers and may also be studied advantageously by retailers.

Reagenzien und Reaktionen der Gebräuchlichen Elemente und Alkaloide. Von Gustav Meyer, Apotheker. Gold-Mk 1.50. Verlag von Gebr. Steffen, Limburg a. d. Lahn.

This handy little volume was compiled by a German apotheker and is intended for the use of students of pharmacy (male and female, as stated on title page), chemistry and medicine. On 102 pages the principal reagents and reactions are given. The simple tests for alkaloids should be of special interest. I notice that Meyer still uses the old chemical formula for ferric chloride, *i. e.*, Fe_2Cl_6 .

Grundzüge der Anorganischen Chemie. Ein Kurzgefasstes Hilfsbuch und Repetitorium für Studierende der Naturwissenschaften, Medizin und Pharmazie. Von Dr. Phil. et Ing. Ludwig Wolf, Assistant am Chemischen Institut der Universität Berlin. Octav. 231 p. Franz Deuticke, Wien I, 1924.

This book from the pen of a teacher of chemistry and a practical man besides, brings out the most important facts. For this reason it is especially valuable to the students of pharmacy and medicine as a textbook as well as a review book, and also to the pharmacist and physician as a hand and reference work. Seven illustrations help to elucidate the text and the appended two tables on Periodic system and the family tree of the Uranium—Radium—Actinium group, are valuable additions. A fifteen page, double column index, very complete and detailed, concludes the excellent book.

Der Kräutersammler. Von Prof. Dr. Hermann Kunz-Krause, Gch. Medizinalrat in Dresden. 101 pp. 45 cents. Gehe—Verlag, Dresden N. 6.

The author is well known in pharmacy, chemistry and medicine the world over. Besides being a practical German apotheker and member of the State Board of Pharmacy, he is director of the Chemical Institute of the Veterinary College in Dresden and also editor of the *Pharmazeutische Nachrichten*, published by Gehe & Co., the Dresden drug firm known universally. Prof. Dr. Kunz-Krause has gained a well-earned reputation by his German translation of Guareschi's master work on alkaloids and by his many contributions on phyto-chemical and pharmaco-chemical researches, published in the pharmaceutical and chemical literature throughout the world.

The first part of the "Herb collector" is devoted to general principles and rules for the collection of plants, which should be strictly followed in order to dispose of the herbs in the market at a fair price. In the second part fifty medicinal plants are described, beginning with Arnica, and ending with Wurmfarne (Aspidium). These monographs are very complete and contain German and Latin name, synonyms, family, description, habitat, commercial drug, time of collection, constituents, uses, etc.

May I suggest that in future editions of this valuable book the index be placed at the end, instead of in the center?

PUBLICATIONS RECEIVED.

Contribution to the Anatomy of the Official and Pharmaceutically Employed Leaf Drugs of the Composite. An inaugural dissertation for the doctor's degree by Gustav Weiss. The work was completed at the Pharmaceutical Institute of the University of Basel. Encouragement for the investigation was given by Prof. Dr. H. Zörnig. The candidate dedicates the work to his father and the memory of his mother.

Pulvis Effervescens Compositus.—A Century of the U. S. Pharmacopœia. A thesis submitted for the degree of Master of Science by Arthur Henry Neumann. Bulletin of the University of Wisconsin—serial No. 1304. General Series No. 1081. A general history is given and also the Pharmacopœial history and synonymy; this is followed by tests of the U. S. P. and comments, the titles, synonyms, abbreviations; consideration of the constituents, assay, etc.

THE DRUG STORE FORUM.

The *New York Sun* of recent date, in an editorial, comments on the information obtainable in the drug store, and especially as it applies to the drug stores of the smaller cities. The editorial throughout, while largely concerned with the recent trial in Dayton, Tenn., stresses the publicity given and discussion of events in drug stores, indicating the extent of its influence, not only in political matters, social affairs, but also educational subjects. All this signifies that if the trend of thought is directed in the right way pharmacy may be advanced in various directions and the inroads so evident in some sections stopped.