

## Book Notices

*Organic Reactions*. Vol 12. Edited by ARTHUR C. COPE. John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. vii + 538 pp. 15 × 23 cm. Price \$13.

The important synthetic organic chemical reactions considered in this volume are: Cyclobutane derivatives from thermal cycloaddition reactions; Preparation of olefins by the pyrolysis of xanthates; The Chugaev reaction; Synthesis of aliphatic and alicyclic nitro compounds; Synthesis of peptides with mixed anhydrides; and Desulfurization with Raney nickel. A subject index is appended together with cumulative author and chapter indexes for volumes 1-12.

*Progress in Polarography*. Vols. 1 and 2. Edited by P. ZUMAN. John Wiley & Sons, Inc., Interscience Div., 440 Park Ave. South, New York 16, N. Y., 1962. Vol. 1, xiv + 255 pp. 15 × 23 cm. Price \$12. Vol. 2, x + 451 pp. 15 × 23 cm. Price \$15.

Authoritative discussions of many applications of polarography are given in 38 chapters in the two volumes. Although much of the literature in this field is of foreign origin, only two of the published chapters in these volumes are in a foreign language (German). The chapter numbers and the pagination are continuous and the general author and subject indexes are given at the end of volume 2. An excellent working and reference publication.

*Basic Facts of Medical Microbiology*. 2nd ed. By STEWART M. BROOKS. W. B. Saunders Co., West Washington Square, Philadelphia 5, Pa., 1962. vii + 329 pp. 20.5 × 14.5 cm. Price \$5.

A simple and direct textbook on microbiology for nursing students and other beginning science students.

*A Textbook of Pharmacognosy*. 8th ed. By GEORGE EDWARD TREASE. Exclusive U. S. agents, The Williams & Wilkins Co., 428 East Preston St., Baltimore 2, Md., 1961. viii + 808 pp. 13.5 × 22 cm. Price \$11.

Although the author notes that most of the new work in pharmacognosy is concerned with the constituents of drugs and the newer methods of physical and chemical evaluation, much of the text relates to living plants and their macro and microscopical characters.

*A Manual of Cosmetic Analysis*. By SYLVAN H. NEWBURGER. Association of Official Agricultural Chemists, Inc., P. O. Box 540, Benjamin Franklin Station, Washington 4, D. C., 1962. vi + 84 pp. 17.5 × 25.5 cm. Paperbound. Price \$4 domestic, \$4.25 foreign.

The technically sound and laboratory tested methods of analysis included in this manual were

developed in the FDA Division of Cosmetics (now the Division of Color and Cosmetics). The applications of infrared and ultraviolet spectrophotometry and also chromatography to cosmetic analysis are concisely and clearly described and illustrated. Many of the analytical methods presented have not appeared in the literature and others will be further subjected to collaborative studies. Some of the methods, probably those involving more stabilized formulations, eventually may be incorporated into A.O.A.C. Methods of Analysis.

*Readings in Pharmacy*. Edited by PAUL A. DOYLE. John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. xiv + 429 pp. 15 × 23 cm. Price \$6.50.

A series of selected essays from professional journals are collected in this book for use, primarily, as a textbook for pharmacy students. Topics covered include pharmacy and society, famous pharmacists, pharmacy in literature and music, history of pharmacy, and pharmacy around the world. Each section contains a bibliography of additional readings on the general subject area to supplement the complete essays included in the volume.

*Antimicrobial Agents and Chemotherapy—1961*. Edited by MAXWELL FINLAND and GEORGE M. SAVAGE. American Society for Microbiology, 115 Huron View Blvd., Ann Arbor, Mich., 1962. xiv + 984 pp. 15 × 23 cm. Price \$10.

This volume of an annual series covers papers presented at the Interscience Conference on Antimicrobial Agents and Chemotherapy on research activity in the field of microbiology, chemistry, pharmacology, biochemistry, clinical medicine, and pathology. Section headings include infectious diseases, cancer chemotherapy, mode of action: biogenesis, clinical evaluation of new antibiotics, new penicillins, chemistry and biological properties, and synthetic antimicrobials, among others. The volume is a collection of numerous research reports in the various areas noted.

*The Chemistry and Manufacture of Cosmetics*. 2nd ed. Vol. 1. By MAISON G. DENAVARRE. D. Van Nostrand Company, Inc., 120 Alexander St., Princeton, N. J., 1962. xii + 389 pp. 15 × 22.5 cm. Price \$10.75.

This first volume of a four volume set, subtitled "Background," covers a wide array of subjects including aerosols, antibiotics, cosmetic colors, emulsions, federal regulations, perfume creation, pharmacology and toxicology, preservation, rancidity and rheology, and tested product formulas. Also included is a 30-page section devoted to incompatibilities of numerous cosmetic ingredients.