

by mouth. The monographs for individual substances list several names for the substance (when there are several), gives the molecular formula, description of the substance, solubility, uses, dose, toxic effects, and contraindications, including abstracts from articles that cover such aspects as hazards of prescribing with other drugs, *etc.*

Part 2 covers about 600 "Supplementary Drugs and Ancillary Substances." These are not covered in as much detail as the substances in Part 1. Some of the supplementary drugs are new substances not yet well recognized and others are old products that are no longer widely used, but still important enough to necessitate the pharmacist having descriptive information readily available.

Part 3 gives useful information on the composition and the manufacturer's name of about 1600 over the counter proprietary items. Since the name or composition of these may differ from preparations available in the U. S., this section is less useful than the other sections to the American pharmacist.

Although this is a British publication and compiled primarily for use in England, any American pharmacist who wishes to maintain a reasonably complete library will find it helpful as it contains some useful information not in our usual reference books. To get the most value out of it, one must use it enough to become acquainted with its organization. One will find information on various proprietary products in all three parts of the book. The inside of the cover "wrapper" suggests that one always refer to the Master Index, but if one is looking for "abbreviations," they are not mentioned in it, but rather listed under the table of "Contents," which refers one to page xxiii. Despite this, the index is very comprehensive, listing over 32,000 entries so that any preparation can be traced from its official name, chemical name, synonym, or proprietary name. There is also an Index to Clinical Uses, listing diseases and drugs used in treating them.

I recommend this book as a reference for hospital, prescription, and industrial pharmacists.

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Drugs Affecting the Peripheral Nervous System.

Medicinal Research Series Vol. 1. Edited by ALFRED BURGER. Marcel Dekker, Inc., 95 Madison Ave., New York, NY 10016, 1967. xxii + 620 pp. 15.5 × 23 cm. Price \$27.50

This book, the first of a series, is intended to survey major topics in the area of pharmacodynamic agents acting on the nervous system; the approach is on a fundamental biochemical-pharmacologic basis. These volumes are a memorial to the late Fred Schueler who participated in the selection of authors.

There are ten chapters covering such areas as the molecular aspects of cholinergic mechanisms, muscarinic drugs, atropine-like agents, ganglionic drugs, adrenergic drugs, and others. For the most part standard drug classification has been followed. The structure-activity relationships of many compounds and series of compounds are given. In some areas the older data have been reinterpreted in the

light of newer knowledge. In other areas this has not been done. Even so, one of the values of this book is the extensive documentation of the large number of chemical structures tested in each drug class. Although at least one new class of compounds is not extensively covered—the β -adrenergic blocking agents—on the whole the references are up-to-date.

Another plus value is the complete author index of the cited literature. This serves as an excellent system to locate older references in which the author's name is better known than the class of drugs he studied.

Some of the authors have ventured into predictive speculations. The chapter on cholinergic mechanisms is of this kind. Each author in this book has been intimately associated with the material presented in his chapter. Both university laboratories and drug industry laboratories are represented. The projected series, if up to the quality of this first volume, will be a worthwhile addition to any pharmacology library.

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Index to Reviews, Symposia Volumes and Monographs in Organic Chemistry.

For the period 1963–1964. Compiled and edited by NORMAN KHARASCH and WALTER WOLF. Pergamon Press, Inc., 44–01 21st Street, Long Island City, New York, N. Y. 11101, 1966. x + 326 pp. 21.5 × 28 cm. Price \$17.50.

This is the third volume of this "Index." The earlier two volumes covered 1940–1960 and 1961–1962, respectively. The "Index" covers works in French and German, and English translations of Russian studies, as well as those in English. Presentation is by journals, *i.e.*, the journals are listed alphabetically with the titles of the review articles contained in each listed chronologically. Eighty-three journals and periodic publications and fifty-three symposia, collective volumes, and nonperiodical publications are covered. A separate listing of monographs dealing with organic chemistry and closely related topics which have been published in English, French, and German is also given. A complete author and subject index is included.

Staff review

NOTICES

Organic Photochemistry. Vol. 1. Edited by ORVILLE L. CHAPMAN. Marcel Dekker, Inc., 95 Madison Ave., New York, NY 10016, 1967. xi + 339 pp. 15.5 × 23 cm. Price \$15.75.

Quelques Aspects de la Chimie des Medicaments. By A. LESPAGNOL, D. BAR, C. LESPAGNOL, and M. DAUTREVAUX. Masson et Cie, Editeurs, 120 Boulevard Saint-Germain, Paris VI^e, France, 1966. viii + 268 pp. 16 × 23.5 cm. Price 78F. Paperbound.

- Russian Drug Index*. 2nd ed., 1967. By STANLEY JABLONSKI. National Library of Medicine, Bethesda, Md. May be obtained from the Supt. of Documents, U.S. Government Printing Office, Washington, DC 20402 (PHS Publication No. 814, Rev. 1967). iii + 384 pp. 21.5 × 28 cm. Price \$2.25. Paperbound.
- Lehrbuch der pharmazeutischen Chemie*. By G. WAGNER. Veb Verlag Volk und Gesundheit Berlin, Absatzabteilung, 69 Jena, Villengang 2, Germany, 1966. 669 pp. 17 × 24.5 cm. Price Geb. MDN 59.80.
- The Chemistry of Lignin*. By IRWIN A. PEARL. Marcel Dekker, Inc., 95 Madison Ave., New York, NY 10016, 1967. xii + 339 pp. 15.5 × 23 cm. Price \$15.75.
- Pharmacological and Chemical Synonyms*. 4th rev. ed. Compiled by E. E. J. MARLER. Excerpta Medica Foundation, 119-123 Herengracht, Amsterdam, The Netherlands, 1967. vii + 349 pp. 17 × 24 cm. Price \$18.20 postpaid.
- Toxicants Occurring Naturally in Foods*. Prepared by the Food Protection Committee, National Academy of Sciences-National Research Council, 2101 Constitution Ave., N.W., Washington, DC 20418, 1966. 15.5 × 23.5 cm. 301 pp. Price \$6.00.
- Neurotoxicity of Drugs*. Vol. VIII of the Proceedings of the European Society for the Study of Drug Toxicity—Prague, June 30–July 2, 1966. (International Congress Series No. 118). Excerpta Medica Foundation, Herengracht 119-123, Amsterdam, The Netherlands, 1967. 227 pp. 16.5 × 24 cm. Price \$12.50 postpaid. Paperbound.
- Gadamer's Lehrbuch der chemischen Toxikologie und Anleitung zur Ausmittelung der Gifte*. 3. vollig neu bearb. Aufl. Bd. II: Allgemeine Methoden. Herausgegeben von ENGELBERT GRAF. Vandenhoeck & Ruprecht, Göttingen, West Germany, 1966. xii + 720 pp. 17.5 × 24.5 cm. Price Lw. DM 198-.
- Mongolism*. Ciba Foundation Study Group No. 25. Edited by G. E. W. WOLSTENHOLME and RUTH PORTER. Little, Brown & Co., Boston, MA 02106, 1967. ix + 99 pp. 12.5 × 19 cm. Price \$3.50.
- The Effects of External Stimuli on Reproduction*. Ciba Foundation Study Group No. 26. Edited by G. E. W. WOLSTENHOLME and MAEVER O'CONNOR. Little, Brown & Co., Boston, MA 02106, 1967. x + 107 pp. 12.5 × 19 cm. Price \$3.50.
- Synthetic Methods of Organic Chemistry*. Yearbook 1967. Vol. 21. By W. THEILHEIMER. S. Karger, Basel, Switzerland. Available from Albert J. Pheibig, P. O. Box 352, White Plains, NY 10602. xx + 540 pp. 15.5 × 23 cm. Prices Fr./DM 19S.—U. S. \$47.80
- Problèmes Actuels de Biochimie Appliquée*. Edited by MAURICE-LOUIS GIRARD. Premier Serie. Masson & Cie, Editeurs, 120 Boulevard Saint-Germain, Paris VI*, France, 1967. vi + 368 pp. 16.5 × 24.5 cm. Price 90 F.
- Problems in Laboratory Evaluation of Antianginal Agents*. Edited by M. M. WINBURY. North-Holland Publishing Co., P. O. Box 103, 68-70 N. Z. Voorburgwal, Amsterdam, The Netherlands, 1967. v + 65 pp. 15.5 × 23 cm. Price \$4.50.
- Black Market Medicine*. By MARGARET KREIG. Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1967. x + 304 pp. 15.5 × 24 cm. Price \$5.95. [A review of this book appeared in *J. Am. Pharm. Assoc.*, NS7, 364(1967).]
- Development of the Lung*. Ciba Foundation Symposium. Edited by A. V. S. DE REUCK and R. PORTER. Little, Brown and Company, 34 Beacon St., Boston, MA 02106, 1967. xv + 408 pp. 14 × 21 cm. Price \$13.00.
- Endocrinology of the Testis*. Ciba Foundation Colloquia on Endocrinology, Vol. 16. Edited by G. E. W. WOLSTENHOLME and M. O'CONNOR. Little, Brown and Company, 34 Beacon St., Boston, MA 02106, 1967. xiii + 331 pp. 14 × 21 cm. Price \$12.50.
- Thiamine Deficiency: Biochemical Lesions and Their Clinical Significance*. Ciba Foundation Study Group No. 28. Edited by G. E. W. WOLSTENHOLME and M. O'CONNOR. Little, Brown and Company, 34 Beacon St., Boston, MA 02106, 1967. x + 163 pp. 12 × 18.5 cm. Price \$3.50.
- Caste and Race: Comparative Approaches*. Ciba Foundation Symposium. Edited by A. DE REUCK and J. KNIGHT. Little, Brown and Company, 34 Beacon St., Boston, MA 02106, 1967. xi + 348 pp. 14 × 21 cm. Price \$12.00.