

valuable point of departure for experimental or clinical pharmacologists with interests in this field. Unfortunately, this series will be of less value to the clinician who is looking for a critical appraisal of currently available antitussive compounds. Questions relating to clinical efficacy and untoward effects are left dangling in some cases. It would have been helpful to the clinician-reader if the authors had included a critique of conflicting reports presented based on their own expertise and assessment of the literature.

Each volume concludes with a complete subject index. In addition, Volume III contains an index to names of preparations and an index to authors cited in the series.

Reviewed by Robert K. Chalmers
School of Pharmacy and Pharmaceutical Sciences
Purdue University
Lafayette, IN 47907 ■

Permeability and Function of Biological Membranes. Edited by L. BOLIS, A. KATCHALSKY, R. D. KEYNES, W. R. LOEWENSTEIN, and B. A. PETHICA, North-Holland/American Elsevier, New York, NY 10017, 1970. vii + 364 pp. 15.5 × 22.5 cm. Price \$16.25.

The papers included in this book are based on material reported at the 1969 International Conference on Biological Membranes.

While the title of the book might suggest it would have broad appeal to pharmaceutical scientists, this is not entirely accurate. The individual papers are restricted to very specific fields; the reader would have to have in-depth knowledge of many fields to benefit greatly from this book as a whole.

However, for the scientist working specifically in this area, the book does cover much of the recent work in this field and might be a useful reference source.

Staff Review ■

Advances in Drug Research, Vol. 5. Edited by N. J. HARPER and A. B. SIMMONDS, Academic Press, London, England, 1970. vii + 278 pp. 15.5 × 23.5 cm. Price \$13.00.

This volume contains six comprehensive articles that summarize the progress made in certain areas of drug research.

Topics included in this volume are: Biologically Active Benzo[b]-thiophene Derivatives; Spectroscopic Techniques for the Study of Drug Interactions with Biological Systems; Endogenous Broncho-Active Substances and their Antagonism; The Role of Slow Reacting Substance in Asthma; Disodium Cromoglycate (Intal); and Recent β -Adrenoreceptor Stimulants.

Staff Review ■

Alkaloid-Bearing Plants and Their Contained Alkaloids, 1957-1968, Supplement of Lloydia—The Journal of Natural Products. By J. J. WILLAMAN and H. LI, The Lloyd Library and Museum and The American Society of Pharmacognosy, Storrs, Conn., 1970. vii + 286 pp. 17 × 25 cm. Price \$6.00. (Available from The Lloyd Library and Museum, P. O. Box 484, Cincinnati, OH 45201)

This supplement to *Lloydia* contains one article that is a continuation of the compilation "Alkaloid-bearing Plants and Their Contained Alkaloids," by J. J. Willaman and Bernice G. Shubert, pub-

lished in 1961 by Agricultural Research Services, Technical Bulletin No. 1234, U. S. Department of Agriculture.

The purpose of this supplement and the original compilation was to assemble in one place all the scattered information of the occurrence of alkaloids in the plant world.

The supplement is organized into two cross-referenced tables, one entered by the plant name and the second entered by using the specific alkaloid name.

Staff Review ■

Late Effects of Radiation. Edited by R. J. M. FRY, D. GRAHN, M. L. GRIEM, and J. H. RUST, Van Nostrand Reinhold, 450 West 33rd St., New York, NY 10001. 1970. ix + 298 pp. 18 × 26 cm. Price \$10.95.

This book contains the proceedings of a colloquium held at the University of Chicago in May 1969. This colloquium represents the climax of a ten-year effort to study the impact of the peaceful uses of atomic energy on public health.

The concluding chapter in the book, "The degradation of our environment," was written by Lord Ritchie-Calder.

Staff Review ■

NOTICES

Teeanalyse. By L. HORHAMMER, Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany, 1970. 74 pp. 21 × 29.5 cm. Price \$13.00. (German)

Hexoprenalin: Pharmakologie und Therapeutische Anwendung Beim Asthmatischen Formendreis. Edited by E. DEUTSCH, K. IRSIGLER, and O. KRAUPP, Springer-Verlag, New York, NY 10010, 1970. viii + 127 pp. 15 × 22.5 cm. Price \$5.20. (German)

British Veterinary Codex, Second Edition (Supplement). Prepared by The Department of Pharmaceutical Sciences of the Pharmaceutical Society of Great Britain, The Pharmaceutical Press, 17 Bloomsbury Square, W. C. 1, London, England, 1970. xxiii + 317 pp. 14.5 × 22 cm. Price 3 Pounds, 10 Shillings.

Medicaments Organiques De Synthèse III. By G. VALETTE, Masson Et C^{ie}, 120 Boulevard Saint-Germain, Paris VI, France, 1970. 341 pp. 15.5 × 22 cm. Price 120 f. (French)

Drug Abuse and What We Can Do About It. Edited by J. C. BENNETT and G. D. DEMOS, Charles C Thomas, Springfield, IL 62703, viii + 138 pp. 15.5 × 24 cm. Price \$8.50.

Lehbuch der Pharmazeutischen Chemie. By H. AUTERHOFF, Wissenschaftliche Verlagsgesellschaft MBH, Stuttgart, Germany, 1970. xii + 536 pp. 17 × 25 cm. Price DM 54. (German)

Encyclopedia of Industrial Chemical Analysis. Edited by F. D. SNELL and L. S. ETTRE, Wiley, 605 Third Ave., New York, NY 10016, 1970. xiv + 680 pp. 18.5 × 26 cm. Price \$35.00 for subscription; \$45.00 for single copy.

NEW JOURNAL

Pharmacology and Therapeutics in Dentistry. Edited by A. H. KUTSCHER, Association of Pharmacology and Therapeutics Teachers in Dentistry, 630 West 168th St., New York, NY 10032, 1970.