

Parker indicates that inclusion of such an index would entail too great an expenditure of time, money, and administrative effort and points out that the detailed table of contents might suffice in this regard. The book retains an extensive author index, and each chapter has comprehensive references to literature citations. These references are provided in close proximity to their citation in the text.

Overall, this publication is very readable and should prove to be valuable to scientists having research and/or academic interest in alicyclic chemistry. This volume should be purchased by institutional libraries. The relatively high cost of the book will prevent all but the specialist from investing in its purchase. The editors are aware of the cost factor and indicate that they are examining methods for producing a less expensive publication.

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**USAN and the USP Dictionary of Drug Names.** Edited by MARY C. GRIFFITHS, MARIE J. DICKERMAN, and LLOYD C. MILLER. U. S. Pharmacopeial Convention, 12601 Twinbrook Parkway, Rockville, MD 20852. 1977. 382 pp. 21 × 28 cm. Price \$18.50.

The 1977 edition of this now standard reference source lists more than 11,000 entries, including 1616 USAN (all U.S. Adopted Names selected and released from June 1961 through June 1977), 2239 investigational drug code designations, USP and NF official names, FDA established names, brand names, abbreviations, and trivial names. Each entry includes a pronunciation guide, the pharmacological category, and reference to sources of additional information.

The book contains a cross-index of names by pharmacologic-therapeutic categories and three appendixes: Guiding Principles for Coining U.S. Adopted Names, Molecular Formulas and Corresponding USAN, and Names and Addresses of Domestic Firms.

Staff Review

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## NOTICES

**NMR: An Introduction to Proton Nuclear Magnetic Resonance Spectroscopy.** By ADDISON AULT and GERALD O. DUDEK. Holden-Day, 500 Sansome St., San Francisco, CA 94111, 1976. 142 pp. 15 × 21 cm. Price \$4.95.

Intended as a comprehensive nontheoretical introduction to NMR spectroscopy, the text covers both the interpretation of NMR spectra and the practical, experimental aspects of preparing the sample and obtaining the spectrum. Particular attention is given to the central concepts of magnetic equivalence and the requirements for observing a first-order spectrum. A large number of illustrative proton NMR spectra of high quality are presented and interpreted. The book is suitable as a supplementary text in organic chemistry courses. Understanding of the text requires no mathematics or advanced chemistry.

**Infrared Absorption Spectroscopy, Second Ed.** By KOJI NAKANISHI and PHILIPPA H. SOLOMON. Holden-Day, 500 Sansome St., San Francisco, CA 94111, 1977. 287 pp. 17 × 25 cm. Price \$10.95.

This book is intended to be an introduction to IR spectroscopy for students and a reference source for practicing researchers. It includes a general discussion of the IR spectrum, tables of characteristic frequencies for different classes of organic compounds, a discussion of band position and intensity, and an introduction to Raman spectroscopy.

Many problems and their solutions are given, enhancing the self-teaching utility of the book.

**Modern Practice of Gas Chromatography.** Edited by ROBERT L. GROB. Wiley, 605 Third Ave., New York, NY 10016, 1977. 654 pp. 16 × 24 cm. Price \$22.50.

This book is organized into three parts. Part 1 is for readers interested in the theory and basics of GC, Part 2 is for those desiring information about the techniques and instrumentation, and Part 3 is for readers who are already knowledgeable about GC and want to familiarize themselves with applications.

**Atlas of Cell Biology.** By JEAN-CLAUDE ROLAND, ANNETTE SZÖLLÖSI, and DANIEL SZÖLLÖSI. Little, Brown, Boston, MA 02106, 1977. 117 pp. 20 × 25 cm.

Directed at students of introductory cell biology, this book contains nearly 250 illustrations that simplify and enhance the fundamental aspects of this discipline. By grouping photomicrographs with simple functional diagrams, it shows the structure of various kinds of cells and illustrates exactly how cells work. An appendix explains when to use the various methods of cell examination, how to prepare a sample, and how the laboratory instruments work.

**The Essential Guide to Prescription Drugs: What You Need to Know for Safe Drug Use.** By JAMES W. LONG. Harper & Row, 10 East 53rd St., New York, NY 10022, 1977. 752 pp. 16 × 23.5 cm. Price \$8.95.

**Advances in Chromatography, Vol. 14.** Edited by J. CALVIN GIDDINGS, ELI GRUSHKA, JACK CAZES, and PHYLLIS R. BROWN. Dekker, 270 Madison Ave., New York, NY 10016, 1976. 459 pp. 15.5 × 23.5 cm. Price \$34.50.

**British Pharmacopoeia 1973 Addendum 1977.** Her Majesty's Stationery Office (PMIC), Atlantic House, Holborn Viaduct, London, EC1P 1BN, England, 1977. 51 pp. 21 × 30 cm.

**Actinomycetes: The Boundary Microorganisms.** Edited by TADASHI ARAI. University Park Press, Chamber of Commerce Bldg., Baltimore, MD 21202, 1976. 651 pp. 17 × 26 cm. Price \$98.60.

**Clinical Toxicology, Vol. XVIII.** Edited by W. A. M. DUNCAN and B. J. LEONARD. Excerpta Medica, 305 Keizersgracht, P.O. Box 1126, Amsterdam, The Netherlands, 1977. 348 pp. 16 × 24 cm. Price \$35.75. Available from Elsevier North-Holland, 52 Vanderbilt Ave., New York, NY 10017.

**The Molecular Biology of Animal Viruses, Vol. 1.** Edited by DEBI PROSAD NAYAK. Dekker, 270 Madison Ave., New York, NY 10016, 1977. 542 pp. 18 × 24 cm. Price \$49.75.

**Proceedings Of The First Cleveland Symposium On Macromolecules.** Edited by A. G. WALTON. Elsevier North-Holland, 52 Vanderbilt Ave., New York, NY 10017, 1977. 309 pp. 18 × 24 cm. Price \$97.50.

**Antibiotics In Clinical Practice, Third Ed.** by HILLAS SMITH. University Park Press, Chamber of Commerce Bldg., Baltimore, MD 21202, 1977. 413 pp. 14 × 22 cm. Price \$19.50.

**Prolactin and Human Reproduction.** Edited by P. G. CROSIGNANI and C. ROBYN. Academic (London), 24-28 Oval Road, London, NW1 7DX, England, 1977. 305 pp. 15 × 23 cm. Price \$20.50.

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## NEW JOURNALS

**Drug and Chemical Toxicology: An International Journal for Rapid Communication.** Edited by JOHN G. KELLER. Dekker, 270 Madison Ave., New York, NY 10016. Price for Vol. 1 (1977-1978) \$40.00 (four issues).

**Leukemia Research.** Edited by SVEN-AAGE KILLMANN, C. N. MULLER-BERAT, JEAN BERNARD, and EUGENE P. CRONKITE. Pergamon, Maxwell House, Fairview Park, Elmsford, NY 10523. Price \$50.00 (four issues).