

Additions and Corrections

Chain Reversals in Model Peptides: Studies of Cystine-Containing Cyclic Peptides. 1. Conformational Free Energies of Cyclization of Hexapeptides of Sequence Ac-Cys-X-Pro-Gly-Y-Cys-NHMe [*J. Am. Chem. Soc.* **1987**, *109*, 4486–4496]. P. J. MILBURN, Y. KONISHI, Y. C. MEINWALD, and H. A. SCHERAGA*

Page 4492, Table V: The value of $(\sum F/(M - N))^{1/2}$ for CGPGGC, should be 0.07 instead of 0.70.

Distinguishing between Polar and Electron-Transfer Mechanisms for Reactions of Anions with Alkyl Halides [*J. Am. Chem. Soc.* **1987**, *109*, 5470–5474]. F. G. BORDWELL* and C. A. WILSON

Page 5472, line 3 from the bottom: Change 58 to 25.

Table IV: in column 4, item 5 should be 1.5 not 0.06; and in column 5, item 5 should be 12 not 0.46.

Book Reviews*

Compendium of Chemical Terminology: IUPAC Recommendations. Compiled by V. Gold, K. L. Loening, A. D. McNaught, and P. Sehmi. Blackwell Scientific Publications: Palo Alto, California. 1987. viii + 456 pp. \$69.60 (cloth); \$48.45 (paper). ISBN 0-632-01765-1 (cloth); 0-632-01767-8 (paper).

This book is the culmination of a project initiated by the late Victor Gold, who carried it to a substantial degree of completion before death ended his work in 1985. The co-compilers finished the work, which involved searching out IUPAC documents containing suitable definitions, arranging the terms alphabetically, and then editing the material into a self-consistent form. When one considers the variety of terms and documents, and their varying age and provenance, one can appreciate the demanding nature of the task.

This glossary is more than a simple dictionary, for its definitions have the imprimature of authority, and each is supported by a reference (most

to IUPAC publications). Scientific dictionaries, in contrast, generally reflect the ability of the editor to obtain the collaboration of competent contributors, often with painfully limited success. Furthermore, conventional dictionaries are often directed toward the informed layman; this glossary is primarily for chemists. It is an essential work for any library collection serving chemists, and it can be considered not only as an indispensable reference but also as a means of education. Personal purchase is feasible and highly recommendable. There is no other single source for the information contained. However, one must bear in mind when using the glossary that it includes only those terms that have been defined in an IUPAC document.

The terms included in it encompass all branches of chemistry, and one finds such examples as Chemical Flux, Condensation Reaction, Contact Angle, Electrocapillarity, Lyonium Ion, Mattauch-Herzog Geometry, Nitrenium Ion, Peak Width, Pile-Up, Resolution vs. Resolving Power, Specific Catalysis, and Transmittance. The definitions have been thought out with great care, and cross-references abound.

*Unsigned book reviews are by the Book Review Editor.