

## Additions and Corrections

**Transition Structures for Hydrogen Atom Transfers to Oxygen. Comparisons of Intermolecular and Intramolecular Processes and Open- and Closed-Shell Systems** [*J. Am. Chem. Soc.* 1990, 112, 7508]. ANDREA E. DORIGO, MARGARET A. MCCARRICK, RICHARD J. LONCHARICH, and K. N. HOUK\*

Structure 3 in Figure 1 and all of Figure 2 included in this paper were incorrect. The correct versions are shown here. The following should be added to the figure captions: Figure 1, UMP2/6-31G\* geometry for 3 is given in brackets; Figure 2, UHF/6-31G\* geometry is given in brackets.

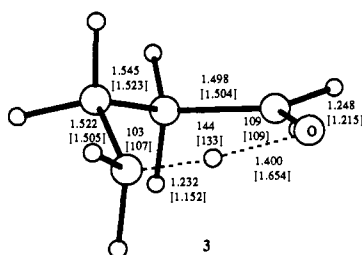


Figure 1.

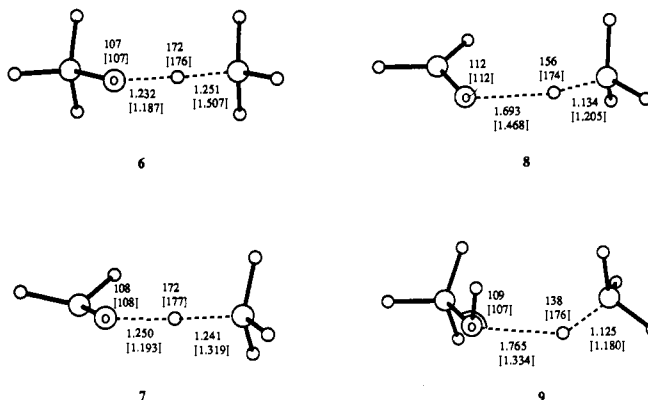


Figure 2.

## Book Reviews\*

**Organic Chemistry of Drug Synthesis. Volume 4.** By David Lednicer (National Cancer Institute), Lester A. Mitscher (University of Kansas), and Gunda J. George (University of Kansas). John Wiley & Sons: New York, 1990. xiii + 253 pp. \$44.95. ISBN 0-471-85548-0.

This work seems now to have settled down as a series, with a frequency of a volume every 5 years. The policy seems also to be settled: cover those compounds that have been granted a United States Adopted Name (to serve as the "generic" name) in the 5-year period. In this volume, about 60 compounds are included.

The content is divided into chapters according to structural type (steroids, five-membered-ring heterocycles, etc.). The last chapter bears the title Miscellaneous Heterocycles and includes some types, such as phenothiazines, which in earlier volumes had a chapter to themselves, but which are now receiving less attention.

The synthesis of each drug is presented in words and equations; the reagents are mentioned in the text, and the equations do not include

reagents or conditions. Preliminary steps are omitted, especially when they are straightforward. Each synthesis is preceded by a brief statement of the medicinal function of the drug. Referencing is thorough, and most of the citations, which include patents, are from the 1980's.

A cross-index leading from functional type to generic name and a cumulative index of compounds mentioned in Volumes 1-4 are included.

**Envisioning Information.** By Edward R. Tuft. Graphics Press: P.O. Box 430, Cheshire, CT 06410. 1990. 126 pp. \$48.00.

This is a beautiful book, both in its content and its production; it is a worthy successor to the author's *The Visual Display of Quantitative Information* (Graphics Press, 1983). The title of the first chapter, Escaping Flatland, sets the theme for the book: how to show the information in three dimensions. Examples are shown from astronomy, music, choreography, biology, geography, etc. Chemistry is represented only by versions of the periodic table and some graphs of resistivity, but although the problems of illustrating chemical structures are not explicitly treated, the principles that are discussed and illustrated by examples from other

\* Unsigned book reviews are by the Book Review Editor.