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Aromatic and Heteroaromatic Chemistry: Vol. I

Senior Reporters: Dr. C. W. BIRD and Dr. G. W. H. CHEESEMAN
Queen Elizabeth College, University of London

This is the first volume of a new annual series of reports on the subject and it reviews the literature abstracted between July 1971 and June 1972.

The work published on aromatic and heteroaromatic chemistry is so extensive, that it was impractical to attempt to review progress on an individual ring system basis. Instead the subject material has been divided in the following way: Chapter 1 deals with work directed towards extending present understanding of aromatic systems by the generation of compounds with novel structural features; Chapters 2-5 deal with ring synthesis under the

general headings of intramolecular and intermolecular condensations, cyclo-addition reactions and ring inter-conversions. Ring reactions are covered by Chapters 6-11 in which are reviewed electrophilic substitution on carbon; electrophilic substitution on heteroatoms; nucleophilic substitution; free radical substitution and carbene and nitrene reactions; addition reactions and fragmentation reactions. Chapter 12 is concerned with side-chain reactions and Chapters 13-15 with naturally occurring compounds such as porphyrins and oxygen-containing heterocyclics.

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Photochemistry: Vol. 4

Senior Reporter: Professor D. BRYCE-SMITH, *University of Reading*

Volume 4 covers literature published between July 1971 and June 1972 and follows a pattern very similar to that adopted for Volume 3 about which David S. Weiss in the *Journal of the American Chemical Society* said, "the aim of this series is to review the 'whole of non-biological photochemistry in a single volume.'"

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Section III but the other areas are by no means neglected. "There is much to recommend and little to criticize in Volume 3. Very few papers seem to have escaped the attention of the Reporters. The writing is uniformly good and the presentations clear and, although the coverage is not always detailed neither is it superficial, extensive use being made of diagrams and data tabulation, so that on balance the volume is well suited for both browsing and light study.

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