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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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Terpenoids and Steroids Vol. 3

Senior Reporter: Professor K. H. OVERTON, *Glasgow University*

Volume 3 reports and evaluates the progress made in literature published between September 1971 and August 1972. It is very similar in format to previous volumes about which *G. D. Meakins in Nature* said, "even the most active follower of the literature could not have hoped to have kept abreast of so many topics; organic chemists working on any aspect of terpenoids or steroids will find in this admirable volume a most wel-

come opportunity to see what advances have been made recently in all the related branches of research".

The chapter headings are as follows: Monoterpenoids; Sesquiterpenoids; Diterpenoids; Sesterterpenoids; Triterpenoids; Carotenoids and Polyterpenoids; Biosynthesis of Terpenoids and Steroids; Steroid Properties and Reactions; Steroid Synthesis.

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