Specialists Periodical Reports

The highly praised series of Chemical Society publications which provide systematic and comprehensive review coverage of the major areas of research in chemistry

Alicyclic Chemistry Vol. 2

Senior Reporter: Professor W. PARKER, University of Stirling

Coverage of the 1970 and 1971 literature on this subject appeared in the umbrella title Aliphatic, Alicyclic and Saturated Heterocyclic Chemistry Vol. 1. The favourable response accorded to that report has enabled each of these areas to be made the subject of an individual series.

1972 and the chapter-headings are as follows: Three- and Four-membered Rings; Five- and Six-membered Rings; Medium- and Large-ring Compounds; Bridged Systems.

The second volumes of *Aliphatic Chemistry* and *Saturated Heterocyclic Chemistry* are also now available.

This volume covers literature published during

Clothbound 479pp 82" × 55" ISBN 0 85186 522 4 Price £14.00 (Chemical Society Members £10.50)

NEW SERIES

Environmental Chemistry Vol. 1

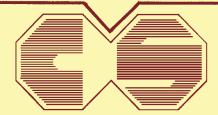
Senior Reporter: Professor G. EGLINTON, University of Bristol

This volume is the first in a new biennial series of Reports. Volume 1 concentrates upon the organic aspects of the subject in the 2-3 years up to mid-1973, and future volumes will include coverage of inorganic and other aspects of environmental chemistry.

Chapter 1, 'Stable Isotope Studies and Biological Element Cycling' is concerned with the distribution of stable isotopes of the light elements in environments. It surveys recent work on the biogeochemical cycling of these elements. Chapters 2, 3, and 4 are concerned with the chemistry of most of the major types of aquatic environments. Chemical classes are described in terms of their qualitative distribution patterns, their reaction pathways and, to some extent, the overall budgets. Chapters 5, 6, and 7 study hydrocarbons, DDT and PCB's, and 2,4-Dichlorophenoxyacetic Acid, in terms of their analysis and the determination of their distribution and fate in environments.

Clothbound 210pp 8 3 × 5 5 ISBN 0 85186 755 3 Price £7.00 (CS Members £5.25)

The Chemical Society



These publications may be obtained through your local bookseller or by sending the appropriate remittance direct to: The Publications Sales Officer, The Chemical Society, Blackhorse Road, Letchworth, Herts SG6 1HN, England. (CS Members must write direct to the above address stating that they are claiming the privilege price).

Specialists Periodical Reports

The highly praised series of Chemical Society publications which provide systematic and comprehensive review coverage of the major areas of research in chemistry

Terpenoids and Steroids Vol. 4

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

Volume 4 in this established series covers literature published between September 1972 and August 1973, following the same basic format as previous volumes, with the exception of two new chapters which cover *Microbiological Reactions with Steroids* and *Steroid Conformations from X-Ray Analysis Data* over a five-year period.

"Without question this is a sine qua non for all terpenoid and steroid specialists, but it is also a most valuable source of information for all organic chemists interested in structure determination, in methods of functional group manipulation and in general methods of organic sythesis."

— J. E. Saxton, Chemistry in Britain reviewing Vol. 2

The chapter headings are as follows:—
Monoterpenoids; Sesquiterpenoids; Diterpenoids;
Sesterterpenoids; Triterpenoids; Carotenoids and
Polyterpenoids; Biosynthesis of Terpenoids and
Steroids; Reviews on Terpenoid Chemistry; Steroid
Properties and Reactions; Microbiological Reactions
with Steroids; Steroid Conformations from X-Ray
Analysis Data.

Clothbound 618pp 83 X 55 ISBN 0 85186 286 1 Price £18.50 (Chemical Society Members £13.50)

Amino-acids, Peptides, and Proteins Vol. 6

Senior Reporter: Dr. R. C. SHEPPARD, Medical Research Council

The sixth volume in this now well-established series covers literature published during 1973. It follows a similar pattern to that adopted for previous volumes about which Graham C. Windridge in the *Journal of Medicinal Chemistry* said "the authors have succeeded admirably in the prodigious task of gleaning the most important information from more than 3000 papers. Definitely recommended for anyone working in these areas of chemistry."

The chapter headings are as follows:—
Amino-acids; Structural Investigations of Peptides and Proteins (Primary Structure and Chemical Modification, X-Ray Studies, Conformation of Peptides and Proteins); Peptide Synthesis (Methods, Syntheses Achieved); Peptides with Structural Features not Typical of Proteins; Chemical Structure and Biological Activity.

Clothbound 525pp 8 3 X 5 8 ISBN 0 85186 054 0 Price £16.50 (Chemical Society Members £12.50)

The Chemical Society



These publications may be obtained through your local bookseller or by sending the appropriate remittance direct to: The Publications Sales Officer, The Chemical Society, Blackhorse Road, Letchworth, Herts SG6 1HN, England. (CS Members must write direct to the above address stating that they are claiming the privilege price).