

CS Publications News

Specialist Periodical Reports

Organic Compounds of Sulphur, Selenium, and Tellurium Vol. 5

Senior Reporter Dr D. R. Hogg
University of Aberdeen

The general format and coverage of this fifth volume in the series follows that used in previous volumes and reviews the literature published between April 1976 and March 1978. "The high standards in this series established by the former Senior Reporter have been maintained by his successor. The individual chapters are comprehensive and most of the Reporters succeed in the difficult task of both cataloguing new chemistry and emphasising the major developments. In summary, this comprehensive series is an indispensable part of any organic library, both for the researcher who wants rapidly to find recent references to new reagents, functional group transformations and general synthetic methods, and also for the occasional browser."

—*Chemistry in Britain* reviewing Vol. 4

Brief Contents:

Aliphatic Organosulphur Compounds, Compounds with Exocyclic Sulphur Functional Groups, and their Selenium and Tellurium Analogues; Ylides of Sulphur, Selenium, and Tellurium, and Related Structures; Thiocarbonyl and Selenocarbonyl Compounds; Small Ring Compounds of Sulphur and Selenium; Saturated Cyclic Compounds of Sulphur and Selenium; Thiphens and their Selenium and Tellurium Analogues; Dithioles and Related Compounds; Thiopyrans and Related Compounds; Thiopins and Dithiins; Isothiazoles and Related Compounds; Thiazoles and Related Compounds; Condensed Ring Systems Incorporating Thiazole; Thiadiazoles and Selenadiazoles; β -Lactam Antibiotics, other Sulphur-containing Natural Products, and Related Compounds.

Hardcover 520pp 8 $\frac{3}{4}$ " \times 5 $\frac{5}{8}$ " 0 85186 620 4 £39.00
(CS Members softcover edition £15.50)
November 1979

Annual Reports

Annual Reports on the Progress of Chemistry Vol. 75 Section B

Senior Reporters: Dr G. P. Moss and
Dr J. H. P. Utley, *Queen Mary College, London*

Annual Reports provides for the general reader critical coverage of the significant advances in the major areas of chemistry on an annual basis.

Part B covers organic chemistry

"The pattern is similar to that found in each of the seventy preceding volumes: a group of well-known organic chemists have compiled a compendium of key references relating to their own area. Those parts of the volume which cover newer techniques such as high-pressure liquid chromatography and affinity chromatography are of particular value. This is a useful volume for any organic chemist who requires a broad survey of what is happening in his field. All the articles are by chemists who are experts in the fields that they review, and the high standard that is to be expected of this series is maintained."

—*British Book News* reviewing Vol. 71

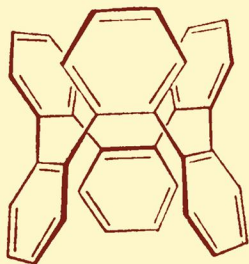
Brief contents:

Physical Methods and Techniques; Theoretical Chemistry; Reaction Mechanisms; Arynes Carbenes; Nitrenes and Related Species; Organometallic Chemistry; Electro-organic Chemistry; Aliphatic Compounds; Heterocyclic Chemistry; Alicyclic Chemistry; Synthetic Methods; Biological Chemistry.

Hardcover approx 435pp 8 $\frac{3}{4}$ " \times 5 $\frac{5}{8}$ " 0 85186 790 1
£21.00 (CS Members £7.00) November 1979

CS Publications News

SPECIALIST PERIODICAL REPORTS



Aromatic and Heteroaromatic Chemistry Vol. 7

Senior Reporters: Professor H. Suschitzky and Dr O. Meth-Cohn, *University of Salford*

This seventh volume in the series reviews the literature abstracted on the subject between July 1977 and June 1978. "The new Senior Reporters have recast the format so that it parallels that of the 'Saturated Heterocyclic Chemistry' series. Almost everyone will also find a topic of interest elsewhere in this report, and the new format makes it easier to locate that topic via the table of contents." – *Journal of Medical Chemistry reviewing Vol. 6*

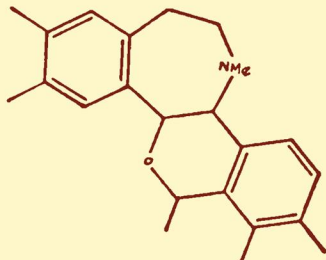
Brief Contents

Three- and Four-membered Ring Systems; Five-membered Ring Systems; Six-membered Homocyclic Compounds; Six-membered Heterocyclic Systems; Seven-membered Ring Systems; Medium-sized Rings and Macrocycles; Electrophilic Substitution; Nucleophilic Substitution Reactions; Aromatic Substitution by Free Radicals, Carbenes and Nitrenes; Porphyrins and Related Compounds.

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September 1979

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The Alkaloids Vol. 9

Senior Reporter: Professor M. F. Grundon, *New University of Ulster Northern Ireland*

This new volume continues as previous volumes and reviews the literature published between July 1977 and June 1978. "The comprehensive coverage of the alkaloid chemistry in this single volume continues to make such 'Periodical Reports' an indispensable source of knowledge to all chemists working in any area of alkaloid chemistry. The contributors and the editor are to be congratulated for bringing this volume to fruition in a little over a year after the period of literature coverage." – *Journal of Medicinal Chemistry, reviewing Vol. 8*

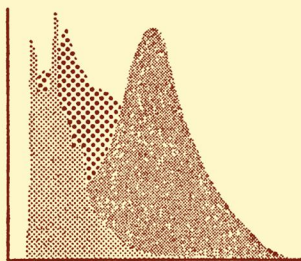
Brief Contents

Biosynthesis; Pyrrolidine, Piperidine, and Pyridine Alkaloids; Tropane Alkaloids; Pyrrolizidine Alkaloids; Indolizidine Alkaloids; Quinolizidine Alkaloids; Quinoline, Quinazoline, and Acridone Alkaloids; β -Phenethylamines and Isoquinoline Alkaloids; Aporphinoid Alkaloids; Amaryllidaceae Alkaloids; Erythrina and Related Alkaloids; Indole Alkaloids; Diterpenoid Alkaloids; Steroidal Alkaloids; Miscellaneous Alkaloids;

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October 1979

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Photochemistry Vol. 10

Senior Reporter: Professor D. Bryce-Smith, *University of Reading*

This volume is the tenth in the series of reviews in the field of photochemistry and covers the literature published between July 1977 and June 1978.

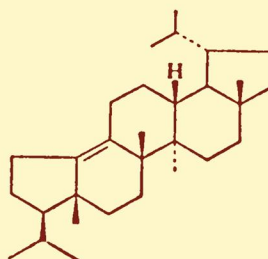
"All chemistry libraries which have at least a pretence of completeness should have a copy of this volume and a standing order for future volumes in the series. The quality of the printing, reproduction of figures, and the paper itself is excellent, which is refreshing in these days of shortcuts and photoreplication. The senior reporter and his colleagues are to be congratulated on a demanding assignment in which a very high standard of performance has been set and consistently achieved." – *Journal of Medicinal Chemistry reviewing Vol. 8*

Brief Contents:

Part I: Physical Aspects of Photochemistry; *Part II:* Photochemistry of Inorganic and Organometallic Compounds; *Part III:* Organic Aspects of Photochemistry; *Part IV:* Polymer Photochemistry; *Part V:* Photochemical Aspects of Solar Energy Conversion; *Part VI:* Chemical Aspects of Photobiology. Hardcover 680pp 8½" × 5½" 0 85186 590 9 £40.00

November 1979

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Terpenoids and Steroids Vol. 9

Senior Reporter: Dr J. R. Hanson, *University of Sussex*

The ninth volume in this highly successful series covers the literature published between September 1977 and August 1978. "This volume was prepared by nine reporters in addition to the editor. Chemists interested in terpenoids or steroids should have access to this volume and others in the series. They are valuable in reviewing any topic in these subject areas, in developing new ideas and in identifying references for consultation." – *Journal of Pharmaceutical Sciences reviewing Vol. 7*

Brief Contents:

Part I: Terpenoids; Monoterpenoids; Sesquiterpenoids; Diterpenoids; Triterpenoids; Carotenoids and Polyterpenoids; *Part II:* Steroids; Steroid Reactions and Partial Syntheses; Hardcover 350pp 8½" × 5½" 0 85186 650 6 £28.00

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