

# NEW Publications

from The Royal Society of Chemistry

Specialist Periodical Reports

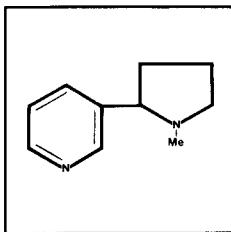
## The Alkaloids Vol. 13

Senior Reporter: M. F. Grunton

A review of the literature published during the period July 1981 and June 1982.

### Brief Contents:

Biosynthesis; Pyrrolidine, Piperidine, and Pyridine Alkaloids; Tropane Alkaloids; Pyrrolizidine Alkaloids; Indolizidine Alkaloids; Quinolizidine Alkaloids; Quinoline and Acridone Alkaloids;  $\beta$ -Phenylethylamines and the Isoquinoline Alkaloids; Aporphinoid Alkaloids; Amaryllidaceae Alkaloids; *Erythrina* and Related Alkaloids; Indole Alkaloids; *Lycopodium* Alkaloids; Diterpenoid Alkaloids; Steroidal Alkaloids; Miscellaneous Alkaloids.



"The Royal Society of Chemistry publication on *The Alkaloids* is the central point of the alkaloid year."—*J. David Phillipson, University of London, reviewing Vol. 10.*

Hardcover 343pp 0 85186 367 1

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RSC Members £19.00

## Organometallic Chemistry Vol. 11

Senior Reporters: E. W. Abel and F. G. A. Stone

A review of the literature published during 1981.

### Brief Contents:

Group I: The Alkali and Coinage Metals, Group II: The Alkaline Earths and Zinc and its Congeners; Group III: Boron; The Carboranes, including their Metal Complexes; Group III: Aluminium, Gallium, Indium, and Thallium; Group IV: The Silicon Group; Arsenic, Antimony, and Bismuth; Metal Carbonyls; Organometallic Compounds containing Metal—Metal Bonds; Substitution Reactions of Metal and Organometal Carbonyls with Group V and VI Ligands; Sigma-Bonded Organometallic Compounds of Transition Elements of Groups IIIA to VIIA; Complexes containing Metal-Carbon  $\sigma$ -Bonds of the Groups Iron;

Cobalt, and Nickel; Metal—Hydrocarbon  $\pi$ -Complexes,  $\pi$ -Cyclopentadienyl,  $\pi$ -Arene, and Related Complexes; Homogeneous Catalysis by Transition-metal Complexes; Organometallic Compounds in Biological Chemistry; Diffraction Studies of Organometallic Compounds.

"All organometallic chemists will want to read all or parts of this book."—*D. A. Sweigart, J. Am. Chem. Soc., reviewing Vol. 9.*

Hardcover 567pp 0 85186 591 7

Price £77.00 (\$138.00) RSC Members £38.00

## Organophosphorus Chemistry Vol. 14

Senior Reporters: D. W. Hutchinson and J. A. Miller

A review of the literature published between July 1981 and June 1982.

### Brief Contents:

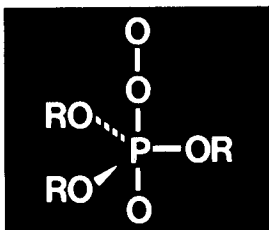
Phosphines and Phosphonium Salts; Quinquevalent Phosphorus Compounds; Halogenophosphines and Related Compounds; Phosphine Oxides and Related Compounds; Tervalent Phosphorus Acids; Quinquevalent Phosphorus Acids; Phosphates and Phosphonates of Biochemical Interest; Nucleotides and Nucleic Acids; Ylides and Related Com-

pounds; Mass Spectrometry of Organophosphorus Compounds; Physical Methods.

"The whole series of volumes represents an extremely useful reference work on progress in this area of chemistry over the past 10 years and, ideally, every chemist active in the field should keep a set of these volumes on his bookshelf."—*Kurt Moederitzer, Monsanto Company, reviewing Vol. 10.*

Hardcover 360pp 0 85186 126 1

Price £56.00 (\$100.00) RSC Members £34.00



## Photochemistry Vol. 14

Senior Reporter: D. Bryce-Smith

A review of the literature published between July 1981 and June 1982.

### 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.

"The latest in this series of reviews of literature continues to be indispensable to physical and organic photochemists and makes interesting reading for those active on the periphery of this subject."—*David I. Schuster, Jnl. of Medicinal Chemistry, reviewing Vol. 10.*

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## Terpenoids and Steroids Vol. 12

Senior Reporter: J. R. Hanson

A review of the literature published between September 1980 and August 1981.

### Brief Contents:

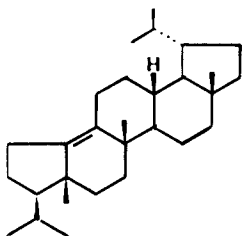
Part I: Terpenoids: Monoterpenoids; Sesquiterpenoids; Diterpenoids; Triterpenoids; Carotenoids and Polyterpenoids; Part II: Steroids: Physical Methods; Steroid Reactions and Partial Syntheses.

"Everyone interested in the chemistry of terpenoids and/or steroids should have access to this volume and the others in the series."—*Norman J. Doorenbos, Jnl. of Pharmaceutical Sciences, reviewing Vol. 10.*

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# NATURAL PRODUCT REPORTS

Natural Product Reports is a new bimonthly review journal which will commence publication in February 1984. It will review recent developments in areas of natural product chemistry previously covered by the Specialist Periodical Reports (annual or biennial reviews) entitled "The Alkaloids", "Biosynthesis", "Terpenoids and Steroids" and "Aliphatic and Related Natural Product Chemistry". Publication in journal form will help to overcome the problem of overlap and enable reports to be published much faster than is possible in an annual volume. Furthermore, an annual subscription to Natural Product Reports will cost substantially less than a subscription to Specialist Periodical Reports.

Natural Product Reports, however, is more than just a continuation of subjects covered by a number of SPR titles—it is planned that coverage should be expanded to include such areas as chemotaxonomy, enzymology and biosynthetic aspects of biotechnology, and also advances in physical techniques used for structure determination e.g. n.m.r., h.p.l.c., mass spectrometry, and chiroptical data.

Natural Product Reports will consist of critical reviews written by groups of leading authorities, many of whom have gained worldwide recognition for their contributions to the subject area. Each issue will contain approximately 120 pages covering six or seven articles; there will be an author index and a subject index (cumulated annually) to facilitate location of articles dealing with specific areas.

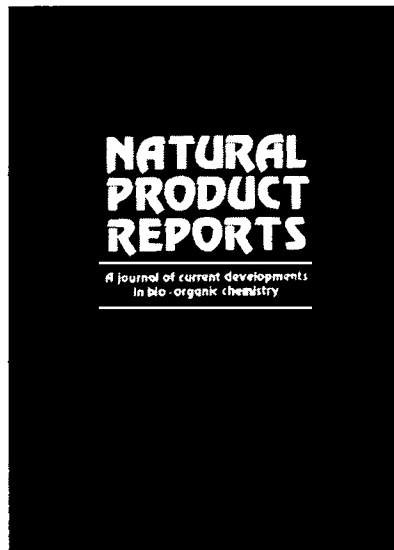
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It is expected that the first three issues will include the following reviews:

Issue 1 (February)	Rotenoids; Indole Alkaloids; Triterpenoids; Carotenoids and Polyterpenoids; Microbial Metabolites;
Issue 2 (April)	Alkaloid Biosynthesis; Aporphinoid Alkaloids; Quinoline, Quinazoline; and Acridone Alkaloids; Sesquiterpenoids; Diterpenoids;
Issue 3 (June)	Steroids; Insect Pheromones; Polyketides; plus several articles on alkaloids (details not yet available)



Approximately 120 pages per issue  
ISSN: 0265 0568

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