

Is the 'crunch' really coming... Chemistry and the needs of society

This timely volume brings together a wealth of hard fact and informed opinion on the state of many of the pressing problems facing society today – and tomorrow. The energy crisis; the threatened water shortage; the problems of feeding the growing numbers of our species; environmental pollution; "the quality of life" in several of its aspects; future economics of industrial innovation and new materials in place of old; education, training, and research in the Universities; all these topics are discussed by authorities in the respective fields. The underlying theme is the role of the chemist in creating, maintaining, and improving the conditions responsible for the high standard of living which we in the Western World take for granted.



Paperbound 262pp 8¼" X 6" 43 illustrations (5 in colour) £3.00 (CS Members £2.25)

Order from your local bookseller or direct from The Chemical Society, Blackhorse Road, Letchworth, Herts SG6 1HN enclosing the appropriate remittance.

(To obtain the privilege price CS members must order through the Letchworth address above).

The Chemical Society

Specialist 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.

This volume covers literature published during

Clothbound 479pp 8 $\frac{1}{2}$ " × 5 $\frac{3}{8}$ " ISBN 0 85186 522 4 Price £14.00 (Chemical Society Members £10.50)

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.

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 $\frac{1}{2}$ " × 5 $\frac{3}{8}$ " 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).