
Chemical Society Reviews

Vol 11 No 1 1982

	Page
TILDEN LECTURE	
Molecular Beam Reactive Scattering	
By R. Grice	1
The Photophysical and Photochemical Properties of Flavins (Isoalloxazines)	
By P. F. Heelis	15
Preparation and Properties of Isocyanic Acid	
By D. J. Belson and A. N. Strachan	41
CENTENARY LECTURE	
Reactivities of Carbon Disulphide, Carbon Dioxide, and Carbonyl Sulphide Towards Some Transition-metal Systems	
By James A. Ibers	57

**The Royal Society of Chemistry
London**

Chemical Society Reviews

EDITORIAL BOARD

Professor K. W. Bagnall, B.Sc., Ph.D., D.Sc., C.Chem., F.R.S.C. (*Chairman*)

Professor K. R. Jennings, M.A., D.Phil., C.Chem., F.R.S.C.

Professor G. W. Kirby, M.A., Ph.D., Sc.D., F.R.S.E., C.Chem., F.R.S.C.

Professor B. L. Shaw, B.Sc., Ph.D., F.R.S.

Chemical Society Reviews appears quarterly and comprises approximately 20 articles (*ca.* 500 pp) per annum. It is intended that each review article shall be of interest to chemists in general, and not merely to those with a specialist interest in the subject under review. The articles range over the whole of chemistry and its interfaces with other disciplines.

Although the majority of articles are intended to be specially commissioned, the Society is always prepared to consider offers of articles for publication. In such cases a short synopsis, rather than the completed article, should be submitted to The Managing Editor, Books and Reviews Section, The Royal Society of Chemistry, Burlington House, Piccadilly, London, W1V 0BN.

Members of the Royal Society of Chemistry may subscribe to *Chemical Society Reviews* at £12.50 per annum; they should place their orders on their Annual Subscription renewal forms in the usual way.

All other orders accompanied with payment should be sent directly to The Royal Society of Chemistry, The Distribution Centre, Blackhorse Road, Letchworth, Herts. SG6 1HN England. 1982 annual subscription rate U.K. £36.00, Rest of World £38.00, U.S.A. \$85.00. Air freight and mailing in the U.S.A. by Publications Expediting Inc., 200 Meacham Avenue, Elmont, New York 11003. U.S.A. Postmaster: Send address changes to Chemical Society Reviews, Publications Expediting Inc., 200 Meacham Avenue, Elmont, New York 11003. Application to mail at second class postage is pending at Jamaica, New York 11431. All other despatches outside the U.K. by Bulk Airmail within Europe, Accelerated Surface Post outside Europe.

Note to subscribers. *Regrettably publication of the four issues has still not reverted to the usual quarterly dates. The cause of this is a persisting shortage of articles (the production problems of recent years have been largely overcome) but the setting-up of an Editorial Board should result in an increase in the commissioning of reviews in 1982.*

© Copyright reserved by The Royal Society of Chemistry 1982

ISSN 0306—0012

Published by The Royal Society of Chemistry, Burlington House, London, W1V 0BN

Printed in England by Eyre & Spottiswoode Ltd, Thanet Press, Margate.