BIographiesHICAL MEMOIRS OF FELLOWS OF THE ROYAL SOCIETY

For some years now the Royal Society has arranged that after the death of a Fellow or Foreign Member a careful appreciation by a colleague be prepared so that an account of the deceased’s life and work is placed on permanent record. Every memoir in the annual volume of Biographical Memoirs contains a portrait, a bibliography of his writings, an account of the subject’s life and provides an assessment of his contributions to new knowledge.

These memoirs constitute an authoritative record of some of the most important developments in science and of the men responsible for them, and so form a valuable source of information in any library including scientific books in its collection.

Volume 19, 1973

CONTENTS

Norman Percy Allen
Frederick Charles Bawden
Samuel Francis Boys
Albert James Bradley
Francis William Rogers Brambell
Carl Hamilton Browning
Edward Wilfrid le Gros Clark
James Bertram Collip
Hayne Constant
James Norman Davidson
Gavin Rylands de Beer
Stanley Fabes Dorey
Paul Gordon Fildes
Harold Brewer Hartley

Cyril Norman Hinshelwood
Solomon Lefschetz
Mahalanobis Prasanta Chandra
Louis Joel Mordell
Lionel Sharples Penrose
Francis John Worsley Roughton
Bertrand Arthur William Russell,
Earl Russell
Robert Arthur James Gascoyne-Cecil,
5th Marquess of Salisbury
Basil Ferdinand Jamieson Schonland
William Robin Thompson
Stephen Prokofievitch Timoshenko

This volume, or a detailed leaflet describing it, may be obtained from:

Publications Sales Department
The Royal Society
6 Carlton House Terrace
London SW1Y 5AG
CONTENTS

A DISCUSSION ON THE ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF CHEMICAL SUBSTANCES
ORGANIZED BY SIR JAMES COOK, F.R.S. AND SIR FREDERICK WARNER

Cook, Sir James & Warner, Sir Frederick. Preface  pages 125–126

Goodman, G. T. How do chemical substances affect the environment?  127–148

Painter, H. A. Biodegradability  149–158

Rose, F. L. To what extent can molecular structure point to potential hazards?  159–164

Bergel, F. Carcinogenic hazards in natural and man-made environments  165–181

Challis, E. J. The approach of industry to the assessment of environmental hazards. [Plate 12]  183–197

Philip, J. Mcl. A multi-national company, the public and the environment  199–208

Peachey, J. E. Environmental information and data handling  209–219

Cook, Sir James & Warner, Sir Frederick. Comments and conclusions  221–224

Bülbirng, Edith & Szurszewski, J. H.  225–262

The stimulant action of noradrenaline (α-action) on guinea-pig myometrium compared with that of acetylcholine


Have the Bedouin a special ‘desert’ physiology?

Published by the Royal Society, 6 Carlton House Terrace, London SW1Y 5AG
Printed in Great Britain
for the Royal Society at the University Printing House, Cambridge