

# BRITISH ANTARCTIC SURVEY

## BULLETIN

*No. 1*  
*June 1963*



LONDON : PUBLISHED BY THE BRITISH ANTARCTIC SURVEY

PRICE 10s. 0d. NET

# BRITISH ANTARCTIC SURVEY

## *Director*

SIR VIVIAN FUCHS

## *Editors*

DR. R. J. ADIE

MISS E. TODD

- Geological Section:* DR. R. J. ADIE, British Antarctic Survey, Department of Geology,  
The University, Birmingham 15
- Geophysical Section:* MR. J. C. FARMAN, British Antarctic Survey, Department of  
Natural Philosophy, The University, Edinburgh 8
- Biological Section:* DR. M. W. HOLDGATE, British Antarctic Survey Biological Unit,  
Department of Zoology, Queen Mary College, Mile End Road,  
London, E.1

The authors of all signed papers are alone responsible for opinions expressed in them.  
Only papers concerned with the work of the Survey can be published in the *Bulletin*, but the  
Editors are prepared to consider publication of correspondence on papers appearing in the  
*Bulletin* or on related topics.

*Copyright © 1963*

*by*

*British Antarctic Survey*

*4 Millbank*

*LONDON, S.W.1*

PRINTED IN GREAT BRITAIN BY HEADLEY BROTHERS LTD  
109 KINGSWAY LONDON WC2 AND ASHFORD KENT

# BRITISH ANTARCTIC SURVEY

## BULLETIN

No. 1 June 1963

### CONTENTS

	PAGE
Foreword . . . . .	iii
The Human Element in Exploration. SIR VIVIAN FUCHS . . . . .	1
An Ice Caldera in North-east Graham Land. N. AITKENHEAD . . . . .	9
Meteorological Observations at Fossil Bluff, Alexander Island. C. J. PEARCE . . . . .	17
The Occurrence of the Beetle <i>Hydromedion sparsutum</i> (Müll.) in a Peat Profile from Jason Island, South Georgia. G. R. COOPE . . . . .	25
Geophysical Investigations in the Scotia Arc and Graham Land. D. H. GRIFFITHS . . . . .	27
Vector Mean Winds at the Argentine Islands, Graham Land, 1954-58. BRIAN D. GILES . . . . .	33
A Magnetic Survey of the Argentine Islands, Graham Land. H. E. AGGER, D. J. BLUNDELL and I. PREECE . . . . .	41
Block Terraces in the Neny Fjord Area, Marguerite Bay, Graham Land. A. K. HOSKINS . . . . .	45
British Antarctic Survey Scientific Reports . . . . .	51

LONDON: PUBLISHED BY THE BRITISH ANTARCTIC SURVEY

## FOREWORD

It has been found that the existing series of monographs entitled *British Antarctic Survey Scientific Reports* is not suitable for the publication of preliminary reports or short notes and papers. A vehicle is also required for reports which are not specifically scientific.

The *British Antarctic Survey Bulletin* has been devised for both these purposes. It is expected that the *Bulletin* will appear two or three times each year, but publication will not occur at regular intervals, the timing being controlled by the volume of material which is considered worthy of publication.

Although the *Bulletin* is only intended for the publication of the Survey's work, correspondence concerning papers appearing in it will be considered for inclusion.

V. E. FUCHS