

# BRITISH ANTARCTIC SURVEY

## BULLETIN

*No. 8*  
*May 1966*



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 © 1966*

*by*

*British Antarctic Survey*

*30 Gillingham Street*

*LONDON, S.W.1*

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

# BRITISH ANTARCTIC SURVEY

## BULLETIN

No. 8 May 1966

### CONTENTS

	PAGE
Taxonomy and Morphology of Echinodermata from the Aptian of Alexander Island. B. J. TAYLOR . . . . .	1
The Cape Pigeon, <i>Daption capensis</i> Linnaeus, at Signy Island, South Orkney Islands. R. PINDER . . . . .	19
Reconnaissance Gravity and Magnetic Surveys of Part of the Larsen Ice Shelf and Adjacent Mainland. P. KENNETT . . . . .	49
Adult Survival Estimates for Two Antarctic Petrels. R. HUDSON . . . . .	63
Foraminifera from the Upper Cretaceous of James Ross Island. W. A. MACFADYEN . . . . .	75
Occurrence of Fossiliferous Upper Cretaceous Sediments at Cape Marsh, Robertson Island. M. FLEET . . . . .	89
The Pelage of the Ross Seal. W. POLKEY and W. N. BONNER . . . . .	93
Magnetic Survey of the Neny Bay Area, Marguerite Bay. P. KENNETT . . . . .	97