

BRITISH ANTARCTIC SURVEY

BULLETIN

No. 14
December 1967



LONDON: PUBLISHED BY THE BRITISH ANTARCTIC SURVEY
NATURAL ENVIRONMENT RESEARCH COUNCIL

PRICE 15s. 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:* MR. E. A. SMITH, 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 © 1967

by

British Antarctic Survey
30 Gillingham Street
LONDON, S.W.1

BRITISH ANTARCTIC SURVEY

BULLETIN

No. 14 December 1967

CONTENTS

	PAGE
A probable Cretaceous invertebrate fauna from Crabeater Point, Bowman Coast, Graham Land. M. R. A. THOMSON	1
Post-Aptian camptonite dykes in south-east Alexander Island. R. R. HORNE and M. R. A. THOMSON	15
Ecology of the fresh-water lakes of Signy Island, South Orkney Islands: I. Catchment areas, drainage systems and lake morphology. R. B. HEYWOOD	25
A timed series of embryonic developmental stages of the Adélie penguin (<i>Pygoscelis adeliae</i>) from Signy Island, South Orkney Islands. C. HERBERT	45
Chromosome numbers of Falkland Islands angiosperms. D. M. MOORE	69
Some seasonal trends in nutrient content of the soils of Signy Island, South Orkney Islands. M. J. NORTHOVER and H. M. GRIMSHAW	83
Short notes: Earth temperatures at Bird Island, South Georgia. W. L. N. TICKELL and P. A. RICHARDS; South Georgia elephant seal found in South Africa. R. W. VAUGHAN	89

LONDON: PUBLISHED BY THE BRITISH ANTARCTIC SURVEY
NATURAL ENVIRONMENT RESEARCH COUNCIL