

POLAR RECORD

EDITOR: ALAN COOKE

EDITORIAL COMMITTEE: T. E. ARMSTRONG, C. A. HOLLAND, H. G. R. KING,
B. B. ROBERTS, G. DE Q. ROBIN, C. W. M. SWITHINBANK

Vol 17

MAY 1974

No 107

CONTENTS

FRONTISPIECE: Sir Ernest Henry Shackleton

ARTICLES:

- Auroral sound. By D. R. Bates, FRS 103
- Controversies over hydroelectric developments in sub-Arctic
Canada. By Don Gill and Alan D. Cooke 109
- The glacial history of the ice-free area, southern Victoria Land,
Antarctica. By Parker E. Calkin and Colin Bull 129
- The structure and function of the Greenland Health Services. By
Søren Andersen 139
- Dr W. H. B. Webster, 1793-1875: Antarctic scientist. By A. G. E.
Jones 143

FIELD WORK:

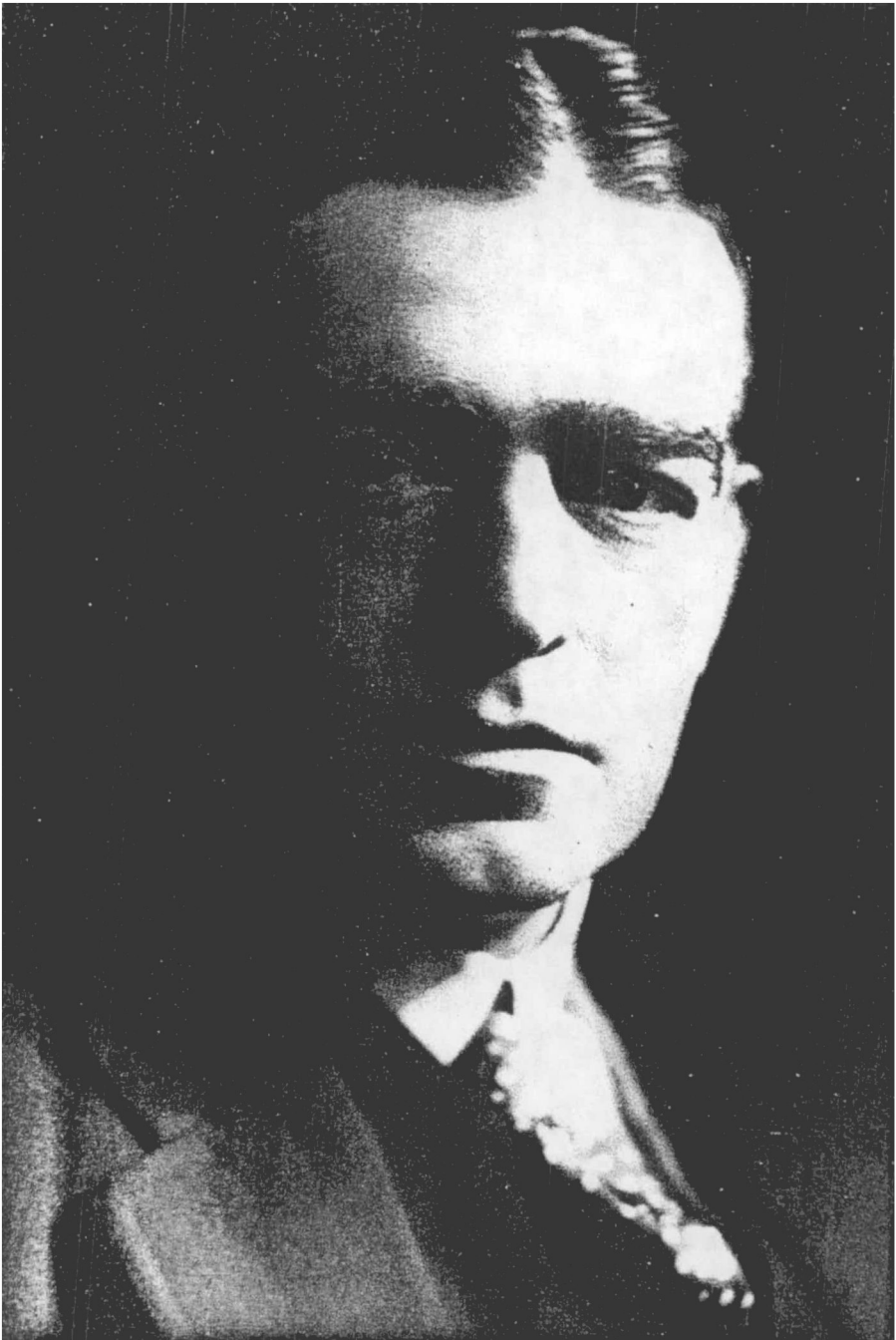
- Arctic Underwater Expeditions, 1970-73 147
- Polish Svalbard Expeditions, 1972 and 1973. By Stanisław
Baranowski 149
- Australian geological mapping in the Prince Charles Mountains,
1968-73. By R. J. Tingey 150
- Argentine trans-polar flight, 1973 154

NOTES:

- A new map of Alexander Island, Antarctica. By Charles
Swithinbank 155
- An Alaska pipeline: resolution of outstanding issues. II.
By A. G. Ronhovde 158
- Arctic Bulletin*: a new polar journal 165

E

New Japanese National Institute of Polar Research. By Kou Kusunoki	166
New national parks and nature reserves in Svalbard	167
The Hudson's Bay Company's archives move to Canada. By Alan Cooke	169
Memorial plaque to Frank Wild. By H. G. R. King	170
Nuclear power plant to be removed from Antarctica	170
Soviet equipment for processing krill. By Terence Armstrong	171
Soviet acoustic buoy for use in ice	171
Drilling for oil from artificial islands in Beaufort Sea	172
The pole of cold in the Northern Hemisphere	173
The Northern Sea Route, 1973. By Terence Armstrong	174
The Russian conquest of Siberia. Review by Terence Armstrong	175
Conservation and the Soviet north. Review by Terence Armstrong	176
But what is anthropology for? Review by Hugh Brody	177
George Peard's journal kept on HMS <i>Blossom</i> , 1825-28. Review by John Bockstoce	180
FORTY-SEVENTH ANNUAL REPORT ON THE WORK OF THE SCOTT POLAR RESEARCH INSTITUTE	183
OBITUARIES	195
<i>SCAR Bulletin</i> , No 47:	
Polar human biology. Review by Laurence Irving	199
SCAR Working Group on Meteorology	201
SCAR Group of Specialists on Late Cenozoic Studies. Summary report by Peter N. Webb	207
The ICPM meeting in Melbourne, January 1974. Report by M. J. Rubin	209
SCAR Symposia	209
Global Environmental Monitoring System: action plan	210
Acronyms	211



SIR ERNEST HENRY SHACKLETON, 1874-1922

We print this photograph to mark the centenary of Shackleton's birth on 15 February 1874.