

POLAR RECORD

EDITOR: CHRISTINE MADDEN

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

Vol 18, No 116

MAY 1977



CONTENTS

EDITOR'S NOTE	429
ARTICLES:	
Passive microwave images of the polar regions and research applications. By H. Jay Zwally and Per Gloersen	431
The history of the Royal Greenland Trade Department. By Aage V. Strøm Tejsen	451
Migration of Arctic waders wintering in Europe. By R. I. G. Morrison	475
FIELD WORK:	
A British submarine expedition to the North Pole, 1976. By Peter Wadhams	487
Queen's College Cambridge Svartisen Expedition, 1976	491
NOTES:	
A new Antarctic museum centre for New Zealand. By D. L. Harrowfield	493
Drift tracks of Antarctic icebergs. By C. Swithinbank, P. McClain, and P. Little	495
Proposed new terms and definitions for snow and ice features. By T. Armstrong, B. Roberts, and C. Swithinbank	501
Problems encountered when monitoring tidal movement in extremely cold con- ditions. By J. F. Bishop and J. L. W. Walton	502
The Northern Sea Route, 1976. By T. Armstrong	506

Recent salmon netting restrictions in south-west Greenland. By P. Evans and G. Waterston	507
A note on avalanches in Iceland. By S. R. Gudjonsson	508
House mice in South Georgia. By W. N. Bonner and N. Leader-Williams	512
Letter to the Editor	512
Monthly temperature summary for British Antarctic Survey stations	513
REVIEW	514
IN BRIEF	517
OBITUARY	520
FIFTIETH ANNUAL REPORT ON THE WORK OF THE SCOTT POLAR RESEARCH INSTITUTE	523
<i>SCAR Bulletin</i> , No 56:	
Fourteenth Meeting of SCAR, Mendoza	531
Changes of address	554