



POLAR RECORD

VOLUME 30 NUMBER 174 JULY 1994

CAMBRIDGE UNIVERSITY PRESS

Polar Record

Journal of the Scott Polar Research Institute, University of Cambridge.
Published by Cambridge University Press.

Editor: Dr BEAU RIFFENBURGH

Editorial Advisors:

Professor WILLIAM BARR, University of Saskatchewan
Dr PETER D. CLARKSON, Scientific Committee on Antarctic Research
Professor RICHARD C. DAVIS, University of Calgary
Dr DAVID J. DREWRY, British Antarctic Survey
Professor BARRY M. GOUGH, Wilfrid Laurier University
Dr GEOFFREY HATTERSLEY-SMITH
Dr JOHN A. HEAP, University of Cambridge
Professor MARTIN O. JEFFRIES, University of Alaska Fairbanks
Professor KENNETH C. JEZEK, Ohio State University
Dr RICHARD M. LAWS, St Edmund's College
DAVID J. LYONS, University of Tasmania
Dr MARK NUTTALL, Brunel University
Dr IAN STIRLING, Canadian Wildlife Service
IAN R. STONE, University of Kent at Canterbury
Dr PETER WADHAMS, University of Cambridge
Dr DAVID W.H. WALTON, British Antarctic Survey

Production:

Dr ELIZABETH CRUWYS
RUTH DANIEL
AILSA MACQUEEN

© Scott Polar Research Institute 1994.

Polar Record (ISSN 0032-2474) is published four times yearly — in January, April, July, and October — the four issues making a volume. First published in January 1931, *Polar Record* appeared twice yearly until July 1954 and three times yearly until September 1987. Scholarly contributions are invited on virtually all subjects of polar interest. For information on contributions, see 'Instructions for authors,' in *Polar Record* 30 (172): 72–74, January 1994, or write The Editor, *Polar Record*, Scott Polar Research Institute, University of Cambridge, Lensfield Road, Cambridge CB2 1ER, UK.

Subscriptions

Orders, which must be accompanied by payment, should be sent to any bookseller or subscription agent, or direct to the publisher:

**Cambridge University Press
The Edinburgh Building
Shaftesbury Road
Cambridge CB2 2RU
UK**

or:

**40 West 20th Street
New York, NY 10011-4211
USA**

The subscription price of vol 30, 1994, including postage (excluding VAT), is: for individuals, £39.00 (US\$75.00 in USA, Canada, and Mexico), for institutions £62.00 (US\$113.00 in USA, Canada, and Mexico). Second-class postage paid at New York, NY, and at additional mailing offices. Separate issues cost £17.00 (US\$31.00 in USA, Canada, and Mexico) plus postage. EC subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, PO Box 55, Chitose, Tokyo, Japan. POSTMASTER: send address changes in the USA, Canada, and Mexico to *Polar Record*, Cambridge University Press, 110 Midland Avenue, Port Chester, New York, NY 10573-9864.

Claims for missing issues can be considered only if made immediately after receipt of the subsequent issue.

POLAR RECORD

VOLUME 30, NUMBER 174, JULY 1994

Contents

- | | | |
|-----------------|-----|---|
| <i>ARTICLES</i> | 167 | Looking at the Falkland Islands from Antarctica: the broader regional perspective
<i>Peter J. Beck</i> |
| | 181 | Industrial pollution in the Kol'skiy Poluostrov, Russia
<i>W.G. Rees and A.P. Kapitsa</i> |
| | 189 | Protected areas review: McMurdo Sound, Ross Sea
<i>Colin M. Harris</i> |
| | 193 | The legal status of the Northern Sea Route
<i>Leonid Timtchenko</i> |
| | 201 | Measured properties of the Antarctic ice sheet derived from the SCAR Antarctic digital database
<i>Adrian J. Fox and A. Paul R. Cooper</i> |
| | 207 | Effects of human trampling on the sub-Antarctic vegetation of Macquarie Island
<i>J.J. Scott and J.B. Kirkpatrick</i> |
| <i>NOTES</i> | 221 | Non-government aircraft in the Antarctic 1993/94
<i>Charles Swithinbank</i> |
| | 221 | Canada's newest university to focus on northern issues
<i>William Morrison and Clive Keen</i> |
| | 223 | The spirit of Gino Watkins, 1993
<i>Derek Fordham</i> |
| <i>REVIEWS</i> | 224 | Marine mammals: advances in behavioural and population biology, edited by I.L. Boyd
<i>E. Cruwys</i> |
| | 225 | Skua and penguin: predator and prey, by Euan Young
<i>R.W. Furness</i> |
| | 226 | Arctic exploration and development c. 500 to 1915: an encyclopedia, by Clive Holland
<i>Beau Riffenburgh</i> |
| | 226 | The Arctic: a history, by Richard Vaughan
<i>William Barr</i> |
| | 227 | Climate since A.D. 1500, edited by R.S. Bradley and P.D. Jones
<i>Julian A. Dowdeswell</i> |
| | 229 | The College Hill chronicles: how the University of Alaska came of age, by Neil Davis
<i>Barbara Hodgkin</i> |
| | 229 | Moments of terror: the story of Antarctic aviation, by David Burke
<i>H.G.R. King</i> |
| | 231 | Charting the sea of darkness: the four voyages of Henry Hudson, by Donald S. Johnson
<i>Clive Holland</i> |
| | 231 | Polar peoples: self-determination and development, by Minority Rights Group
<i>George W. Wenzel</i> |

	232	Shadows on the wasteland, by Mike Stroud <i>Stephen Wells</i>
	232	Whaling and history: perspective on the evolution of the industry, edited by Bjørn L. Basberg, Jan Erik Ringstad, Einar Wexelsen <i>Ian Whitaker</i>
	233	Brief reviews
<i>OBITUARY</i>	234	Robert Ferguson Legget
<i>IN BRIEF</i>	235	Antarctic Division budget cut
	235	Inaccessible Island to become a nature reserve
<i>SCAR BULLETIN</i>	236	SCAR BULLETIN No 114
	236	Recommendation adopted by the XVIIIth Antarctic Treaty Consultative Meeting, 11–22 April 1994, Kyoto, Japan
	240	SCAR–COMNAP <i>ad hoc</i> Planning Group on Antarctic Data Management, Report of the Second Meeting, Boulder, Colorado, USA, September 1993
<i>COVER PICTURE</i>		Juvenile blue-eyed shag, Cuverville Island, Antarctica. Photo credit: Pamela B. Davis.