## continued from inside frontcover

**Copying.** This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC of the per copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0954-1020/2016 \$16.00. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use, permission should be sought from Cambridge University Press.

This journal issue has been printed on FSC<sup>TM</sup>-certified paper and cover board. FSC is an independent, non-governmental, notfor-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed in the United Kingdom by Bell & Bain.



## ANTARCTIC Science

Volume 28

Number 3

2016

## CONTENTS

Editorial	151	EARTH SCIENCES	
SYNTHESIS		Cannibalism in Naticidae from the La Meseta Formation (Eocene, Antarctica)	
Structurally preserved fungi from Antarctica: diversity and interactions in late Palaeozoic and Mesozoic polar		S.S. BREZINA, N. CECH, D. MARTÍN SERRALTA & S. CASADÍO	205
forest ecosystems		EARTH SCIENCES - SHORT NOTE	
Carla J. Harper, Thomas N. Taylor, Michael Krings & Edith L. Taylor	153	First report on quill pits in early penguins PIOTR JADWISZCZAK & THOMAS MÖRS	217
BIOLOGICAL SCIENCES		PHYSICAL SCIENCES	
Impact of marine vertebrates on Antarctic terrestrial micro-arthropods STEF BOKHORST & PETER CONVEY	175	Snow particle sizes and their distributions in Dronning Maud Land, Antarctica, at sample, local and regional scales	
The impact of the giant iceberg B09B on population size and breeding success of Adélie penguins in Commonwealth Bay, Antarctica KERRY-JAYNE WILSON, CHRIS S.M. TURNEY,		SUSANNE INGVANDER, PETER JANSSON, IAN A. BROWN, SHUJI FUJITA, SHIN SUGYAMA, SYLVIANE SURDYK, HIROYUKI ENOMOTO, MARGARETA HANSSON & PER HOLMLUND	219
Christopher J. Fogwill & Estelle Blair	187	Book Review	233
Patterns of tourism in the Antarctic Peninsula region: a 20-year analysis	104		
NICOLE A. BENDER, KIM CROSBIE & HEATHER J. LYNCH	194		

Antarctic Science is abstracted in Current Contents, SciSearch, Research Alert, Geo Abstracts, Current Awareness in Biological Sciences, Mineralogical Abstracts, Meteorological & Geo-astrophysical Abstracts, Current Antarctic Literature, GeoArchive, GeoRef, Biosis, Oceanographic Literature, Environmental Periodicals Bibliography and Polar & Glaciological Abstracts

Cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/ans



MIX Paper from responsible sources FSC® C007785

