

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 0954-1020/2018 \$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 FSCTM-certified paper and cover board. FSC is an independent, non-governmental, not-for-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 30 Number 5 2018

CONTENTS

Guest Editorial	269	Importation of psychrotolerant fungi to Antarctica associated with wooden cargo packaging KEVIN A. HUGHES, MARTA MISIAK, YOGABAANU ULAGANATHAN & KEVIN K. NEWSHAM	298
BIOLOGICAL SCIENCES			
Intra-population variability of the non-breeding distribution of southern giant petrels <i>Macronectes giganteus</i> is mediated by individual body size LUCAS KRÜGER, VITOR H. PAIVA, JULIA V.G. FINGER, ELISA PETERSEN, JOSÉ C. XAVIER, MARIA V. PETRY & JAIME A. RAMOS	271	EARTH SCIENCES Suspected meteorite fragments in marine sediments from East Antarctica NARESH C. PANT, FRANCISCO J. JIMENEZ-ESPEJO, CARY P. COOK, PAROMITA BISWAS, ROBERT MCKAY, CLAUDIO MARCHESI, MOTOO ITO, DEWASHISH UPADHYAY, JUNICHIRO KURODA, KENJI SHIMIZU, RYOKO SENDA, TINA VAN DE FLIERDT, YOSHINORI TAKANO, KATSUHIKO SUZUKI, CARLOTA ESCUTIA & PRAKASH K. SHRIVASTAVA	307
The impacts of deglaciation and human activity on the taxonomic structure of prokaryotic communities in Antarctic soils on King George Island E.V. PERSHINA, E.A. IVANOVA, E.V. ABAKUMOV & E.E. ANDRONOV	278	How robust are the temperature trends on the Antarctic Peninsula? SERGI GONZALEZ & DIDAC FORTUNY	322
Life history traits of rare Antarctic dragonfishes from the Weddell Sea MARIO LA MESA, EMILIO RIGINELLA, FORTUNATA DONATO & CARLOTTA MAZZOLDI	289	Book Review	329

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

Cambridge Core

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



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS