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 FSC<sup>TM</sup>-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

Volume 32 Number 3 2020

## CONTENTS

GUEST EDITORIAL		Gone fishing: Adélie penguin site-specific foraging	
Seymour (Marambio) Island: an outstanding example of Antarctic geological heritage KEVIN A. HUGHES, LUIS CARCAVILLA, ALISTAIR CRAME,		tactics and breeding performance Silvia Olmastroni, Niccolò Fattorini, Francesco Pezzo & Silvano Focardi	199
Enrique Díaz-Martínez, David Elliot, Jane Francis, Jerónimo López-Martínez & Marcelo Reguero	167	EARTH SCIENCES	
BIOLOGICAL SCIENCES		Marine geological investigation of Edward VIII Gulf, Kemp Coast, East Antarctica	
Distribution of zooplankton in the Indian sector of the Southern Ocean V. Venkataramana, N. Anilkumar, K. Swadling, R.K. Mishra, S.C. Tripathy, A. Sarkar, Soares Melena Augusta, P. Sabu & Honey U.K. Pillai	168	ISABEL A. DOVE, AMY LEVENTER, MEREDITH J. METCALF, STEFANIE A. BRACHFELD, ROBERT B. DUNBAR, PATRICIA MANLEY, AMELIA E. SHEVENELL, RICHARD W. MURRAY, MATTHEW HOMMEYER, KELLY A. KRYC, NATALIE MCLENAGHAN, FIONA TAYLOR & BRUCE A. HUBER	210
Significant chick loss after early fast ice breakup at a high-latitude emperor penguin colony	100	PHYSICAL SCIENCES	210
Annie E. Schmidt & Grant Ballard  Antarctic sea anemone distribution, abundance and relationships with habitat composition, community structure and anthropogenic disturbance	180	Subglacial brine flow and wind-induced internal waves in Lake Bonney, Antarctica  JADE P. LAWRENCE, PETER T. DORAN, LUKE A. WINSLOW & JOHN C. PRISCU	223
Leslie A. Watson, Jonathan S. Stark, Glenn Johnstone, Erik Wapstra & Karen Miller	186		

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 Core

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





