

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS
Journals Fulfillment Department, UPH, Shaftesbury Road,
Cambridge, CB2 8BS, UK, United Kingdom
One Liberty Plaza, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

Printed and bound in the UK by Bell & Bain Ltd, Glasgow

Contents

GEOLOGICAL MAGAZINE

ORIGINAL ARTICLES

Ordovician turbidites and black shales of Bennett Island (De Long Islands, Russian Arctic), and their significance for Arctic correlations and palaeogeography

1207-1237

Maria K. Danukalova, Alexander B. Kuzmichev, Nikolai V. Sennikov and Tatiana Yu. Tolmacheva

Deciphering the geodynamic evolution of the Dinaric orogen through the study of the 'overstepping' Cretaceous successions

1238-1264

Giuseppe Nirta, Martin Aberhan, Valerio Bortolotti, Nicolaos Carras, Francesco Menna and Milvio Fazzuoli

Origin of Devonian mafic magmatism in the East Kunlun orogenic belt, northern Tibetan Plateau: implications for continental exhumation

1265-1280

You-Jun Tang, Bin Liu, Mei-Jun Li, Yue Wu, Jian Huang, Shao-Qing Zhao and Yang Sun

Slab break-off origin of 105 Ma A-type porphyritic granites in the Asa area of Tibet

1281-1298

Hang Li, Ming Wang, Xiao-Wen Zeng, An-Bo Luo, Yun-Peng Yu and Xian-Jin Zeng

Natural fractures at depth in the Lower Cretaceous Kuqa Depression tight sandstones: identification and characteristics

1299-1315

Tao Nian, Yanze Li, Tao Hou, Chengqian Tan and Chao Liu

A Late Cretaceous felsic magmatic suite from the Tengchong Block, western Yunnan: integrated geochemical and isotopic investigation and implications for Sn mineralization

1316-1332

Zhuanrong Sun, Guochen Dong, M Santosh, Xuanxue Mo, Pengsheng Dong, Weiqing Wang and Bin Fu

Sea-level fluctuations in the late Middle Permian estimated from palaeosols of the Sichuan Basin, SW China

1333-1348

Jun Li, Zhong Han, Xingyue Wen, Gregory J. Retallack and Chengmin Huang

Origin and tectonic significance of the metavolcanic rocks and mafic enclaves from the Palaeoproterozoic Birimian Terrane, SE West African Craton, Ghana

1349-1366

Patrick Asamoah Sakyi, Ben-Xun Su, Johnson Manu, Daniel Kwayisi, Chris Y. Anani, Melesse Alemayehu, Sanjeewa P.K. Malaviarachchi, Prosper M. Nude and Ben-Can Su

RAPID COMMUNICATIONS

U-Pb dating of calcite in ancient carbonates for age estimates of syn- to post-depositional processes: a case study from the upper Ediacaran strata of Finnmark, Arctic Norway

1367-1372

Guido Meinhold, Nick M. W. Roberts, Arzu Arslan, Sören Jensen, Jan Ove R. Ebbestad, Anette E. S. Högström, Magne Høyberget, Heda Agić, Teodoro Palacios and Wendy L. Taylor

Uppermost Cambrian carbon chemostratigraphy: the HERB and undocumented TOCE events are not synonymous

1373-1377

Ed Landing, Robert L. Ripperdan and Gerd Geyer

A fossil dreamer of the genus *Oneirodes* (Lophiiformes: Ceratioidei) from the Miocene of Sakhalin Island, Russia

1378-1382

Mikhail V. Nazarkin and Theodore W. Pietsch

Cambridge Core

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



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS