

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

Crayfish bio-gastroliths from eastern Australia and the middle Cretaceous distribution of Parastacidae <i>Phil R. Bell, Russell D. C. Bicknell and Elizabeth T. Smith</i>	1023-1030	Why magnesium isotope fractionation is absent from basaltic melts under thermal gradients in natural settings <i>Yingkui Xu, Dan Zhu, Xiongyao Li and Jianzhong Liu</i>	1144-1148
Late-stage tectonic evolution of the Al-Hajar Mountains, Oman: new constraints from Palaeogene sedimentary units and low-temperature thermochronometry <i>A Corradetti, V Spina, S Tavani, JC Ringenbach, M Sabbatino, P Razin, O Laurent, S Brichau and S Mazzoli</i>	1031-1044	Hidden diversity of small predators: new thorny lacewings from mid-Cretaceous amber from northern Myanmar (Neuroptera: Rhachiberothidae: Paraberothinae) <i>Hiroshi Nakamine, Shûhei Yamamoto and Yui Takahashi</i>	1149-1175
Prograde polyphase regional metamorphism of pelitic rocks, NW of Jamshedpur, eastern India: constraints from textural relationship, pseudosection modelling and geothermobarometry <i>D Prakash, DK Patel, MK Yadav, B Vishal, S Tewari, R Yadav, SK Rai and CK Singh</i>	1045-1067	A lower Silurian (Llandovery) diplobathrid crinoid (<i>Camerata</i>) from mid-Wales <i>Fiona E. Fearnhead, Stephen K. Donovan, Joseph P. Botting and Lucy A. Muir</i>	1176-1180
Geochemistry and zircon U-Pb-Hf isotopes of the Mante Aobao granite porphyry at East Ujimqin Banner, Inner Mongolia: implications for petrogenesis and tectonic setting <i>Fei Hu, Wei Huang, Zeli Yang, Simon A. Wilde, Harald Furnes, Mansheng Luo and Kexin Zhang</i>	1068-1086	Columnar-jointed bentonite below a Doleritic Sill, Tideswell Dale, Derbyshire, UK: formation during prograde contact metamorphism <i>S Mullineux, RSJ Sparks, MD Murphy, C MacNiocaill, D Barfod, J Najorka and JC Schumacher</i>	1181-1198
Earliest North American articulated freshwater acanthomorph fish (Teleostei: Percopsiformes) from Upper Cretaceous deposits of Alberta, Canada <i>Alison M. Murray, Donald B. Brinkman, Michael G. Newbrey and Andrew G. Neuman</i>	1087-1096	CORRIGENDUM Columnar-jointed bentonite below a Doleritic Sill, Tideswell Dale, Derbyshire, UK: formation during prograde contact metamorphism - CORRIGENDUM <i>Mullineux, RSJ Sparks, MD Murphy, C MacNiocaill, D Barfod, J Najorka and JC Schumacher</i>	1199-1199
Meso-Cenozoic uplift of the Taihang Mountains, North China: evidence from zircon and apatite thermochronology <i>Lin Wu, Fei Wang, Jinhui Yang, Yinzhai Wang, Weibin Zhang, Liekun Yang and Wenbei Shi</i>	1097-1111	RAPID COMMUNICATION Occurrence of the eudemersal radiodont <i>Cambroraster</i> in the early Cambrian Chengjiang Lagerstätte and the diversity of hurdiid ecomorphotypes <i>Yu Liu, Rudy Leroosey-Aubril, Denis Audo, Dayou Zhai, Huijuan Mai and Javier Ortega-Hernández</i>	1200-1206
Heterogeneity in the Ediacaran-Cambrian coastal oceans: a sulphur isotope perspective <i>Ying Lin, Nanping Wu, Da Li and Hong-Fei Ling</i>	1112-1120		
Tectonic evolution of the South Altyn, NW China: constraints by geochemical, zircon U-Pb and Lu-Hf isotopic analysis of the Palaeozoic granitic plutons in the Mangya area <i>Nan Xu, Cai-lai Wu, Yuan-Hong Gao, Min Lei, Kun Zheng and Dong Gao</i>	1121-1143		

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