

## Cambridge Core

Access leading journals in your subject

Explore today at cambridge.org/core

Cambridge Core



# Cambridge Core

The new home of academic content

cambridge.org/core

Cambridge Core



### Editorial Board (as of 1 April 2020)

Ian ALSOP (Editor), University of Aberdeen Tectonics/structural geology

Kevin EDWARDS (Editor), University of Aberdeen Environmental change in northern Europe & North Atlantic; Palynology; palaeoecology; Quaternary science; environmental archaeology

Rob M. ELLAM (*Editor*), Scottish Universities Environmental Research Centre *Isotope geochemistry*, *igneous petrogenesis* 

Fiona FORDYCE (Editor), British Geological Survey Environmental geochemistry, sediment, soil and water quality, environment and health

Alistair MCGOWAN (*Editor*), BioGeoD, Edinburgh Palaeobiology; biodiversity; invertebrate palaeontology; the Fossil Record Emrys PHILLIPS (Editor), British Geological Survey Glacial sciences, soft-sediment deformation

Andrew ROSS (Chairman & Editor-in-Chief), National Museums Scotland, Edinburgh Invertebrate palaeontology; palaeobiology; palaeoecology; palaeoenvironment; palaeoclimate

Chris SOULSBY (*Editor*), University of Aberdeen *Hydrogeology; biogeochemistry* 

Rachel WALCOTT (*Editor*) National Museums Scotland, Edinburgh *Mineralogy, geomorphology, structural geology and tectonics* 

Stig WALSH (Editor), National Museums Scotland, Edinburgh Vertebrate palaeobiology; vertebrate palaeontology

### Earth and Environmental Science Transactions of the Royal Society of Edinburgh

### Volume 112 March 2021 Issue 1

Sara LIFSHITS Deep fluids and their role in hydrocarbon migration and oil deposit formation exemplified by supercritical CO <sub>2</sub>	1
Qian HOU, Chuanlong MOU, Zuozhen HAN, Xiangying GE and Qiyu WANG Origin of chert in the Upper Ordovician—Lower Silurian: implications for the sedimentary environment of North Qilian Orogen  Marc J. VAN DEN BRANDT, Bruce S. RUBIDGE, Julien BENOIT and Fernando ABDALA Cranial morphology of the middle Permian pareiasaur <i>Nochelesaurus alexanderi</i> from the Karoo Basin of South Africa	13
	29
Chunli ZHENG, Hongkai LIAO and Chenglong TU Global trends of antibiotics research: comparison using network analysis to map the tendencies of antibiotics in water, soil and sediment	51

