

# JOURNAL OF THE GEOLOGICAL SOCIETY

Volume 171, Part 5, September 2014

## Special

- MARRONI, M., FRASSI, C., GÖNCÜOĞLU, M.C., DI VINCENZO, G., PANDOLFI, L., REBAY, G., ELLERO A. & OTTRIA G. Late Jurassic amphibolite-facies metamorphism in the Intra-Pontide Suture Zone (Turkey): an eastward extension of the Vardar Ocean from the Balkans into Anatolia? 605

## Research Articles

- ANDREWS, S.D., KELLY, S.R.A., BRAHAM, W. & KAYE, M. Climatic and eustatic controls on the development of a Late Triassic source rock in the Jameson Land Basin, East Greenland 609
- BRASIER, A.T., MORRIS, J.L. & HILLIER, R.D. Carbon isotopic evidence for organic matter oxidation in soils of the Old Red Sandstone (Silurian to Devonian, South Wales, UK) 621
- WILKINSON, M. HASZELDINE, R.S., MORTON, A. & FALICK, A.E. Deep burial dissolution of K-feldspars in a fluvial sandstone, Pentland Formation, UK Central North Sea 635
- POINTON, M.A., CHEW, D.M., OVTCHAROVA, M. SEVASTOPULO, G.D. & DELCAMBRE, B. High-precision U–Pb zircon CA-ID-TIMS dates from western European late Viséan bentonites 649
- KALLIOMÄKI, H., TORVELA, T., MOREAU, J. & KÄHKÖNEN, Y. Relationships between basin architecture, basin closure, and occurrence of sulphide-bearing schists: an example from Tampere Schist Belt, Finland 659
- TORRES-LÓPEZ, S., VILLAÍAIN, J.J., CASAS, A.M., EL OUARDI, H., MOUSSAID, B. & RUIZ-MARTÍNEZ, V.C. Widespread Cretaceous secondary magnetization in the High Atlas (Morocco). A common origin for the Cretaceous remagnetizations in the western Tethys? 673
- GEOFFROY, L., LE GALL, B., DAOUD, M.A. & JALLUDIN, M. Flip-flop detachment tectonics at nascent passive margins in SE Afar 689
- LIU, J., ZHAO, Y., LIU, A., ZHANG, S., YANG, Z. & ZHUO, S. Origin of Late Palaeozoic bauxites in the North China Craton: constraints from zircon U–Pb geochronology and *in situ* Hf isotopes 695
- RESTALLACK, G.J., MARCONATO, A., OSTERHOUT, J.T., WATTS, K.E. & BINDEMAN, I.N. Revised Wonoka isotopic anomaly in South Australia and Late Ediacaran mass extinction 709
- QUINN, C.D., PERCIVAL, I.G., GLEN, R.A. & XIAO, W.-J. Ordovician marginal basin evolution near the palaeo-Pacific east Gondwana margin, Australia 723
- Erratum 737



Geological Society Internet site: [www.geolsoc.org.uk](http://www.geolsoc.org.uk)

JGS online submission: <http://jgs.allentrack.net>

Abstracted and/or indexed in *Current Contents*, *Science Citation Index*, *GeoArchive*, *GeoRef*, *Geobase*, *Petroleum Abstracts*, *Geological Abstracts* and *Mineralogical Abstracts*.

Published by the Geological Society of London

**Cover image:** Rhythmically bedded Upper Cretaceous (Cenomanian) hemipelagic limestone–marl succession, La Mure, Alpes-de-Haute-Provence, SE France.

Photo: Ian Jarvis