

JOURNAL OF THE GEOLOGICAL SOCIETY

Volume 172, Part 6, November 2015

<i>Society Awards for 2015</i>	681
Review focus	
WILLIAMS, M., BENTON, M.J. & ROSS, A. The Strawberry Bank Lagerstätte reveals insights into Early Jurassic life	683
Research article	
RESTALLACK, G.J. Silurian vegetation stature and density inferred from fossil soils and plants in Pennsylvania, USA	693
CHENIN, P., MANATSCHAL, G., LAVIER, L.L. & ERRATT, D. Assessing the impact of orogenic inheritance on the architecture, timing and magmatic budget of the North Atlantic rift system: a mapping approach	711
THÓRARINSSON, S.B., SÖDERLUND, U., DØSSING, A., HOLM, P.M., ERNST, R.E. & TEGNER, C. Rift magmatism on the Eurasia basin margin: U–Pb baddeleyite ages of alkaline dyke swarms in North Greenland	721
GUARNIERI, P. Pre-break-up palaeostress state along the East Greenland margin	727
MCCONNELL, B., PARKES, M., CROWLEY, Q. & RUSHTON, A. No Exploits back-arc basin in the Iapetus suture zone of Ireland	740
HOLDSWORTH, R.E., DEMPSEY, E., SELBY, D., DARLING, J.R., FEELY, M., COSTANZO, A., STRACHAN, R.A., WATERS P., FINLAY, A.J. & PORTER, S.J. Silurian–Devonian magmatism, mineralization, regional exhumation and brittle strike-slip deformation along the Loch Shin Line, NW Scotland	748
GALE, A. ANDERSKOUV, K. SURLYK, F. & WHALLEY, J. Slope failure of chalk channel margins: implications of an Upper Cretaceous mass transport complex, southern England	763
GABRIELSEN, R.H., NYSTUEN, J.P., JARISVE, E.M. & LUNDMARK, A.M. The Sub-Cambrian Peneplain in southern Norway: its geological significance and its implications for post-Caledonian faulting, uplift and denudation	777
CRUCIANI, G., FRANCESCHELLI, M., LANGONE, A., PUXEDDU, M. & SCODINA, M. Nature and age of pre-Variscan eclogite protoliths from the Low- to Medium-Grade Metamorphic Complex of north-central Sardinia (Italy) and comparisons with coeval Sardinian eclogites in the northern Gondwana context	792
ZHANG, J.-Y., MA, C.-Q., LI, J.-W. & PAN, Y.M. Reappraisal of Early Cretaceous highly enriched mantle beneath the Dabie Orogen: evidence from mineralogy and geochemistry of the Xiaohekou complex	808
BURTON-JOHNSON, A. & RILEY, T.R. Autochthonous v. accreted terrane development of continental margins: a revised <i>in situ</i> tectonic history of the Antarctic Peninsula	822



9 770016 764005

Geological Society Internet site: www.geolsoc.org.ukJGS online submission: <http://www.editorialmanager.com/jgsl>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: Lower Jurassic organic-rich mudstone containing ammonites and calcite veining, Kilve, Somerset. The slightly elliptical geometry of the ammonites indicates they have been mildly strained during tectonic deformation. The layered veining defines a fault zone in which individual increments of fault movement are represented by separate layers of hydrothermal calcite.

Photo: Hannah Sime