

JOURNAL OF THE GEOLOGICAL SOCIETY

Volume 163, Part 3, May 2006

JOURNAL OF THE GEOLOGICAL SOCIETY

Specials

BESTMANN, M., RICE, A. H. N., LANGENHORST, F., GRASEMANN, B. & HEIDELBACH, F. Subglacial bedrock welding associated with glacial earthquakes 417

Research Articles

LAFFERTY, B., QUINN, R. & BREEN, C. Subglacial imprints associated with the isolation and decay of an ice mass in the Lower Lough Erne Basin, Co. Fermanagh, NW Ireland 421

WOODCOCK, N. H., OMMA, J. E. & DICKSON, J. A. D. Chaotic breccia along the Dent Fault, NW England: implosion or collapse of a fault void? 431

HENDRY, J. P. & POULSOM, A. J. Sandstone-hosted concretions record evidence for syn-lithification seismicity, cavitation processes and Palaeocene rapid burial of Lower Cretaceous deep-marine sandstones (Outer Moray Firth, UKNS) 447

MEERE, P. A. & MULCHRONE, K. F. Timing of deformation within Old Red Sandstone lithologies from the Dingle Peninsula, SW Ireland 461

ZECCHIN, M., MELLERE, D. & RODA, C. Sequence stratigraphy and architectural variability in growth fault-bounded basin fills: a review of Plio-Pleistocene stratal units of the Croton Basin, southern Italy 471

LIESA, C. L., SORIA, A. R., MELÉNDEZ, N. & MELÉNDEZ, A. Extensional fault control on the sedimentation patterns in a continental rift basin: El Castellar Formation, Galve sub-basin, Spain 487

DIAZ GARCÍA, F. Geometry and regional significance of Neoproterozoic (Cadomian) structures of the Narcea Antiform, NW Spain 499

HANSEN, D. M. & CARTWRIGHT, J. A. Saucer-shaped sill with lobate morphology revealed by 3D seismic data: implications for resolving a shallow-level sill emplacement mechanism 509

KOCKS, H., STRACHAN, R. A. & EVANS, J. A. Heterogeneous reworking of Grampian metamorphic complexes during Scandian thrusting in the Scottish Caledonides: insights from the structural setting and U–Pb geochronology of the Strath Halladale Granite 525

XYPOLIAS, P., DÖRR, W. & ZULAUF, G. Late Carboniferous plutonism within the pre-Alpine basement of the External Hellenides (Kithira, Greece): evidence from U–Pb zircon dating 539

SCHOFIELD, D. I., HORSTWOOD, M. S. A., PITFIELD, P. E. J., CROWLEY, Q. G., WILKINSON, A. F. & SIDATY, H. O. Timing and kinematics of Eburnean tectonics in the central Reguibat Shield, Mauritania 549

FALCON-LANG, H. J., BENTON, M. J., BRADY, S. J. & DAVIES, S. J. The Pennsylvanian tropical biome reconstructed from the Joggins Formation of Nova Scotia, Canada 561



0016-7649(200605)163:3;1-J

Geological Society Internet site: www.geolsoc.org.uk

JGS Online: <http://www.ingentaconnect.com/content/geol/jgs>

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: bioturbation fabric in shallow marine sandstones, Cretaceous Greensand, Denmark. Photo: Gary Hampson.