JOURNAL OF THE GEOLOGICAL SOCIETY

Volume 173, Part 3, May 2016

Research article

Rustichelli, A., Di Celma, C., Tonini, E., Baud, P., & Vinciguerra, S. Fibrous gypsum veins as diffuse features and within fault zones: the case study of the Pisco Basin (Ica desert, southern Peru) 405

Ford, M., Hosken, L., Vacherat, A., Gallagher, K., & Christophell, F. Retro-wedge foreland basin evolution along the ECORS line, eastern Pyrenees, France 419

Jurgen, A., Hollis, C. E., Marshall, J., & Crook, S. The control of basin evolution on patterns of sedimentation and diagenesis: an example from the Mississippian Great Orme, North Wales 438


Walker, S., Tordoff, M., Fraschini, R. A., & Bird, A. F. Evidence from Rb-Sr mineral ages for multiple orogenic events in the Caledonides of Shetland, Scotland 489


Kun, A. C., Laah, O., Kalas, M. J., & McDonald, J. Petrogenesis and tectonomagmatic significance of Eocene mafic intrusions from the Neotethyan suture zone in the Muslim Bgh-Khanozai region, Pakistan 518

Ni, J., Li, J., Tani, X., Yao, X., Xia, Z., & Zhang, T. Early Cretaceous exhumation of the Sulu orogenic belt as a consequence of the eastern Eurasian tectonic extension: insights from the newly discovered Wulian metamorphic core complex, eastern China 531

Carling, P. A., Bristow, C. S., & Litwinow, A. S. Ground-penetrating radar stratigraphy and dynamics of megaflood gravel deposits 550

Le Morin, D. P., Alderson, D. H. M., Collinson, M. E., Grasby, N., Sykes, D., & Tredinnick, A. E. A eukaryote assemblage intercalated with Marinoan glacial deposits in South Australia 560

Published by The Geological Society of London

Cover image: Thin-bedded turbidites of the Crackington Formation (Namurian, upper Carboniferous) near Clovelly, north Devon, England. Light-coloured fine-grained sandstone beds alternate with dark-coloured mudstones, with colour contrast increased by reddening of mudstones beneath the Triassic unconformity. Turbidites deposited in a flexural basin ahead of the late Carboniferous Variscan Orogen. Photo: Nigel Woodcock