### Journal of the Geological Society

**Volume 167, Part 2, March 2010**

#### Special
- **Ring, U. & Glodny, J.** No need for lithospheric extension for exhuming (U)HP rocks by normal faulting 225

#### Review Article

#### Research Articles
- **Schmitz, B., Bergström, S.M., Wang, X.** The middle Darriwilian (Ordovician) δ13C excursion (MDICE) discovered in the Yangtze Platform succession in China: Implications of its first recorded occurrences outside Baltoscandia 249
- **Redfield, T.F.** On apatite fission track dating and the Tertiary evolution of West Greenland topography 261
- **Ireland, M.T., Gjellev, N.R. & Davies, R.J.** Influence of pore water chemistry on silica diagenesis: evidence from the interaction of diagenetic reaction zones with polygonal fault systems 273
- **Conilffe, J., Sellev, D., Portier, S.J. & Feely, M.** Re–Os molybdenite dates from the Ballachulish and Kilmelford Igneous Complexes (Scottish Highlands): age constraints for late Caledonian magmatism 297
- **Polgar, M., Heim, J.R. & Voll, M.** Genesis of a regionally widespread caleidositic chert–ironstone bed overlying Upper Lias Manganese deposits, Hungary 313
- **Tamasanová, L., Sereño, I., Konopášek, J., Krůler, J. & Klötzi, U.** Structural position of high-pressure felsic to intermediate granulites from NE Moldanubian domain (Bohemian Massif) 329
- **Jangháský, V., Wiegand, B.A. & Žák, I.** Dating the onset of Variscan crustal exhumation in the core of the Bohemian Massif: new U–Pb single zircon ages from the high-K calc-alkaline granodiorites of the Blatná suite, Central Bohemian Plutonic Complex 347

#### Thematic Set: Neotectonics, Seismicity and Stress in Glaciated Regions
- **Pascal, C., Stewart, I.S. & Vermeerden, B.L.A.** Neotectonics, seismicity and stress in glaciated regions 361
- **Pascal, C., Roberts, D. & Gabrielsen, R.H.** Tectonic significance of present-day stress relief phenomena in formerly glaciated regions 363
- **Bungum, H., Olesen, O., Pascal, C., Gibbons, S.J., Lindholm, C.D. & Vesth, O.** To what extent is the present seismicity of Norway driven by postglacial rebound? 373
- **Hamperl, A., Karow, T., Manath, G. & Hetzel, R.** Slip rate variations on faults during glacial loading and post-glacial unloading: Implications for the viscosity structure of the lithosphere 385
- **Paulsen, T.S. & Wilson, T.J.** Evolution of Neogene volcanism and stress patterns in the glaciated West Antarctic Rift, Marie Byrd Land, Antarctica 401
- **Le Breton, E., Dauteuil, O. & Biessy, G.** Post-glacial rebound around Iceland during the Holocene 417

---

**Published by the Geological Society of London**

**Cover image:** Folded Archaean gneiss, Gisne Jakobsbø, Finnmark, Norway. Photo: Hakon Fossen.