Volume 165, Part 4, July 2008

Research Articles

EVANS, R.J., STEWART, S.A. & DAVIES, R.J. The structure and formation of mud volcano summit calderas 769
WALL, M., CARTWRIGHT, J.A. & DAVIES, R.J. An Eocene age for the proposed Silverpit Impact Crater 781
KIMBELL, G.S. & RICHARDS, P.C. The three-dimensional lithospheric structure of the Falkland Plateau region based on gravity modeling 795
FRIDRICH, C.R.L., SYRACHAN, R.A. & KINNY, P.D. U–Pb zircon dating of basement inliers within the Moine Supergroup, Scottish Caledonides: implications of Archaean protolith ages 807
STEINHOEFEL, G., BIEDER, E. & OLIVER, G.J.H. Chemical and Nd isotope constraints on granitoid sources involved in the Caledonian Orogeny in Scotland 817
WOODCOCK, N.H., SADDERS, N.J. & DICKSON, J.A.D. Fluid flow history from damage zone cements near the Dent and Rawthey Grits, NW England 829
MILLIA, A., MOLISANO, F., RASPINI, A., SACCHI, M. & TORRENTE, M.M. Syneruptive features and sedimentary processes associated with pyroclastic currents entering the sea: the AD 79 of Vesuvius, Bay of Naples, Italy 839
COLLINS, P.E.F., RUST, D.J. & BAYRAKTUTAN, M.S. Geomorphological evidence for a changing tectonic regime, Pazinšek Basin, Turkey 849
BARNETT, A.J. & WRIGHT, V.P. A sedimentological and cyclostratigraphic evaluation of the completeness of the Mississippian–Pennsylvanian (Mid-Carboniferous) Global Stratotype Section and Point, Arrow Canyon, Nevada, USA 859

Discussion

BAILEY, R.J. & SMITH, D.G. and McARTHUR, J.M. Discussion on the Late Palaeocene–Early Eocene and Toarcian (Early Jurassic) carbon isotope excursions: a comparison of their time scales, associated environmental change, causes and consequences; replies by COHEN A.S., COE A.L. & KEMP D.B. 875