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Editorial Photograph of the Month



Photograph Bob Holdsworth (r.e.holdsworth@durham.ac.uk). © R.E. Holdsworth.

The Zuccale Low-Angle Normal Fault exposed on the Island of Elba, Italy, contains a 5-m thick pervasively foliated fault core sandwiched between a hangingwall and footwall in which the deformation is entirely brittle. The fault rocks have been exhumed from 4 to 6 km depth and record evidence for deformation by brittle cataclasis followed by fluid influx and dissolution—precipitation creep (Collettini and Holdsworth, Journal of the Geological Society, 2004). The fault core is crosscut by a network of sub-vertical hydrofracture veins

attesting to periodic build-ups in fluid overpressure within the footwall (Collettini et al., Terra Nova, 2006).

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