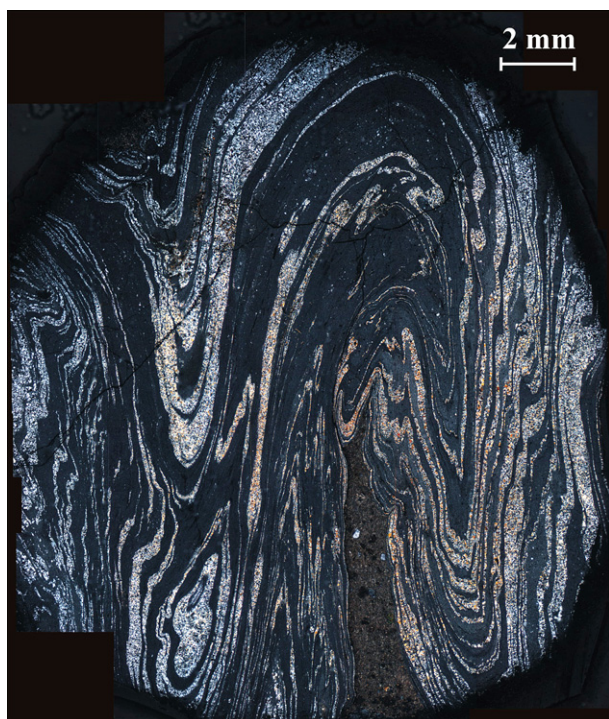


## Photograph of the Month

## Repeated isoclinal folding of an early sheath fold

Microphotograph (crossed nicols) showing a profile section of a long cylindrical tectonic clast from Phulad shear zone, Rajasthan, western India (Ghosh et al., 1999, 2003; Sengupta and Ghosh, 2004, fig.9, 2007). The clast is a part of a strongly stretched sheath fold with its long axis parallel to the mylonitic lineation. The form surface of the internal structure is a mylonitic foliation defined by thin quartzofeldspathic bands, embedded in a calcareous matrix. The profile shows a detached fold hinge with a swirling pattern of a refolded fold. The complex internal structure is produced by two generations of coaxial isoclinal folding (F2 and F3) of an early F1 sheath. The outer layers show refolded hook-shaped pattern and the inner layers show a closed eyed-shaped outcrop pattern (lower left part). Note all the folds within the clast are buckle folds. Sample location  $73^{\circ} 48' 53.5''\text{E}$ ,  $25^{\circ} 36' 13.2''\text{N}$ . Photograph Sudipta Sengupta © Sudipta Sengupta



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16 August 2010

Available online 9 September 2010