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The Cotoncello Shear Zone (Elba Island, Italy): the deep root of a fossil oceanic detachment fault in the Ligurian ophiolites

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Abstract

The ophiolite sequences in the western Elba Island are classically interpreted as a well-exposed ocean-floor section emplaced during the Apennines orogeny at the top of the tectonic nappe-stack. Stratigraphic association along with petrographic and geochemical features indicate that these

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