SELECTED PUBLICATIONS

Guarnieri L., Nakamura E., Piccardo G.B., Sagaguchie C., Shimizu N., Vannucci R., Zanetti A. (2012). Petrology, Trace Element and Sr, Nd, Hf Isotope Geochemistry of the North Lanzo Peridotite Massif (Western Alps, Italy), Journal of Petrology (accepted)

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"Ligurian Ophiolites in the Northern Apennines, Italy.

Ligurian ophiolites were studied again at the end of the 1960s, and re-interpreted as tectonic fragments of the ocean floor of the "northern Apennine geosyncline". Among the many papers published during this

period, the most suggestive one was Bezzi and Piccardo's review of the structural features of the Ligurian ophiolites, published by the Geological Society of Italy (Bezzi and Piccardo, 1971).

*According to the authors, "the lherzolites and related rocks may represent more or less recrystallized primary material from the upper mantle, deformed and re-equilibrated during its tectonic evolution" (Bezzi and Piccardo, 1971, pg. 58). They concluded that … these new data favor the hypothesis that the Ligurian mafic and ultramafic rocks, characterized by the association of basic extrusive rocks, gabbro-peridotite cumulates and ultramafic tectonites, are slices of the ophiolitic material derived from the lower crust and upper mantle, and form the oceanic basaltic oceanic crust, that make up the ancient ocean basin floor (Bezzi and Piccardo, 1971, pg. 60).***"***