

## ***Interactive comment on “Tephrostratigraphic studies on a sediment core from Lake Prespa in the Balkans” by M. Damaschke et al.***

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In general I fully agree the comments of S.Wulf . The paper is well written and organized and provides significant contribution to the knowledge of tephra dispersal in the Mediterranean area during Quaternary. I recommend its publication

Some minor more specific indications and comments 1) A table with the average glass compositions is absolutely necessary 2) In the abstract the connection sample-eruption is not necessary: refer only to the eruption 3) Pag 4454: undersaturated volcanics in Holocene not only from Vesuvius 4) PT0915 – 1: the reason of preferring AD 512 to

C2290

AD 472 is clear and well discussed, however I remain convinced that AD 472 should be preferred because of its dynamics and magnitude. 5) Most probably Mercato was not a single multiphase eruption but few (2-3-more?) plinian-subplinian different events covering an undefined time span (few centuries?). 6) PT0915-3 and PT0915-4: To me is not clear the reason to exclude from the possible sources of this cryptotephra the 16,000 BP Greenish Pumice eruption of Vesuvius. 7) PT0915-6: I'm tempted to correlate it to Vesuvius Codola eruption (whose age, dynamics, dispersal and composition are poorly known). 8) PT0915-8: “particularly Ischia as its source”. Why not Campi Flegrei?

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Interactive comment on Clim. Past Discuss., 8, 4443, 2012.