

## ***Interactive comment on “Tephrostratigraphy and tephrochronology of lakes Ohrid and Prespa, Balkans” by R. Sulpizio et al.***

**R. Sulpizio et al.**

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Reply on: Interactive comment on “Tephrostratigraphy and tephrochronology of lakes Ohrid and Prespa, Balkans” by R. Sulpizio et al.

We wish to thank Anthony Newton for its useful suggestions/comments to the manuscript. The reviewer rose some points that will be explained or corrected in the following.

- Data presentation: we satisfied part of the request by making available the entire dataset of analyses, as replied to the reviewer D. Pyle. The use of different diagrams for correlating the tephra layers does not add any significant improvement in correlations showed through tables and figure 3. When useful for discussion and/or to clearly

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discriminate different tephra layers/cryptotephra diagrams using different major elements are provided (e.g. Fig. 6b). On the other hand, the publication of entire sets of diagrams would require to add some other pages to the manuscript, which would significantly extend its length and costs - ICP-MS analyses: we stated in the main text that the analysed samples were bulk and not glass separated - Technical points: we fixed all these points in the revised manuscript - Figure 8: we redrawn the figure, which is attached to the reply to referee #3 (Massimo Pompilio).

On the behalf of the Authors Roberto Sulpizio

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