

## ***Interactive comment on “A new high-resolution pollen sequence at Lake Van, Turkey: Insights into penultimate interglacial-glacial climate change on vegetation history” by Nadine Pickarski and Thomas Litt***

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Dear anonymous referee,

Thank you very much for your constructive suggestions. We considered all of them and implemented them in the revised manuscript. We rewrote the manuscript more clearly and improved the discussion section, especially, as recommended, the detailed vegetation inferences and successions. Concerning the use of the term ‘steppe-forest’, we added the definition of an oak steppe-forest after Zohary (1973) and Frey and Kürschner (1989), which can also be described as a ‘mixed formation of cold-

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deciduous broad-leaved montane woodland and xeromorphic dwarf-shrublands’. In addition, we added further explanations in an extra paragraph of how the Marine Isotope Stages were referred to terrestrial temperate interval in the Lake Van area. Additional description was also made for the chronology and the final climatostratigraphic alignment of the presented Lake Van sequence. We carefully checked our use of English. We overall think the revisions improved our manuscript significantly, and we hope that our manuscript in its present form will be better suited for publication.

Best regards, Nadine Pickarski

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/cp-2016-133/cp-2016-133-AC4-supplement.zip>

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Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2016-133, 2016.

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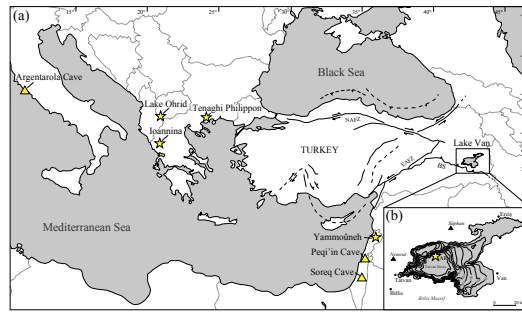


Fig. 1.

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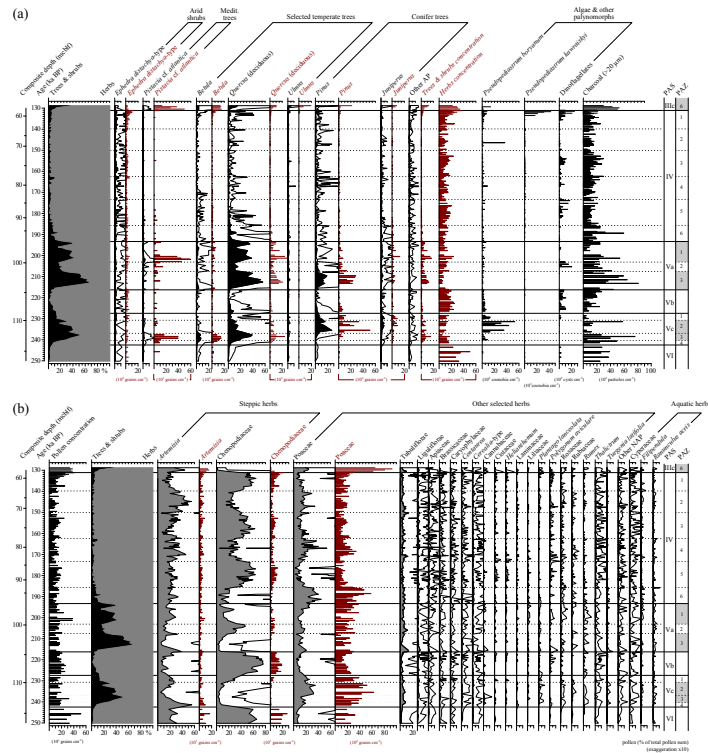


Fig. 2.

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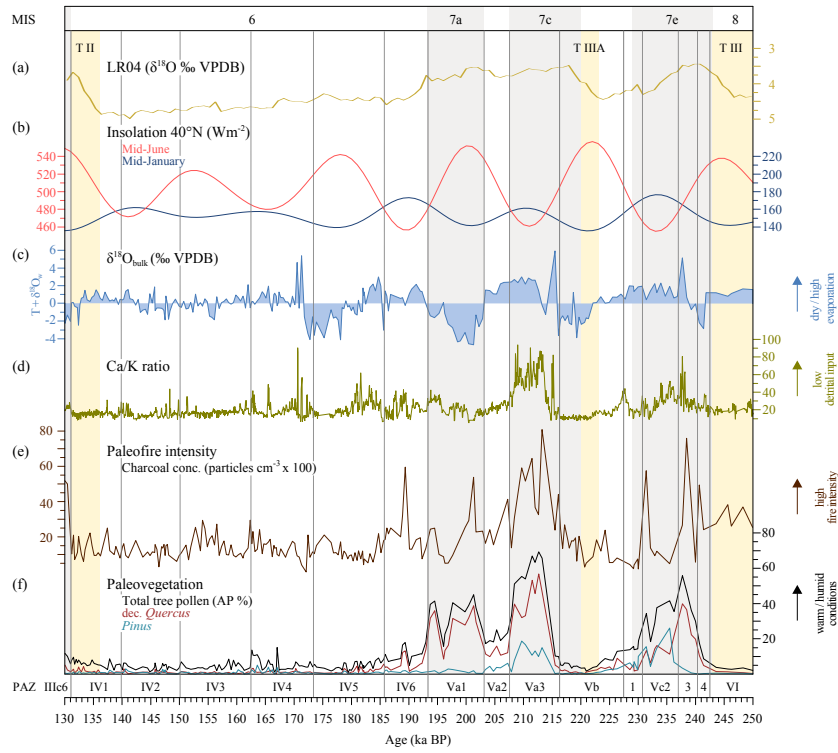


Fig. 3.

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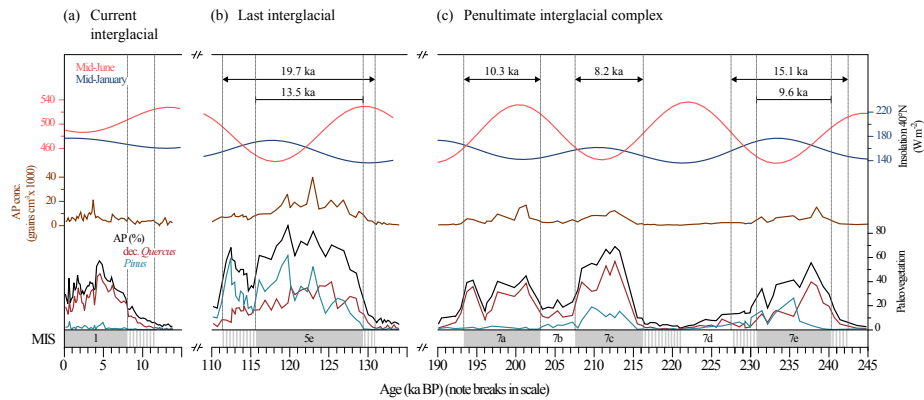


Fig. 4.

C6

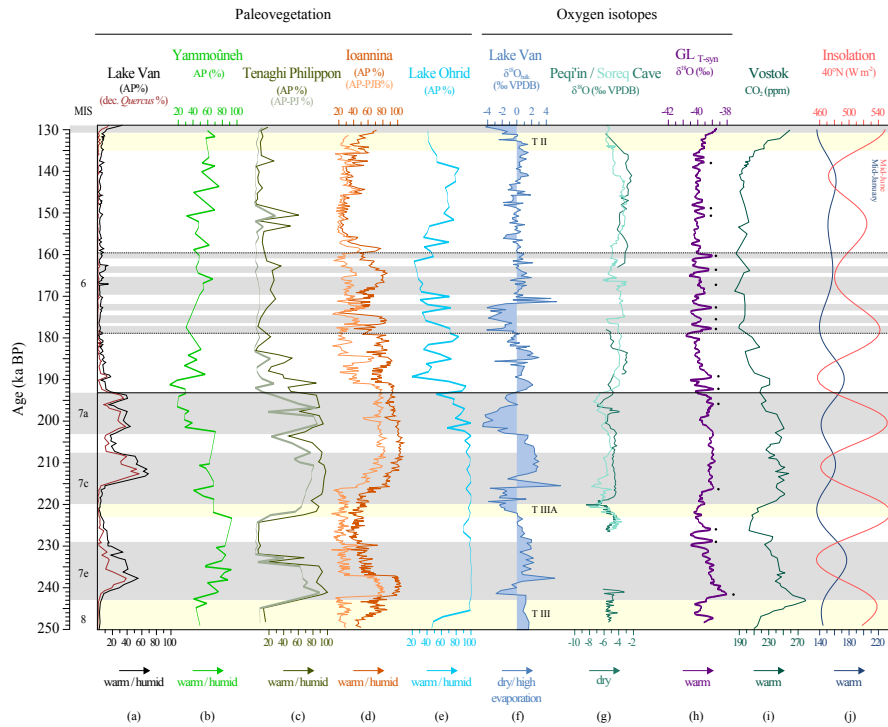


Fig. 5.

C7

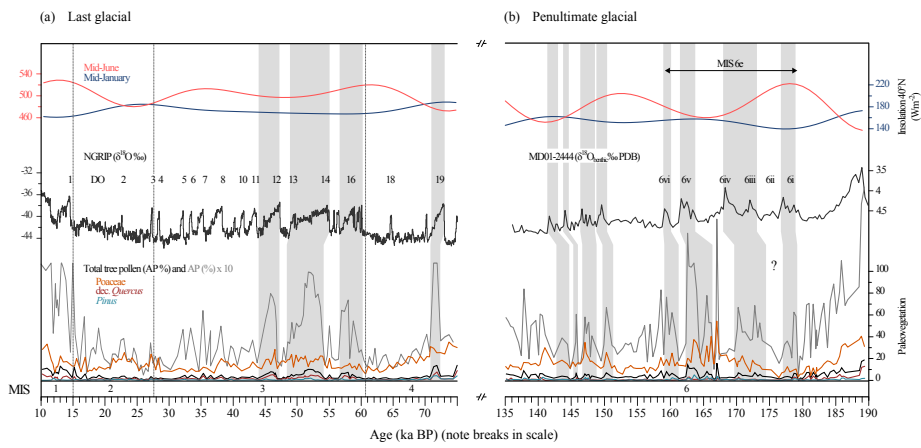


Fig. 6.

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