

# ***Interactive comment on “Late Glacial-Holocene climatic transition record at the Argentinian Andean piedmont between 33–34° S” by A. E. Mehl and M. A. Zárate***

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Adriana Mehl and Marcelo Zárate investigated Late Pleistocene-Early Holocene alluvial sequences including several paleosols in the eastern Andean piedmont in the Arroyo La Estacada (~33°S). Based on their well presented stratigraphical, sedimentological and paleopedological results, which follow an excellently presented and well written introduction to the regional setting and geological background, the authors infer geomorphological and paleoclimatological information and put them into a larger context.

I am not an expert on micromorphology, but I fully agree with the previous reviewers

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that this study is a very valuable and welcome contribution to the reconstruction of regional landscape and climate history of the Argentinian Andean piedmont and paleoclimate research in general that deserves publication in CP. While I agree with the previous reviewer that the discussion chapter may profit from a better structuring in form of subchapters, my overall impression of the manuscript is an excellent one. This is highlighted and reflected by the short but informative title, the well written and informative abstract and the conclusions and the well-designed and informative figures. Given that both J.-H. May and P. Sanborn already provide valuable and detailed specific comments and suggestions how the manuscript can be further improved, I therefore readily recommend publication of the MS after minor corrections and I congratulate the authors on their nice manuscript.

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