

Interactive comment on “Wildfire history of the boreal forest of southwestern Yakutia (Siberia) over the last two millennia documented by a lake-sedimentary charcoal record” by Ramesh Glückler et al.

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The reviewers have provided some very helpful comments on the methodology underpinning this study, which I hope that the authors will address in some detail in their response. Specifically, please address the following issues:

1) the reliability of the chronology and the impact of chronological uncertainties on the conclusions 2) the appropriateness of the calculated fire return intervals 3) the re-sampling methodology and its impact on the results 4) how/why the fire peak analysis

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differs from conventional methods and the impact of this on the reliability of the reconstructions 5) the vegetation data used and particularly the degree to which under-representation of key pollen types is likely to have impacted your conclusions.

Sandy Harrison (handling associate editor)

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-415>, 2020.

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