Clim. Past Discuss.,
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Interactive comment on "Relationships between low-temperature fires, climate and vegetation during the last 430 kyrs in northeastern Siberia reconstructed from monosaccharide anhydridesin Lake El'gygytgyn sediments" *by* Elisabeth Dietze et al.

Anonymous Referee #1

Received and published: 5 December 2019

"previous studies also suggested that some wildfire occurs mainly during the transition of glacial-interglacial variations". I cannot remember the exact references. You could also check on the literature. Here I could provide a publication from Bird and Cali (Nature, 1998; Global and Planetary Change, 2002, 73-76) for your reference.

"combustion efficiency is more related with the fire intensity"; Please see references from some aerosol studies such as Christian et al., 2003, JGR,

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Discussion paper

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doi:10.1029/2003JD003704; Yokelson et al., 2011, ACP, 6787–6808; etc and from a wildfire study from Han et al., 2016, Scientific Report, DOI: 10.1038/srep19151.

I really think that you did a good work.

Interactive comment on Clim. Past Discuss., https://doi.org/10.5194/cp-2019-103, 2019.

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