

Clim. Past Discuss., referee comment RC1
<https://doi.org/10.5194/cp-2021-26-RC1>, 2021
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Comment on cp-2021-26

Anonymous Referee #1

Referee comment on "Five thousand years of fire history in the high North Atlantic region: natural variability and ancient human forcing" by Delia Segato et al., Clim. Past Discuss., <https://doi.org/10.5194/cp-2021-26-RC1>, 2021

General comments : This article presents a new ice core harvested in Greenland (RECAP) with multi-proxy reconstructions based on Levoglucosan, ammonium and black carbon fluxes over the last 5kyrs BP. This article aims at linking the different reconstructions with other reconstructions from local ice core, and with a wider scale using an analysis of potential sources for black carbon.

Overall, the different sections are clear and the overall message of the article is easy to understand and to follow. The figures are also clear with a very good aesthetic quality.

Specific comments : I have no specific comment concerning scientific issues. The context of the study and the scientific questions are well presented in the introduction and well developed throughout the article.

Technical corrections : I have very few minor revisions to address, you will find them in a commented version of the submitted manuscript.

Please also note the supplement to this comment:

<https://cp.copernicus.org/preprints/cp-2021-26/cp-2021-26-RC1-supplement.pdf>