

***Interactive comment on* “Stable isotopic composition of top consumers in Arctic cryoconite holes: revealing different position in supraglacial trophic network” by Tereza Jaroměřská et al.**

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Received and published: 15 May 2020

Dear Mr. Buda,

thank you very much for reading our work as well as for your constructive comments. We appreciate it very much.

Regarding your first comment. The description of used methodical approach during the division of tardigrades into trophic groups together with the references is described in methods (part 2.5). We considered using of the term dominant feeding groups and trophic groups as a comparable in case of our study. However, due to the improvement

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of the comprehensibility of the text, we will unify these terms.

Regarding your second comment. We are aware that due to the limited number of analysed samples is the visualization of results by boxplots favouring a bias result. However, we considered boxplots with the visible values as a convenient and clear presentation of our results. Since our work presents a pioneer study, we took into consideration variation in results in the discussion and highlighted the need of further investigation. Nevertheless, we will consider the mentioning of the risk of used visualization in the legend of the figure.

Regarding the third comment. The r in the correlation between $\delta^{13}\text{C}$ of decarbonized cryoconite and $\delta^{13}\text{C}$ of tardigrades is 0.67. We will add this value into results.

Thank you very much once more and we will be pleased to continue the discussion if you have any further questions or concerns.

Yours sincerely,

Tereza Jaroměřská (on behalf of the other authors)

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-46>, 2020.

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