Biogeosciences
Discussions

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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The article is important to understand the role of the ecological function of invertebrates in cryoconite holes. Please, consider the following suggestions: 1. You should add a short description or reference how you assessed trophic groups of tardigrades. As a pioneer study, this information may be helpful for future research. 2. Based on visual observation of boxplots in groups, variance looks unequal between groups, it may or may not indicate heteroscedasticity. Variance in Svenn seems to be completely different in comparison to the rest of glaciers. In very low sample size it can highly bias result so it can cause Type I error using ANOVA. 3. You should consider changing this

value to a precise number p and r. Value 0.05 as a threshold is arbitrary, thus it can be important in interpreting results, it can be 0.90 or 0.06.

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