

## ***Interactive comment on “Carbon dioxide flux and net primary production of a boreal treed bog: responses to warming and water table manipulations” by T. M. Munir et al.***

**Anonymous Referee #2**

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The manuscript by Munir et al. describes many aspects of C balance in a boreal treed bog. Since the amount of carbon stored in boreal bogs are massive, messages from this study are very important to discuss the future global climate change. The methods used here are traditional and reasonable.

I have some minor suggestions;

[Fig. 3] It would be better to revise the bar diagram in order to represent the total amount of biomass of each site. Currently, the height of each bar is the same (of course it is true because your vertical axis is the "% of total"). I suggest to change the vertical axis to "biomass (kgC/m<sup>2</sup>)."

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What is the percentage composition of hummock vs. hollow? This is an important information to know, because I would like to know this composition of each site to evaluate the study design and estimate the overall carbon balance of each site (by taking weighted averages of resultant data for hummock and hollow).

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