

# ***Interactive comment on* “Bottomland hardwood forest growth and stress response to hydroclimatic variation: Evidence from dendrochronology and tree-ring $\delta^{13}\text{C}$ values” by Ajinkya G. Deshpande et al.**

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This manuscript was well constructed and I enjoyed reading it. I am always glad to see explorations of tree-ring growth and isotopes in systems that have not previously been studied using these techniques. In the attached PDF document I provide detailed comments about what, in my view, could most improve the clarity and impact of the manuscript. The outstanding request I make, that will require more substantial work, is that your calculation (and associated analyses) be switched to using a conventional big delta D13C carbon isotope discrimination rather than reporting small delta d13C

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values that were corrected with a pseudo-discrimination value.

Steve Voelker

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2020-131/bg-2020-131-RC1-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-131>, 2020.

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