

***Interactive comment on “Biodiversity and trophic ecology of hydrothermal vent fauna associated with tubeworm assemblages on the Juan de Fuca Ridge” by Yann Lelièvre et al.***

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General comments: Overall the manuscript is well written and the concepts discussed are interesting. The approach is not novel; papers have been written on the community structure and stable isotope characters of these species previously. However, the extension of this work to the concept of a ‘trophic network’ through linkages to biomass has not been done in this location previously and the perspectives it provides are interesting. Some areas of the manuscript require clarification and there are questions about some aspects of the approach. I couldn’t find the tables referenced in the manuscript: some of my concerns may be addressed by being able to evaluate these.

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Please see the attached pdf for specific and technical comments.

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2017-411/bg-2017-411-RC1-supplement.pdf>

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