

***Interactive comment on “High bacterial organic carbon uptake in the Eastern Tropical South Pacific oxygen minimum zone” by Marie Maßmig et al.***

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Received and published: 17 June 2019

The statement on lines 54-56 is a bit misleading. While it's true that Taylor et al. (2009) report higher volumetric peptidase rates in oxic waters than in anoxic waters of the Cariaco Basin, it appears this is attributable to higher particulate organic matter concentrations in oxic waters. If you refer to Figure 9 in cited paper, you will see that when peptidase activity is normalized to particulate nitrogen, it becomes indistinguishable in oxic and anoxic samples. The same is true for the other three ectohydrolases studied in the Taylor et al. (2009) paper. I think this is key to the points you raise in your current manuscript and warrants clarification.

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2019-237>, 2019.

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