

***Interactive comment on “Better molecular preservation of organic matter in an oxic than in a sulphidic depositional environment: evidence from of *Thalassiphora pelagica* (Dinoflagellata, Eocene) cysts” by Gerard J. M. Versteegh et al.***

**Gerard J. M. Versteegh et al.**

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Dear Editor,

We followed all comments and suggestions raised in the constructive review by Morgan Raven, except for the suggestion to perform additional sulphur analyses on the cysts from the Rhine Graben which is a good idea, indeed, but we consider beyond the scope of the paper.

In the attached manuscript you will find for each of the reviewers suggestions a detailed

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response.

sincerely,

Gerard Versteegh

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2019-373/bg-2019-373-AC1-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2019-373, 2019>.