

Interactive comment on “Overcalcified forms of the coccolithophore *Emiliania huxleyi* in high CO₂ waters are not pre-adapted to ocean acidification”

by Peter von Dassow et al.

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Received and published: 5 December 2017

Dear Dr. de Nooijer

We are grateful to both reviewers who were supportive of publication of our manuscript “Overcalcified forms of the coccolithophore *Emiliania huxleyi* in high CO₂ waters are not pre-adapted to ocean acidification” in Biogeosciences, but who also made very thorough comments, critically important corrections, and many useful suggested edits. We detail below our point-by-point responses (in the pdf version of this reply, submitted as a supplementary file). We propose to accept almost all of the edits proposed and changes requested by both reviewers, and in all cases we provide the further infor-

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mation, analysis, or clarification requested. We note that we have already prepared detailed information on the carbonate chemistry during experiments in response to Reviewer 2 (we refer to this information in our response to the relevant comment of Reviewer 2). This information will be included with the revised manuscript if you decide that the manuscript should advance.

In the pdf version of this reply, which we submit as a supplementary file, reviewer comments are underlined. Our point-by-point responses are in italics. In some cases, the proposed modification to the text of the manuscript (and occasionally the original text as well) are included to show the modification. In those cases, the text is not italicized, but is placed within quote marks.

Thank you very much for your consideration.

Sincerely yours,

Peter von Dassow and co-authors

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2017-303/bg-2017-303-AC1-supplement.pdf>

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2017-303>, 2017.

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