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Discussions

Interactive comment on "Effects of CO_2 perturbation on phosphorus pool sizes and uptake in a mesocosm experiment during a low productive summer season in the northern Baltic Sea" *by* M. Nausch et al.

Anonymous Referee #2

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This paper reports the (lack of) effects of ocean acidification on the microbial P-cycle in a Baltic site (is Tvärminne Northern Baltic as stated by the authors?). Reporting in an exciting manner on effect studies when there are few effects found, is always a difficult task. I fear that this leads to an under-reporting of this kind of studies with the danger that the literature exaggerates the total picture of effects. Such reports should contain enough information on the system studied to allow further analysis if other investigators come to other conclusions. The authors presentation follows in my opinion this philosophy. In addition it is a well-planned characterization of the microbial

P-cycle for the N-limited spring situation in the Baltic which makes it interesting as such. For the sole purpose of reporting the (lack of) effects on the P-cycle length could be reduced.

Interactive comment on Biogeosciences Discuss., 12, 17543, 2015.