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Interactive comment on “Effect of enhanced $p\text{CO}_2$ levels on the production of DOC and TEP in short-term bioassay experiments” by G. A. MacGilchrist et al.

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The replies to the reviewers comments have been uploaded as a pdf file. The revised manuscript with all the graphs has also been uploaded as a pdf, as has the new supplementary figure.

Figure caption for supplementary figure: Supplementary figure 1: Evolution of total bacterial abundance (cells m^{-1}) and primary production ($\text{mmol C m}^{-3} \text{d}^{-1}$) in five bioassay experiments across three time points for all $p\text{CO}_2$ treatments. Legend shows the colours and symbols used to denote the different $p\text{CO}_2$ treatments. Bacterial abundance was measured using flow cytometry (Zubkov et al., 2001). Primary

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production was measured using ^{14}C -labelled sodium bicarbonate (see Richier et al., 2014 for more details). Zubkov, M.V.; Sleigh, M.A.; Burkill, P.H.. 2001 Heterotrophic bacterial turnover along the 20°W meridian between 59°N and 37°N in July 1996. Deep-Sea Research II, 48 (4-5). 987-1001.

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/11/C1912/2014/bgd-11-C1912-2014-supplement.zip>

Interactive comment on Biogeosciences Discuss., 11, 3701, 2014.

BGD

11, C1912–C1914, 2014

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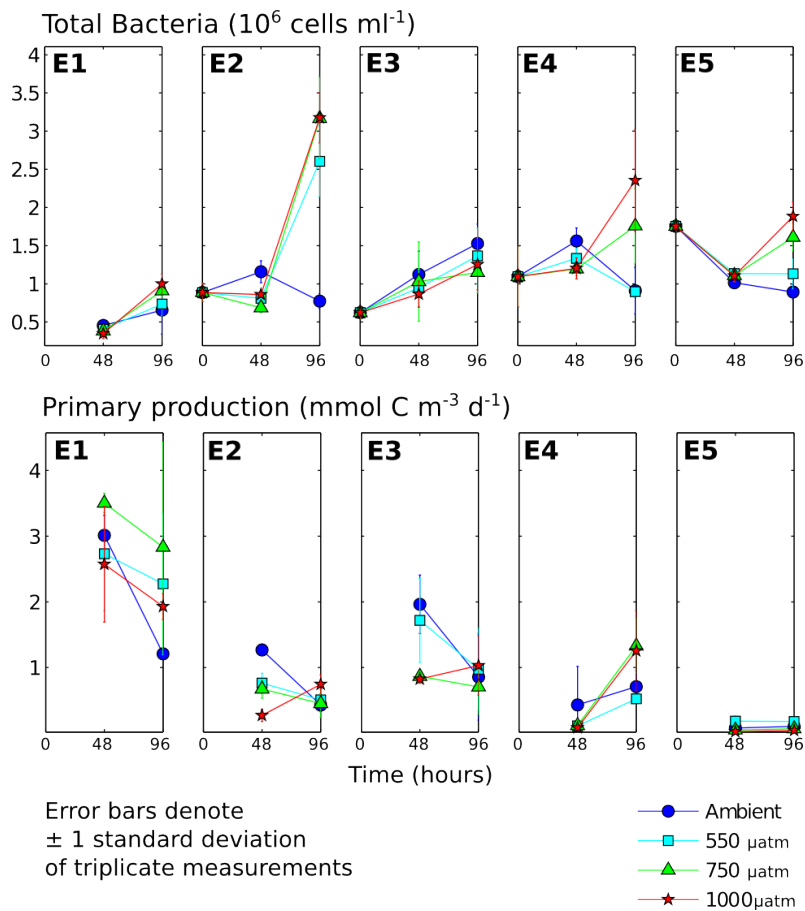


Fig. 1.

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