

Biogeosciences Discuss., author comment AC1  
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## Reply on RC1

Elliott L. Price et al.

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Author comment on "Sensitivity of plankton assemblages to hydroclimate variability in the Barents Sea" by Elliott L. Price et al., Biogeosciences Discuss.,  
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Thank you for your response. We do not fully agree with your statement that all considerations on consequences on the polar food web are invalid based on the presence of north Atlantic water masses and organisms. We agree that there is considerable influence of the North Atlantic in this region, but it is also exposed to polar conditions, such as the polar night and 24-hr day light in the summer, meaning that organisms that are advected into the system from the north Atlantic are still influenced by these primarily polar phenomenon. We believe defining this region as Atlantic, as you suggested, when it is subject to the polar night and polar summer is misleading. We will, however, adjust the language throughout the MS to state that the region is a subarctic region, and that the impacts we identify do not correspond to high and central arctic systems.