

## ***Interactive comment on “Reconstructing Holocene temperature and salinity variations in the western Baltic Sea region: A multi-proxy comparison from the Little Belt (IODP Expedition 347, Site M0059)” by Ulrich Kotthoff et al.***

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Received and published: 10 May 2017

This paper compares and uses the signals provided by multiple biogenic proxies to interpret the hydrologic evolution in the western Baltic Sea region during the past 8000 years. Inter-comparison of the proxy-data and quantitative reconstructions allow for robust reconstructions and time constraint of the major regional hydrological transitions (salinity and temperature). This paper is a good contribution and I suggest it is accepted with minor modifications. I kindly refer to the attached pdf (supplement) for more detailed comments and suggestions.

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Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/bg-2017-101/bg-2017-101-RC2-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2017-101, 2017.

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