

***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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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-SC1-supplement.pdf>

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