

Interactive comment on “Characterization of particulate organic matter in the Lena River Delta and adjacent nearshore zone, NE Siberia – Part 2: Radiocarbon inventories” by M. Winterfeld and G. Mollenhauer

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Received and published: 2 February 2015

To the editors and reviewers

We greatly appreciate the constructive and helpful comments and criticisms by two anonymous reviewers. All comments were carefully considered and almost all suggestions will be incorporated in the revised version of the manuscript. We also thank the associate editor Naohiko Ohkouchi for handling the manuscript. Moreover, we would like to add Thomas Laepple from the Alfred Wegener Institute, Helmholtz Center for Po-

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lar and Marine Research in Potsdam, Germany, to the list of co-authors. He provides the dual-carbon-isotope simulation suggested by reviewer 2 and contributes to the discussion of the results. An overview of the changes made can be found in the attached pdf file (below). In those cases where we chose not to follow specific recommendations for alteration, we present further arguments supporting our approach.

Sincerely, Maria Winterfeld

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/11/C8479/2015/bgd-11-C8479-2015-supplement.pdf>

Interactive comment on Biogeosciences Discuss., 11, 14413, 2014.

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