

***Interactive comment on “Sedimentary ancient DNA and pollen reveal the composition of plant organic matter in Late Quaternary permafrost sediments of the Buor Khaya Peninsula (north-eastern Siberia)” by Heike Hildegard Zimmermann et al.***

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Received and published: 12 December 2016

We would like to thank Dr. Rivkina for reviewing our manuscript and her suggestions. Below we reply to all recommendations.

Page 6, line 23-24 The DNA samples were stored at -20°C and the pollen samples were stored at 4°C. Recommended: The subsample for following sedaDNA and pollen analysis were stored at -20°C and 4°C, respectively.

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Thank you for your recommendation. We feel that this reduces the clarity of the sentence. But we will shorten and rephrase the sentence to: “The DNA samples were stored at -20°C and the pollen samples at 4°C.”

Page 6, line 24-25 In total, 54 samples were drilled (approximately 3 to 4 samples per metre) for each kind of analysis. Recommended: meter

Thank you for this suggestion. Before we submitted the manuscript it went through a language correction in which meter was changed to metre for language consistency (British English). Therefore, we will leave it at metre.

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Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2016-386, 2016.

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