

Interactive comment on “Vegetation responses to interglacial warming in the Arctic, examples from Lake El’gygytgyn, northeast Siberia” by A. V. Lozhkin and P. M. Anderson

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“Vegetation responses to interglacial warming in the Arctic, examples from Lake El’gygytgyn, northeast Siberia”

Response to Referee #2

Thank you for your thoughtful comments and positive support of this research. We appreciate the interesting points you raised, which have helped to improve the original manuscript. Per your request we have added information in “Methods” on how analogs were chosen for the climate reconstructions. We also clarified the choice of MIS11 and MIS31 in the abstract. Although not specifically stated, those 2 intervals were selected

C113

as times of focus in a meeting of researchers involved in the Lake El’gygytgyn studies at a workshop in Amherst, Massachusetts. It was decided to look in more detail at the “super” interglaciations as points of contrast to other warm intervals. We are now completing counts on MIS7 and MIS9 (as well as fleshing out the remainder of the record), which initially seemed to resemble more closely interstadial as opposed to full interglacial assemblages.

Interactive comment on Clim. Past Discuss., 9, 245, 2013.