

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

J. Brigham-Grette (Editor)

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Dear Dr. Anderson and Professor Lozhkin,

You now have 2 reviews on your paper cp2012-132 and both are very positive about publication with minor revisions. Both reviewers comment on the need to outline why these interglacials were highlighted – you have some of that in there but may need it in the abstract as well. Reviewer #1 also has very good comments on some of the interpretation you should consider.

Please note the protocols for the volume with regards to the site location and name of the long cores from lake El’gygytgyn. Figure captions should be clear what cores were

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used for these compilations PG-cores, LZ-cores or ICDP cores (ICDP 5011, not D1) etc.

Common Usage Rules for all Manuscripts: The editors would like to ensure that all authors are using a common reference framework for the discussion of Lake El'gygytyn. Therefore we ask that everyone use the following terms of reference:

Lake Coordinates = 67° 30' N, 172° 5' E

Lake Core Name = ICDP site 5011 (5011-1A, 5011-1B, 5011-1)

Lake Core Coordinates = 67.499700 lat, 172.103940 Long. (or 67° 29.98' N, 172° 6.23' E)

Permafrost Core Name = ICDP site 5011-3A

Permafrost Core Coordinates = 76.485000 lat; 171.945000 Long. (or 76° 29.1' N, 171° 56.7' E)

Crater Age = 3.58 +/- 0.04 Ma (Layer, 2000)

Layer, P.W. (2000) Argon-40/argon-39 age of the El'gygytyn impact event, Chukotka, Russia, Meteoritics and Planetary Science, v 35, 591-599.

Crater Diameter = 18 km

Lake Diameter = 12 km

Lake depth = 175 m

Name of the Lake = Lake El'gygytyn, or El'gygytyn Crater Lake

Name of the region = Far East Russian Arctic (not Eastern Siberia)

Authorship: Note that you are now NOT required to add "and El'gygytyn Scientific Party" to the end of your author list. We have decided this is probably not necessary at this stage.

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Any additional notes to your acknowledgements are up to you.

I look forward to hearing from you.....Julie Brigham-Grette (guest editor)

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

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