

Interactive comment on “Predicting Pleistocene climate from vegetation” by C. Loehle

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Please see comments to reviewer 1 for general discussion of issues.

It is stated that a better discussion of geologic features would be useful, but I feel that I clearly stated what type of features would be found in a periglacial/tundra environment. I did try to clarify what the lack of these features means. While it is stated that “It also seems that somewhere an attempt has been made to define the extent of the boreal zone, based on the soils and sedimentary evidence alone” I have been unable to find such a publication.

It is stated that CO₂ can affect pollen production. I added a note about this.

It is stated that CO₂ effects can not be defined by broad species types. There is a certain level of statement that can be made based on how plant stomates respond to drought stress and low CO₂, and this does seem to be general across types. This level of detail is sufficient for some of the points I was making. More detailed simulations

would need experimental data on individual species, as I state in the revised ms.

Interactive comment on Clim. Past Discuss., 2, 979, 2006.

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2, S706–S707, 2006

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