

Interactive comment on “Maximum growing season temperature in Western Europe: multi proxy reconstructions in Fontainebleau from 1596 to 2000” by N. Etien et al.

J. Guiot (Editor)

guiot@cerege.fr

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I think that your paper presents interesting methodology and good new results which should be published. But the paper too long, with a structure difficult to follow (this is said by both reviewers). The abstract needs also to be rewritten. Reviewer #1 makes enough detailed comments to help you to improve the form of the paper, while reviewer #3 and J. Luterbacher gives specific comments which will help you to improve and/or clarify some methodological points. I encourage you to read them carefully and to explain in a separate sheet how you have taken into account these comments. Evidently you may disagree on some remarks and then give your arguments. In revising the

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paper, you should remove all what is not really necessary for understanding the main story. As this paper follows another paper submitted to Climatic Change, you should avoid to give too many details on the way to obtain the samples and the isotopic curves.

In particular, I would like to have more explanations on the quantification of the uncertainties: what source of uncertainties is really included (see comment 12 of rev#3 and end of page S788 of Luterbacher). An uncertainty of 0.55°C is certainly underestimated in comparison with a r^2 of 50%. In relation with point 21 of rev#3, be sure that you discuss only the significant peaks of the spectral analyses. It is difficult, for the reader, to decide what is significant when only bandwidth is given. It is also requested that you extend your comparison with other grape harvest data from Switzerland and other temperature reconstructions.

I think that most of the comments may be addressed relatively easily. The most important work will be in the rewriting of the paper in a way that it will be simplified. English needs also to be corrected.

Interactive comment on Clim. Past Discuss., 3, 1063, 2007.

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