

***Interactive comment on “Northern Hemisphere
temperature patterns in the last 12 centuries” by
F. C. Ljungqvist et al.***

C. Loehle

craigloehl@aol.com

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When combining proxies, it is important to consider effects of error. Both dating error and measurement error will tend to smear the apparent peaks of a timeseries, but recent data will have less of both types of error. This will make recent rates of change and/or peak magnitudes seem faster/higher. See my ms below for details. This only affects some of the discussion really, not the paper as a whole. Loehle, C. 2005. Estimating Climatic Timeseries from Multi-Site Data Afflicted with Dating Error. *Mathematical Geology* 37:127-140

Interactive comment on Clim. Past Discuss., 7, 3349, 2011.