

## ***Interactive comment on “Millennial temperature reconstruction intercomparison and evaluation” by M. N. Juckes et al.***

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Dear Authors

I hope you can see your way to amplifying on the following points, in order to further understand the paper?

1 In a Millenial reconstruction, it would be helpfull to know how many data points were available for each measured time period over the thousand years. Fig 2 indicates that the number in the early years may be quite small.

2 How much recent data is there? Does the sampling end in 1980, 26 years ago?

3 Although Climate Models are mentioned, there are no references to any climate

model that has accurately predicted temperature, are any available?

4 Appendix A2 says that "This method starts out from the hypothesis that different proxies represent different parts of the globe", but there are no correlations shown to local temperature see Table 1 and 2. Has any test been done to see if the Proxies correlate well with local temperatures. Is any local temperature data and correlation available?

5 What is the justification for including low correlation proxies listed in Table 1?

6 Although Table 2 shows a cross correlation between different data bases, there is no cross correlation between individual proxies. Do the various Proxies correlate well with each other in the non instrumental temperature period?

Thanks in advance for your consideration.

Mark Rostron

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Interactive comment on Clim. Past Discuss., 2, 1001, 2006.

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