

## ***Interactive comment on “The last 7 millennia of vegetation and climate changes at Lago di Pergusa (central Sicily, Italy)” by L. Sadori et al.***

### **Anonymous Referee #3**

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This interesting paper which proves again that two cores are better than one must be published. I have nevertheless some questions and suggestions

1/ page 1 line 27 Paleolithic better than prehistory.

2/ p2 line 7: it will be of a great interest to compare this record with historical data; but historians are trained to use an AD : could the two chronologies appear?

3/ the lithology is poorly described and the comparisons with the lithology of PRG1 not discussed it could be useful for correlation? The depth below the water table in the two cores are not mentioned.

4/ In 5.1 the correlation between the pollen diagrams from PRG1 and PG2 could be explained in more details. It is probably obvious for the authors but for instance at-

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tribute a different design to the two horizontal lines in the two diagrams could help. Do the authors consider the oak maxi (PZ3b in PG2 ) and dated 2420 in PGR1 are contemporaneous. If such a case 75-30 in PRG1 = 50-400 in PG2.

5/ p10, l. 22: I do not understand “temperature decrease”, it is not pertinent at this latitude.

6/ p. 12, lines 15-19: please clarify: what do you mean?

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Interactive comment on Clim. Past Discuss., 9, 2059, 2013.