

## Referee Comment

Dear Editor of Climate of the Past Natascha Töpfer

Journal: CP

Title: Late Holocene summer temperatures in the central Andes reconstructed from the sediments of high-elevation Laguna Chepical, Chile (32°S)

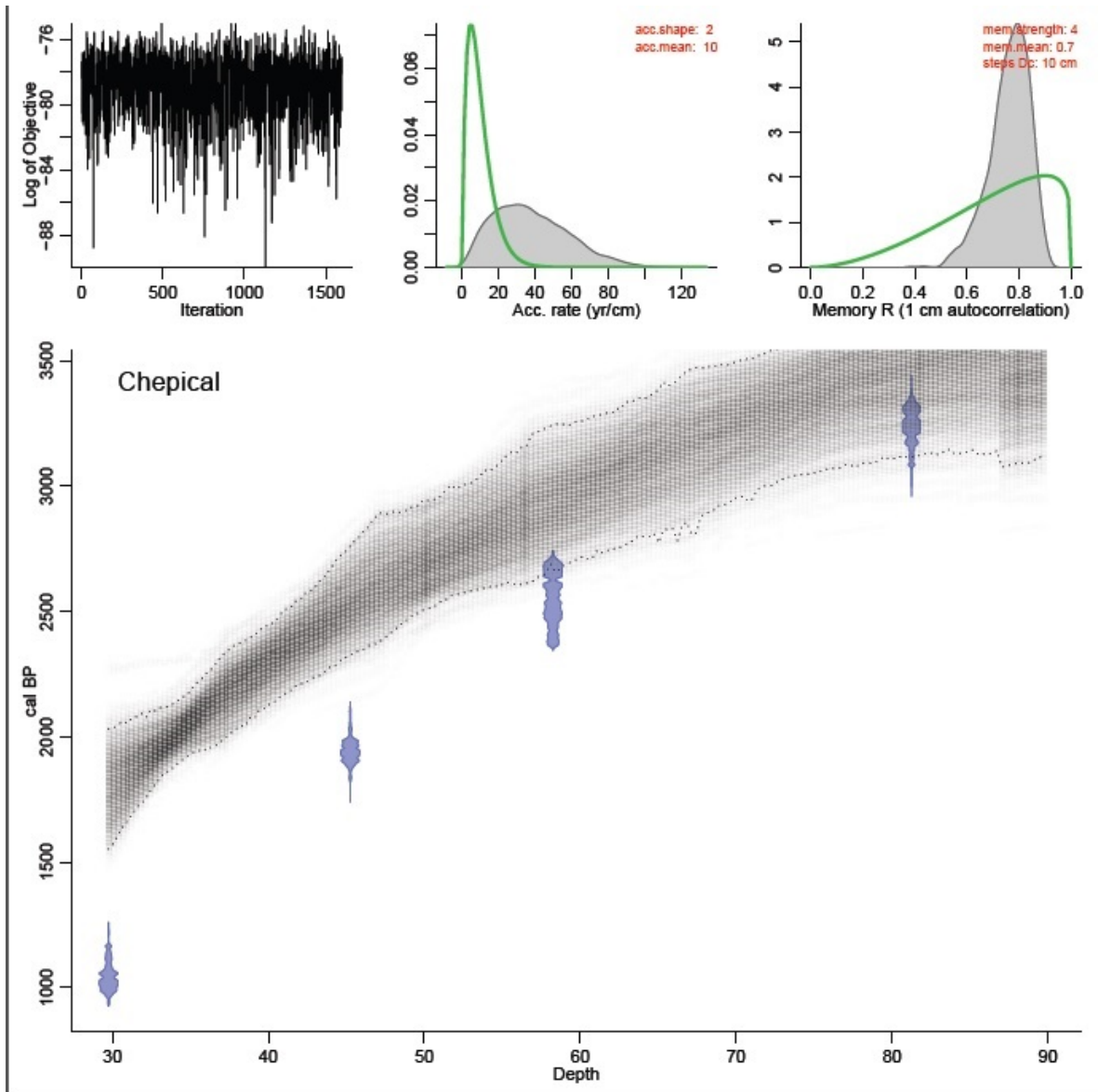
Author(s): R. de Jong et al.

MS No.: cp-2013-48

MS Type: Research Article

This paper provides new and valuable Paleoenvironmental data for Laguna Chepical and therefore has the potential for making a good contribution to the knowledge of the temperature reconstructions for the Late Holocene of South America.

However the age model does not provide good curve (see the graphic bellow). It would be better to reproduce de age model with new better dates.



This manuscript has been very well written. Besides there are technical/typing errors:

Page 2281

Line17: is not Fig. 1c

Line25: the cite ([www.mineria.gov.ar](http://www.mineria.gov.ar)) is not in the references

Page 2283

Line18: Trachel et al, 2008 is not in the references

Page 2284

Line10: Appleby, 2001 is not in the references

Line24: word model is repeated

Page 2285

Line19: incomplete cite: and Conslink

Page 2303

Fig.1

c) Is lake bathymetry

Page 2305

Fig.3

Correct: visible range are

## Manuscript Evaluation Criteria

Principal Criteria	Excellent (1)	Good (2)	Fair (3)	Poor (4)
<b>Scientific Significance:</b> Does the manuscript represent a substantial contribution to scientific progress within the scope of Climate of the Past (substantial new concepts, ideas, methods, or data)?	1			
<b>Scientific Quality:</b> Are the scientific approach and applied methods valid? Are the results discussed in an appropriate and balanced way (consideration of related work, including appropriate references)?	1			
<b>Presentation Quality:</b> Are the scientific results and conclusions presented in a clear, concise, and well-structured way (number and quality of figures/tables,	1			

<b>Principal Criteria</b>	<b>Excellent (1)</b>	<b>Good (2)</b>	<b>Fair (3)</b>	<b>Poor (4)</b>
appropriate use of English language)?				