**Response to the Editor:**

**Editor Decision: Publish subject to technical corrections** (02 May 2017) by Nathalie Combourieu Nebout
Comments to the Author:
Dear Authors,

Thank you for your new manuscript.
You have corrected your manuscript according to my last remarks.

Just a final point concerning the figures. As I already said before, there is definitively too little characters on all the figures. Take care on the character size on all Figures and color of the characters on the Figure 1 (white characters on the map are partly unreadable, same problem with all the names). I noted some other things on Figure 1 and 3 (corrected in the revised versions) but the same size problem exists also on figure 2 and others.
**Response:** Ok, we redrew all the figures, and used bigger characters for the names and legends.

please take care on the references, some of them are uncompleted especially the journal name : see "Palaeogeogr, Palaeocl."?? I suppose it corresponds to "Palaeogeogr. Palaeoclimatol. Palaeoecol."
So take care to that before sending your manuscript for publication.
**Response:** We verified the bibliography again. Yes, “Palaeogeogr, Palaeocl.” corresponds to "Palaeogeography, Palaeoclimatology, Palaeoecology”. We looked up abbreviation of "Palaeogeography, Palaeoclimatology, Palaeoecology” and made sure that its abbreviation was “Palaeogeogr, Palaeocl.”.

Thank you for publishing your research in Climate of the Past

With my best regards
Nathalie Combourieu-Nebout

Non-public comments to the Author:
Dear Authors,
It is not necessary to cite my name in the acknowledgements. Please thank only the reviewers.

Thank you
best regards
Nathalie Combourieu-Nebout

**Response:** Ok, we delete your name in the acknowledgements. However, we thank you very much for your careful observation, detailed comments and selfless help. Your comments strongly improve the quality of our paper. Thanks again.