

Answer to Editor Prof. Appy Sluijs

Thanks to Editor for his comments and suggestions referring the manuscript CP-2015-113 entitled "Palaeoclimatic oscillations in the Pliensbachian (Lower Jurassic) of the Asturian Basin (Northern Spain)". Together with the valuable comments and suggestions received from the three anonymous referees, have contributed to substantial improvement of the manuscript.

At this respect, attached please find the document "Gomez et al TEXT Corrected Changes Marked_5and Figs". The pdf file contains the text, after minor corrections suggested by Editor, marked in red colour.

We assume that all the requirements pointed by Editor and Referees have been accomplished, but if any additional modification or clarification is required please do not hesitate to contact us at your earliest convenience.

We are looking forward to receiving your opinion on the revised manuscript.

Line 31. "normal" temperature interval has been rephrased.

Line 405. figure has been replaced with Figure

Line 454. approximately has been replaced with approximately

Lines 496-497. A new phrase has been introduced: "In addition, estimates of the mantle degassing based on the fit between the length of the subduction zones through time and the atmospheric CO₂ levels (Van Der Meer et al., 2014), taking into account the standard GEOCARSO₂ degassing parameters (Berner, 2006), suggests that plate tectonics has exerted a fundamental role in the control on the climatic system of the Earth."