## Minor corrections to be considered

Page and line numbers refer to cp-2018-180-manuscript-version4

Page 1, line 16: This dual focus is referred to....

Page 2, line 9: Focus is given to...

Page 5, line 5: imposed on...

Page 5, line 29: Would it be better to say '...accompanied by 4 experiments using modern day geography' as pre-industrial refers strictly to 280ppm CO<sub>2</sub>?

Page 8, line 8: The second comma needs to be changed to either a semi-colon, a full stop or a dash.

Page 12, line 14: Gulf Stream needs to be capitalised for consistency, and a new sentence should start after the word 'path'.

Page 12, line 30: ... is largely ice free and the ice that is present has mostly a concentration of below 50%.

Page 13, line 15: ...which is attributed to the Pliocene...

Page 13, line 25: ... in the Pliocene experiments...

Page 14, line 12: and  $E^{280}$  here.

Page 14, lines 15 and 27: 'Subantarctic' appears to be the form most widely used, although as long as the authors are consistent, 'Sub-Antarctic' should also be fine.

Page 14, line 27: ... is observed whereby the...

Page 15, line 3: to a different choice of...

Page 16, line 15: in the pre-industrial, with the variation...