

# ***Interactive comment on “Paleobotanical proxies for early Eocene climates and ecosystems in northern North America from mid to high latitudes” by Christopher K. West et al.***

**Christopher K. West et al.**

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We thank Suzanne Leroy for her review and supportive comments on our manuscript. Below we respond to Dr Leroy's comments.

1. Comments to the text Line 149 and others: in calls to fig. 1, precise if A, B, C or D

Author reply: Thank-you for directing our attention to the need to have more specificity in our figure calls, this will be corrected.

2. Lines 297, 301, and others: between xx and xx. Make sure to add an “and”.

Author reply: Thank you for the suggestion; however, we followed the Instructions to

Authors for Climate of the Past that directs authors to use the en dash for ranges of values, e.g. “En dashes are used to indicate, among other things, … ranges (e.g. 12–20 months), …”.

3. Line 44, and others: from xx to xx

Author reply: Please see our response above.

4. Section 4.1: Write a sentence to remind us why you believe the ensemble is better than the two other methods.

Author reply: The ensemble approach combines all of the proxies. We will add a sentence where indicated to reiterate the improvement the ensemble (of all the proxies) provides over the individual proxies.

5. Comments to the figures and tables Fig. 2 caption: explain abbreviations such as Mbr and Fm (no full stop at the end as it is a contraction, not an abbreviation) Fig. 2: Give units to vertical axis and 3rd column.

Author reply: Thank you for spotting these minor oversights; we will correct the absence of units on figure 2 and explain the abbreviations in the figure caption.

6. Fig. 3: it would help the reader if you could plot on a map the locations of the met stations used here.

Author reply: We will add an inset map of North America to the figure to address this.

7. Fig. 4B: it is too small, think of making it full page width

Author reply: We will edit figure 4 in order to make 4B larger and more readable.

8. Table 1: give units to latitude, i.e. N° Table 2 caption: explain abbreviations: WA, BC, AL, NU

Author reply: We will add the units for the latitude entries in the table and add the meanings of the abbreviations to the Table caption.

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