

## ***Interactive comment on “Dinocyst assemblage constraints oceanographic and atmospheric processes in the Eastern Equatorial Atlantic over the last 44 ka” by William Hardy et al.***

**William Hardy et al.**

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Received and published: 6 July 2016

Dear reviewer,

Thanks for your positive comments, please find attached all the fixed figure with better contrasted colours.

Here follow our responses (we added these answers in .pdf file in supplement)

"The axes of both Ti/Ca diagrams are drafted in pale grey, which is barely visible on the electronic version, much less on the printed copy. They should be changed to black."

We checked it and all lines of diagrams are drawn in black. We use Adobe Illustrator

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and it does not find any lines in pale grey. This is probably a visual default resulting from the exportation.

"It is a very colorful figure but some colors are inadequate: pale blue, pinkish, yellow and lime green over a white background are not legible. Please use more contrasted colors."

"The taxon cyst of *Polykrikos schwartzii* is considered here as "hypersaline", despite the fact that Marret and Zonneveld (2003, p. 91) illustrate it as ranging between salinities of ~33 and ~36.5, with maximum abundances around 34.5-35. I do not consider this as "hypersaline". Also, the time period when *P. schwartzii* is abundant corresponds with the consistent presence of freshwater algae (figure 6), although in low concentrations. Could the authors elaborate on that?"

This was indeed a mistake that we fixed.

"Same comment as for figure 4 regarding the choice of colours."

Also fixed.

Sincerely yours

William Hardy and co-authors

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/bg-2016-148/bg-2016-148-AC1-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2016-148, 2016.

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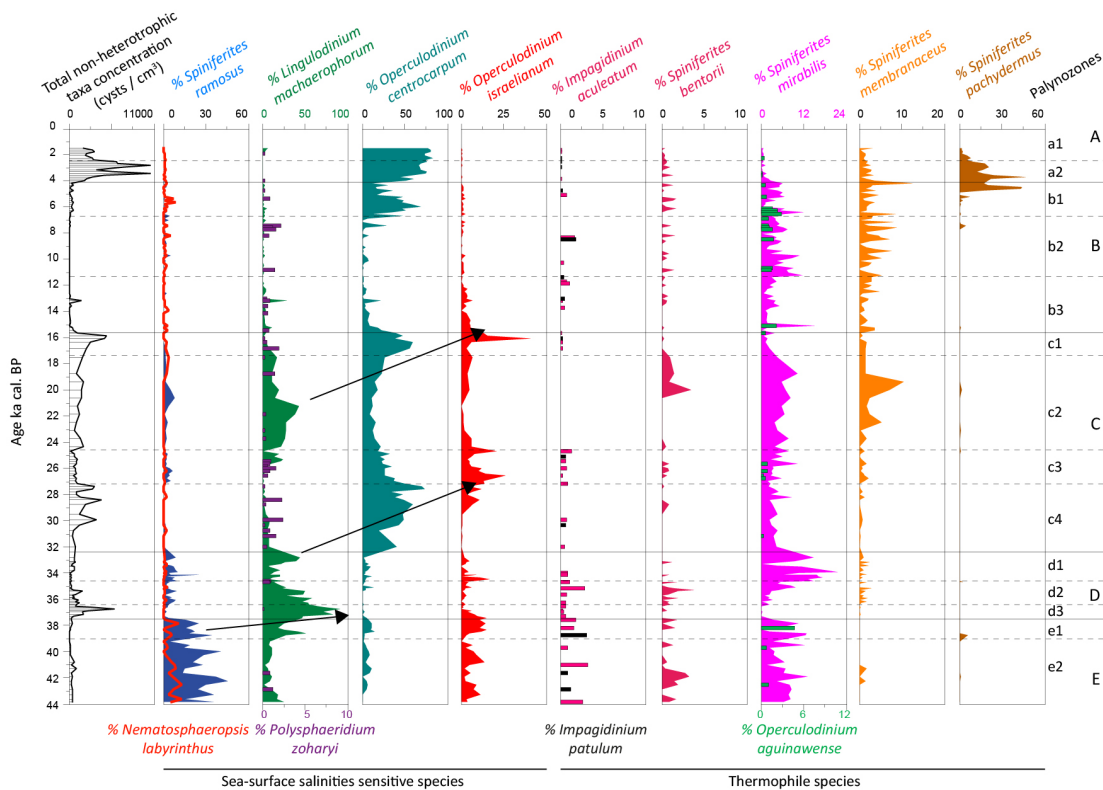


Fig. 1.

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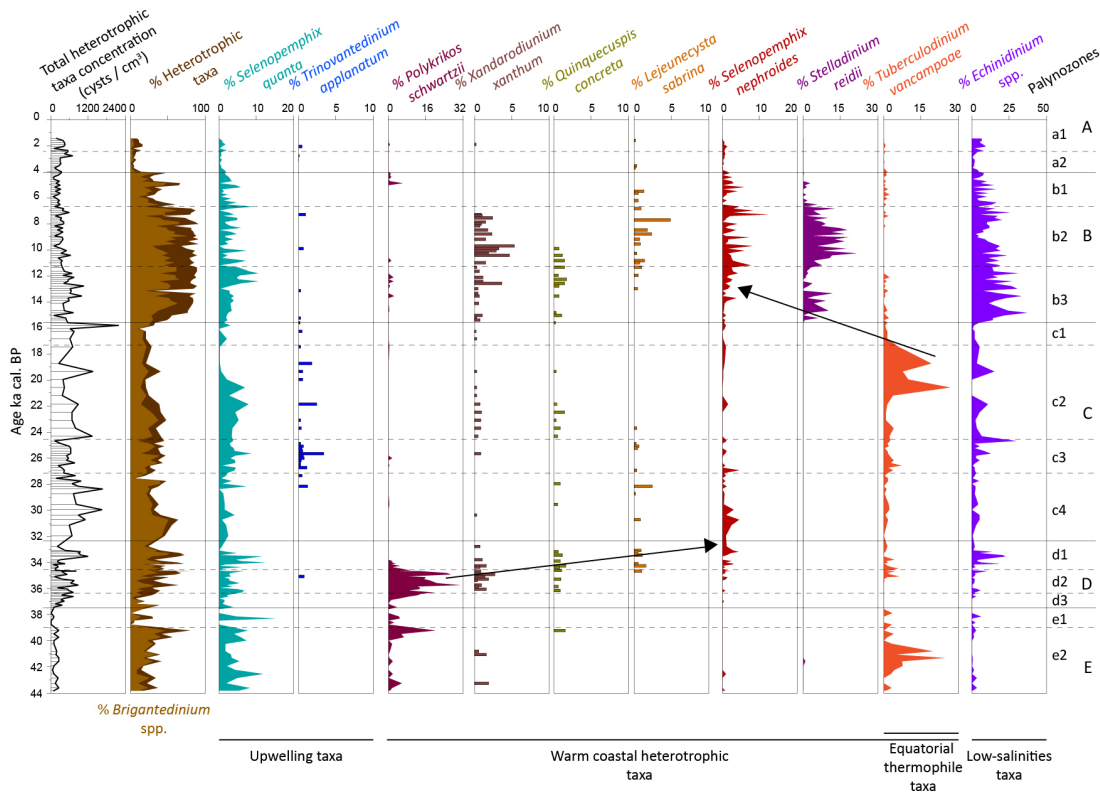


Fig. 2.

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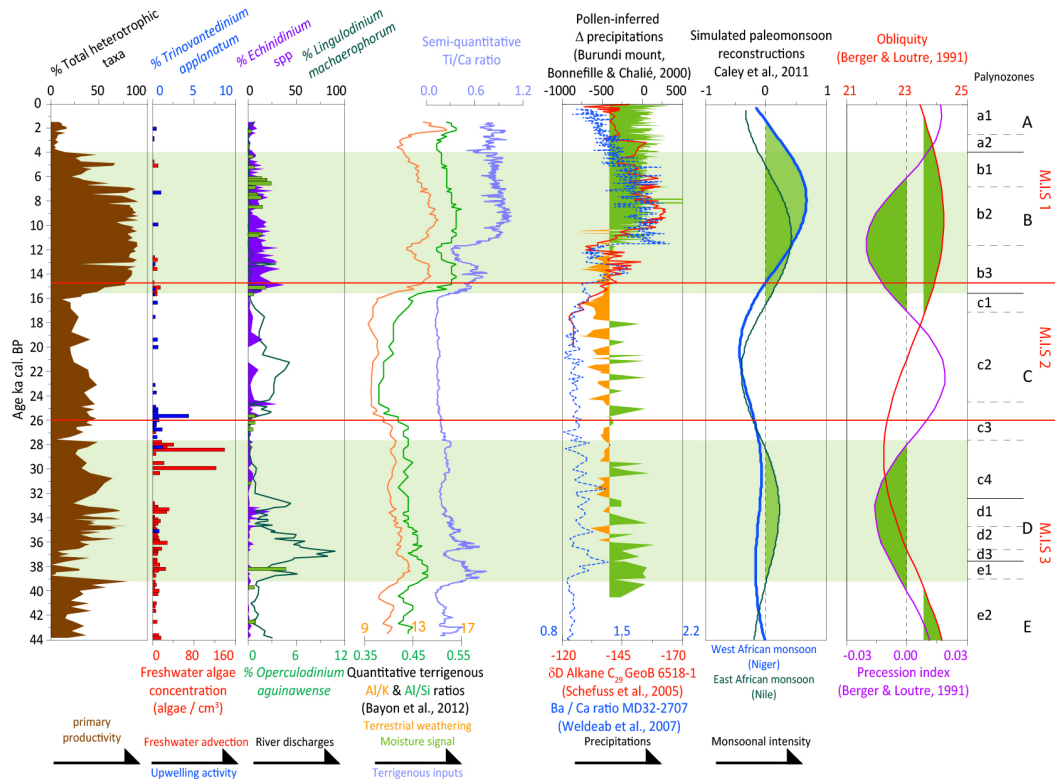


Fig. 3.

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