

Interactive comment on “Seemingly divergent sea surface temperature proxy records in the central Mediterranean during the last deglacial” by M.-A. Sicre et al.

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Dear Marie -Alexandrine,

We have now received the comments of two referees. Both reviews underline the importance and the high interest of your results on the core MD 90-917.

However, they recommend some revisions before the publication in CP. thus, they provide detailed remarks and interesting suggestions about your manuscript which have to be very carefully considered. Particularly, they ask you to discuss both the alkenones and foraminifers SST data in terms of seasonality. They both underline that if alkenones may express changes in seasonality, you must not exclude that there may be also sea-

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sonal behavior of foraminifers that may be expressed also through SST values as well as for alkenones. The same remarks are done about the uncertainties that exist for both two records. Thus the shifts between the two records may be due to both faunal seasonal responses and you have to moderate or to justify more your interpretations of shifts between alkenone and foraminifer SST records.

They suggest also few improvements to refine and simplify the text as well as important suggestions requested in order to clarify the pictures which appear slightly confusing for the reader (see reviewers remarks) especially with regards of colors used and superposition of records (see also the grey bars that hide the curves in one of your figures). Please, take very carefully into account the referees's comments and suggestions and then revise the manuscript accordingly. This will improve your paper before submitting a revised version to CP.

With by best regards

Nathalie Combourieu-Nebout

Interactive comment on Clim. Past Discuss., 9, 683, 2013.

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