

New evidence of millennial-scale climate variability during the peak warm interval of Marine Isotope Stage (MIS) 9

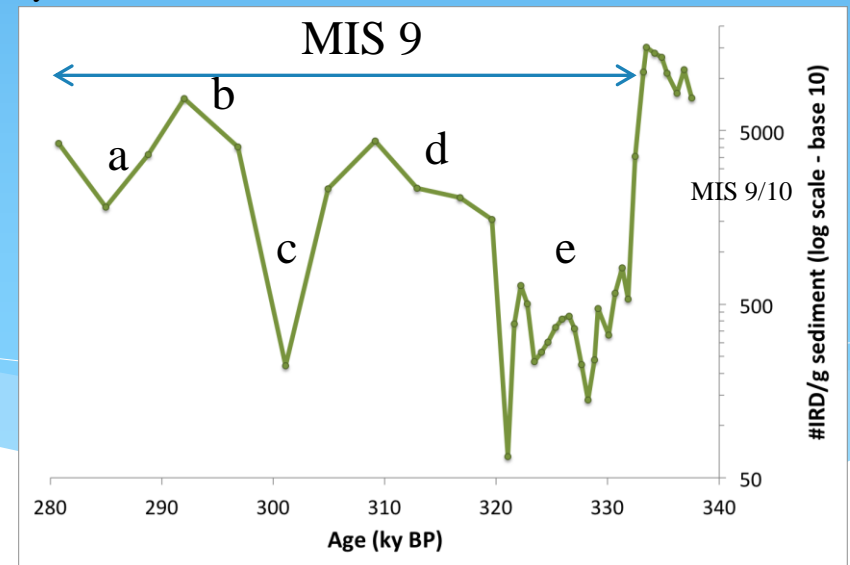
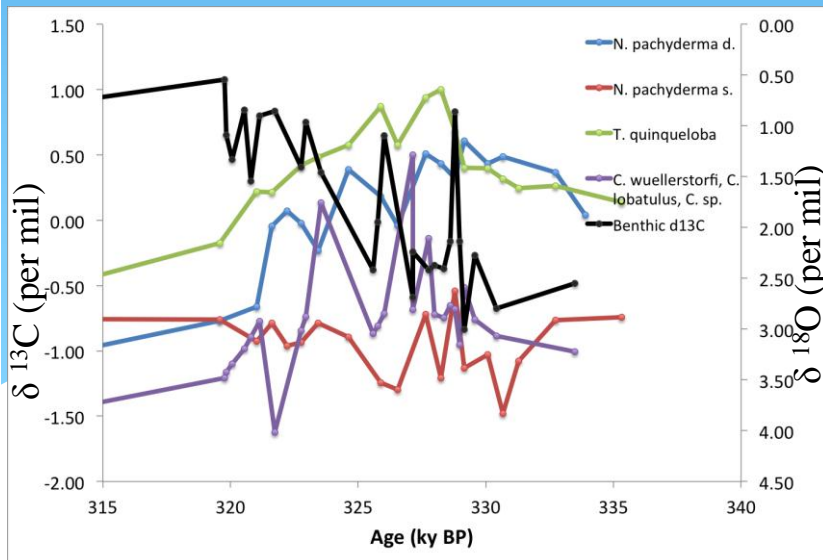
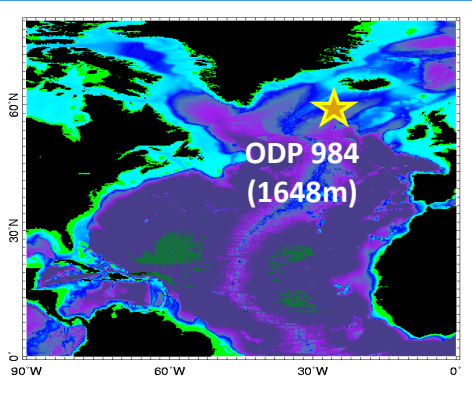
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Question: Is the peak warm interval MIS 9e characterized by millennial-scale climate variation?

Results:

- Oxygen isotope data from planktic and benthic foraminifera show climatic variability on a millennial scale during MIS 9e related to paleo-oceanic variations of sea-water column.
- $\delta^{13}\text{C}$ shows millennial variability during MIS 9e indicating changes in North Atlantic deep water current.
- IRD abundances define five substages in MIS 9 as well as the age limit for the MIS 9/10 boundary.

Foraminifera & Ice-Rafted Debris



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