

## ***Interactive comment on “A late Holocene pollen and climate record from Lake Yoa, northern Chad” by A.-M. Lézine et al.***

**A.-M. Lézine et al.**

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Received and published: 11 October 2011

Your article is interesting and provides new high resolution data for the late Holocene in northern Africa. However, regarding the discussion, i feel that there are some important references missing, which are on the same topic in the studied region and which could improve the discussion in some parts. Gasse, F;Van Campo, E, 1994, Abrupt post-glacial climate events in West Asia and North Africa monsoon domains, Earth and Planetary Science Letters, 126, 435-456. Gasse, F, 2000, Hydrological changes in the last African tropics since the Last Glacial Maximum, Quaternary Science reviews, 19, 189-211.

Reply: Gasse (2000) has been added. We acknowledge the immense contribution of F. Gasse such as that of numerous other authors (N. Petit-Maire, H. Faure among others)

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to the knowledge of paleoenvironment and paleoclimate evolution of the Sahara. These authors have been extensively cited in a recent synthesis published in "Quaternary Science Reviews" (Lézine et al., 2011). Our article here discusses specific points emerging from the pollen content of the Lake Yoa 6000yrs-long sedimentary sequence, in particular the possible links between the evaluation of the vegetation and climate characteristics provided by climate simulations. We therefore only focused on the most relevant references.

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Interactive comment on Clim. Past Discuss., 7, 2413, 2011.

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