

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

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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.

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