

Interactive comment on “Holocene Asian monsoon evolution revealed by a pollen record from an alpine lake on the southeastern margin of the Qinghai-Tibetan Plateau, China” by E. Zhang et al.

Anonymous Referee #1

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This paper describes pollen analyses for a high resolution and precisely dated sediment core from Wuxu Lake, southwestern China, with the goal of reconstructing vegetation changes in this area and depicting the variations of the East Asian winter monsoon (EAWM) and the Indian summer monsoon (ISM) over the last 12.3 ka. It is an interesting paper concerning a topic of quite wide interest in paleoclimate circles. The data are highly valuable, and the figures are clear and relevant. I would recommend a minor revision.

Suggestions 1) Line 4, p4755, add the altitude of Wuxu lake

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2) 5.3.2 Structure of the Holocene climatic optimum It would be better if the authors could shorten the first paragraph (from line 25, p4766 to line 11, p4768). As the authors argued that Wuxu Lake experienced a prolonged Holocene optimum from 10.4 to 4.9 ka, with a relatively cold pulse between 8.2 and 6.6 ka, this paragraph should start with this structure of the Holocene optimum so that readers can follow easily.

Interactive comment on Clim. Past Discuss., 11, 4751, 2015.