

## ***Interactive comment on “Middle Miocene climate of southwestern Anatolia from multiple botanical proxies” by Johannes M. Bouchal et al.***

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Received and published: 9 August 2018

The manuscript submitted by Bouchal et al. is of very high quality. I fully agree with the methods and conclusions. This will be a very useful paper on the mid-Miocene climate change according to floras in the Eastern Mediterranean. I have just two suggestions: - the nearby Catakbagyaka Langhian pollen flora of (Jiménez-Moreno, 2005 - phd thesis pp. 109 and 212) should be used in the discussion because it contains several mega or mega-mesothermal taxa and 20 to 50% of herbs; - the herbs are often under-evaluated in pollen records that causes a significant bias to the ratio 'arboreal taxa/non-arboreal taxa' (see: Favre et al., 2011, Review of Palaeobotany and Palynology, 148, 13-35).

Minor comments: - Beerling & Royer (2011) and Mai (1995) are not in the Reference

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list; - I do not understand the reference to 'table S1' on lines 55 and 407.

Dr. Jean-Pierre Suc.

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Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2018-76>, 2018.

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