

***Interactive comment on “Transpiration of montane
Pinus sylvestris L. and *Quercus pubescens* Willd.
forest stands measured with sap flow sensors in
NE Spain” by R. Poyatos et al.***

G. de Rooij (Editor)

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spiration of montane *Pinus sylvestris* L. and *Quercus pubescens* Willd. forest stands
measured with sap flow sensors in NE Spain. Author(s): R. Poyatos, P. Llorens, and F.
Gallart

Dear Dr. Poyatos,

Two reviewers have commented on your manuscript and raised only minor concerns.
Based on their judgement and my own reading I kindly request you to make minor
revisions to your paper before resubmitting it to HESS to be included in the journal as
a peer-reviewed publication.

Your replies to Dr. Granier's comments were interesting and clarifying. Please try to weave in the main points of your discussion with Dr. Granier into the revised manuscript.

I have a few editorial comments that I kindly ask you to consider in the revision: - the reviewers have not checked the reference list for consistency with the citations in the text. If you have not already done so, please perform this check.

- 'climacic': Do you mean 'climactic'? (Occurs at various places in the text.
- p.1014 , l. 18: have -> has
- p.1016, l. 8: Is the upper or the lower probe heated? From your description it seems that it makes more sense to heat the lower probe.
- p.1016, l. 20: these -> this
- p. 1016, l. 21 and Table 1: breast height: please give approximate height in meters
- p. 1017, l. 6: 'has been'-> was (occurs twice)
- Section 2.5. Did you have enough trees for a diametric class stratification?
- p.1024, l. 4: 'error measurements' -> measurement errors
- p. 1024, l. 6: refused -> rejected
- p.1025, l. 24: 'soil water balance in the upper 30 cm' -> the soil water balance of the upper 30 cm'
- p. 1025, l. 24 and p. 1026, l. 26: Do the trees in this arid environment really extract water mainly from the shallowest 30 cm? If so, is this because the soils are so shallow?
- p. 1027, l. 2: 'Despite that' -> Despite the fact that

Yours sincerely,

Gerrit de Rooij Editor HESS

Interactive comment on Hydrology and Earth System Sciences Discussions, 2, 1011, 2005.

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2, S597–S599, 2005

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