Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2019-336-RC2, 2019 © Author(s) 2019. This work is distributed under the Creative Commons Attribution 4.0 License.



Interactive comment on "Neighbourhood and stand structure affect stemflow generation in a heterogeneous deciduous temperate forest" by J. C. Metzger et al.

Anonymous Referee #2

Received and published: 6 August 2019

My comments and observations are inline with the comments posted by reviewer #1. The article by Metzger et al. was very well done. The methodology was sound and the paper sheds new and interesting light on factors influencing stemflow production that will appeal to a global audience. I also recommend publication following minor revision. My specific comments are as follows: Page 2, Line 4: Perhaps of starting the sentence with "They" the authors could say "These pathways..." Page 2, Lines 9 – 11. Perhaps the reference of Carlyle-Moses et al. 2018 (Advances in Water Resources) could be added here. Page 2 and 3, Lines 32 – 3: Crown projection area has also been found to be very, very important and probably should be included here. Page 7, line 21: Perhaps state: "...the largest 30 % of events" Page 14, Line 17: Perhaps "individual"

C.

tree stemflow" instead of "tree individual stemflow" Table 3: should the sign ">" be "<" 0.01 in the Psf column. I believe the authors mean less than and not more than here.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2019-336, 2019.