

Please see below the response to the reviewer regarding their concerns. We also included a PDF version of the revised manuscript with changes highlighted in yellow.

Comments to the author:

Dear authors, thank you for addressing all of the comments from the reviewers. Please check a few more minor corrections to wording below, and we can proceed with accepting the paper once corrected.

L159 — Needs slight rewording, for example, “only relative values in the Alley/...”

R: Done

L306 — Change to “the increase occurred when SWC < 20% and was less intense”. Also consider changing “less intense” to “less steep” or “less pronounced”.

R: Done

L278, Fig. 4 — This caption could still be clarified further. As a second sentence, please add “Each panel represents a tree-alley pair” as mentioned in your response to the reviewer. The total number of chambers could also be mentioned in the caption (as on L269). Also, consider rewording the 1st sentence as “...chambers over one week in July (a,b,c) and one week in April (d,e,f).”

R: Done

L510 — I would suggest changing “less noticeable” to “not statistically significant”. In general, here and elsewhere “noticeable” isn’t a very informative or statistically rigorous term.

R: Done

L538 — Change “a reduce in” to “a reduction in” at a minimum, but also consider rewording this sentence for clarity. For example: “Although the underlying processes driving this observation need further study, ...”

R: Done