

Biogeosciences Discuss., referee comment RC2
<https://doi.org/10.5194/bg-2022-125-RC2>, 2022
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Comment on bg-2022-125

Anonymous Referee #2

Referee comment on "Spruce bark beetles (*Ips typographus*) cause up to 700 times higher bark BVOC emission rates compared to healthy Norway spruce (*Picea abies*)" by Erica Jaakkola et al., *Biogeosciences Discuss.*, <https://doi.org/10.5194/bg-2022-125-RC2>, 2022

This study is interesting and has its own important value to supplement what has been done previously and giving new information about bark beetle infestation effect to BVOC emission from Norway spruce bark. A lot of confusing information and weak Discussion is not helping to reveal this experiment value. Important part is also the new emerging volatiles, but these get so little attention or no attention in Discussion part. Discussion part is weak and needs more improving, more references and discussion that is connected with results and putting the results in bigger picture. I suggest leaving out the comparison with leaf emission; this does not give an extra value to the study. This has opposite effect: to diminish your efforts.

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2022-125/bg-2022-125-RC2-supplement.pdf>