

Biogeosciences Discuss., author comment AC1
<https://doi.org/10.5194/bg-2022-15-AC1>, 2022
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Reply on RC1

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Author comment on "Reviews and syntheses: VOC emissions from soil cover in boreal and temperate natural ecosystems of the Northern Hemisphere " by Valery A. Isidorov and Andrej A. Zaitsev, Biogeosciences Discuss., <https://doi.org/10.5194/bg-2022-15-AC1>, 2022

Authors' response to comments regarding the preprint of the article entitled "VOC Emission..."

We carefully read the feedback on our review and thank the author for his assessment and recognition of the importance of the problem, which our article is devoted to solving. The remarks contained in the retraction concern only the structure of the article, but not its content. In particular, the reviewer finds it illogical to discuss the role of microbes in different sections (II and IV). However, he overlooks the fact that Section II deals with the **processes** (biotic and abiotic) governing litter decomposition, while Section IV deals with the **composition** of VOCs released by litter-degrading microbes.

Without a doubt, the material of the article could have been structured in a different way, but we do not think that it will not fulfil its role (will not achieve the goal set by the authors) if the material presented is not subjected to the rearrangement proposed in the review. At the same time, we accept the proposal to divide into two sections the data on the biomass of litter and LSC given in the Supplementary.

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