

Biogeosciences Discuss., author comment AC1  
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## Reply on RC1

Kirstin Übernickel et al.

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Author comment on "Reviews and syntheses: Composition and characteristics of burrowing animals along a climate and ecological gradient, Chile" by Kirstin Übernickel et al., Biogeosciences Discuss., <https://doi.org/10.5194/bg-2021-75-AC1>, 2021

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Dear referee #1,

Thank you for your time reading our manuscript. We appreciate your comment on our manuscript and your kind evaluation.

Regarding the photographs we would have liked to be able to provide such insight. We included example entrance photos on bare ground and with the tunnel entrance in litter, see Figure 3 d, e. Unfortunately, the sampling at the sites did not include identification of species origin to the specific burrows, also the 390 species identified via the literature compilation make this attempt rather impossible. Many species' images are available in the internet but have copyright conditions that prohibit us from being able to use them. The reuse of a compilation would require a very large effort to get copyright permission for the 390 species. Some of the species specific references in our accompanying data publication include photos of specific species burrows, unfortunately only in very few cases. We are afraid the knowledge of species specific burrows for recognition in the field is hardly known and even less published.

We made use of our chance to correct some minor changes in the sentence structure to facilitate comprehension.