


## Letter

Thanks to Song *et al.*

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We are very grateful for the letter by Song *et al.* [1] and happy that our review could serve as a catalyst for their insight. The authors address important topics that were missing or underrepresented in our review of how increasing climate variability

may affect metamorphic species [2]. We intended for the concepts in our review to be applicable across taxa and biomes, but our examples did focus on terrestrial and freshwater invertebrates and vertebrates. The importance of metamorphic species in marine environments is undeniable, and bacteria-stimulated metamorphosis increases the complexity of potential climate-mediated effects exponentially. Biotic interactions are known to influence the timing, rate, and outcome of metamorphosis in terrestrial and freshwater systems as well, and – as Song *et al.* [1] suggest – understanding the climate sensitivity of these interactions will be crucial to predicting

changes in the diversity and distribution of metamorphic species, regardless of habitat.

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## References

1. Song, H. *et al.* (2021) Metamorphosis in warming oceans: a microbe–larva perspective. *Trends Ecol. Evol.* 36, 976–977
2. Lowe, W.H. *et al.* (2021) Metamorphosis in an era of increasing climate variability. *Trends Ecol. Evol.* 36, 360–375