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Editors-in-Chief

Ecology and Evolution

Dear Editor,

We are pleased to resubmit our manuscript **“Responses of *Littorina* spp. intertidal snails to thermal extremes indicate countergradient variation in fitness”** to be considered for publication as a research article in *Ecology and Evolution*. Our original submission was assigned the manuscript reference number **ECE-2023-12-02160**. This research provides valuable insight into the adaptive potential of marine invertebrate populations in the face of global climate change, and we believe that the content and findings of this study, as revised, make it well-suited for publication in your journal. We confirm that our manuscript presents original research that has not been submitted or published elsewhere.

Our study aimed to investigate population divergence across three intertidal snail species by comparing their survival after exposure to thermal extremes. Our findings illuminated a countergradient pattern of thermal tolerance, where the level of population divergence covaried with species’ dispersal potential. One of the key strengths of this research article is its comparative approach: by juxtaposing the responses of three congeneric species, we were able to provide an analysis of the role of organismal life history in either facilitating or limiting potential for local adaptation. With thanks to our three reviewers and associate editor, we have thoughtfully revised and strengthened our manuscript and believe that it represents a valuable contribution to the scientific discourse on climate change impacts on biodiversity. Our detailed responses to the reviewers’ and editor’s comments are included beginning on the following page.

We would be very glad if you would consider our revised article for publication in *Ecology and Evolution*. Thank you for your time and consideration, and we look forward to hearing from you.

Sincerely,

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