

This manuscript deals with the exposure of *Daphnia* to multiple stressors under laboratory or natural conditions. Multiple life history traits were measured to quantify the scope of the effect of the stressors. A great deal of careful work went into the study, which is likely the reason the authors were able to find the differences that they did. The manuscript is well organized, and the figures and tables are appropriate.

The authors provide ample background information in the introduction as well as very detailed expectations for their study. The methods were sufficient, and the statistics seem appropriated. I really appreciated the authors maintaining the same color scheme for the treatments throughout multiple figures. This really helps the reader connect to the results. The results were detailed but sometimes hard to follow. I think the number of interactions was hard to keep track while reading. I don't have any suggestions for that, but it was a bit overwhelming at times. And the discussion naturally flows from the results and helps understand what the results mean.

I do not have any suggestions for improvement one way of the other, but I am not a microbiologist and as such some of this work is outside my area of expertise. The current version of the MS presents a clear picture of a solid experiment.