

Review of: "Effects of experimental CO₂ enrichment on the PSII photochemical efficiency of *Symbiodinium* sp. in *Acropora millepora*"

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Potential competing interests: No potential competing interests to declare.

The manuscript, in general, is clear and presents novel data that significantly contributes to our understanding of the specific topic.

There are some questions about the experimental design:

The fragments are from the same specimen, but all the fragments were taken from the same spot. What were the specific parameters the authors chose when selecting the particular pieces?

Were experiments 1, 2, and 3 conducted with the same fragments?

As the effect is not confirmed, it is recommended that more experiments be conducted with some of the modifications the authors mentioned. Nevertheless, the information they generated is important for evaluating the environmental impact of ocean warming.