

# Effects of ocean acidification on *Lythrypnus dalli* reproductive output and behavior



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- Most OA experiments previously confined to the lab may not incorporate ecologically realistic cues that may alter the perceived effects of OA under natural conditions expected in the field.
- This study aims to develop methods using benthic chambers *in situ* to improve OA experiments under ecologically realistic conditions.

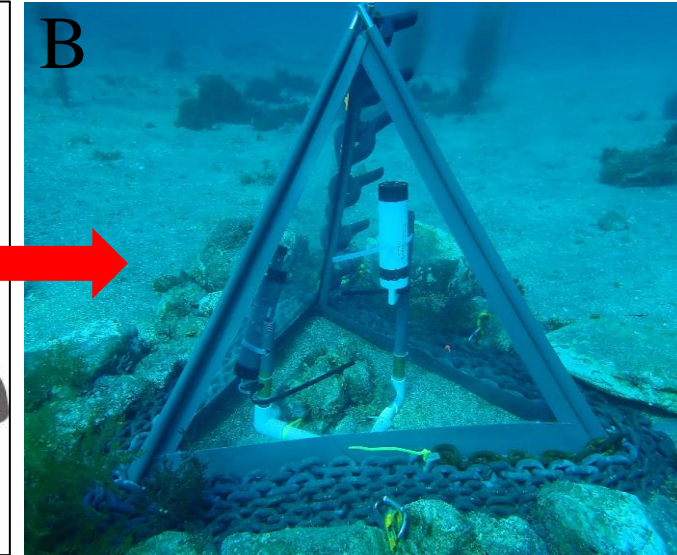
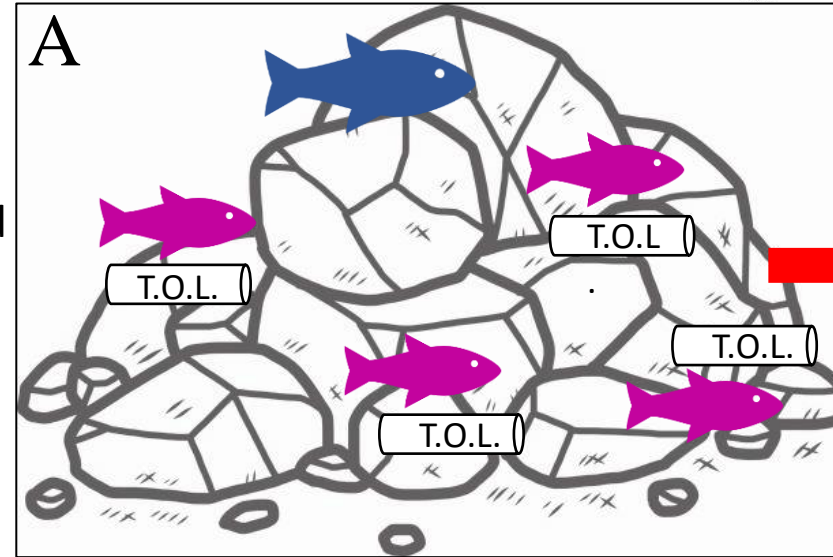


Fig. 1 A) Stocked artificial reef. B) Benthic chamber secured to benthos for acidification.

Preliminary Acidification

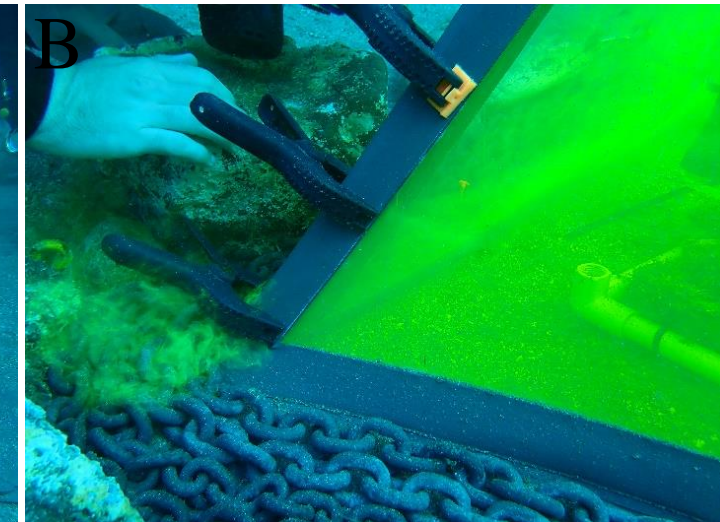
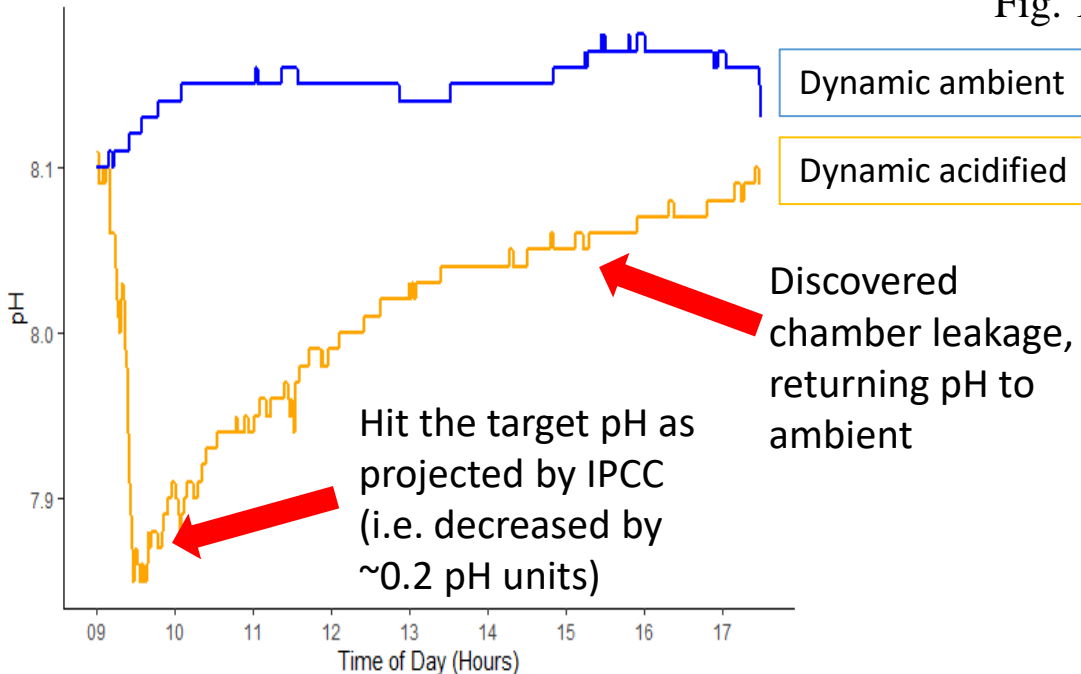


Fig. 2 A) Chamber isolating injected seawater with dye indicator added to locate seawater leakage. B) Identified source of leakage for future improvement.