

Anemonefish facilitate bleaching recovery in a host sea anemone

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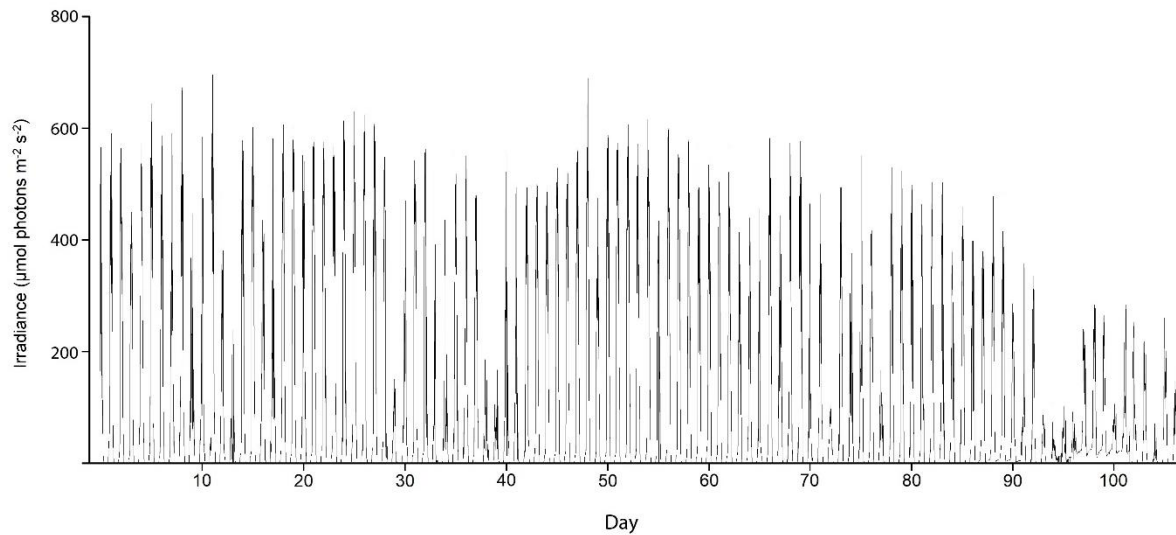
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Supporting information



Supporting Figure 1: Irradiance ($\mu\text{mol photons m}^{-2} \text{s}^{-2}$) during the bleaching recovery period.

Supporting Table 1: P-values calculated from PERMANOVA to test hypotheses. Asterisks (*) indicate where the null hypothesis was rejected. \pm = SE.

Hypothesis	Symbiodiniaceae density	Total chlorophyll mg host protein ⁻¹	Colour score
Treatment effect	P = 0.003*	P < 0.001*	P < 0.001*
Bleached control = bleached procedural control	0.2888	0.4178	0.9214
Unbleached control = Unbleached procedural control	0.2694	0.9708	0.7200
Bleached with fish = unbleached controls (pooled)	P = 0.877* Means = 1232242 \pm 291741.0, 1017974 \pm 120879.8	P = 0.005 Means = 8.98 \pm 1.610, 5.42 \pm 0.373	P = 0.609* Means = 4.75 \pm 0.299, 4.94 \pm 0.144

Bleached controls (pooled) <	P = 0.002*	P = 0.125	P < 0.001*
unbleached controls (pooled)	Means = 228801 ± 98744.2, 1017974 ± 120879.8	Means = 2.71 ± 0.434, 5.42 ± 0.373	Means = 2.66 ± 0.338, 4.94 ± 0.144
Unbleached with fish >	P = 0.021*	P = 0.106	P = 0.033
Bleached with fish	Means = 2152018 ± 223212.0, 1232242 ± 291741.0	Means = 11.78 ± 1.057, 8.98 ± 1.610	Means = 5.63 ± 0.183, 4.75 ± 0.299
Unbleached with fish >	P < 0.001*	P < 0.001*	P = 0.004*
Unbleached controls (pooled)	Means = 2152018 ± 223212.0, 1017974 ± 120879.8	Means = 11.78 ± 1.057, 5.42 ± 0.373	Means = 5.63 ± 0.183, 4.94 ± 0.144