

## Supplementary material

### Recurrent coral bleaching in north-western Australia and associated declines in coral cover

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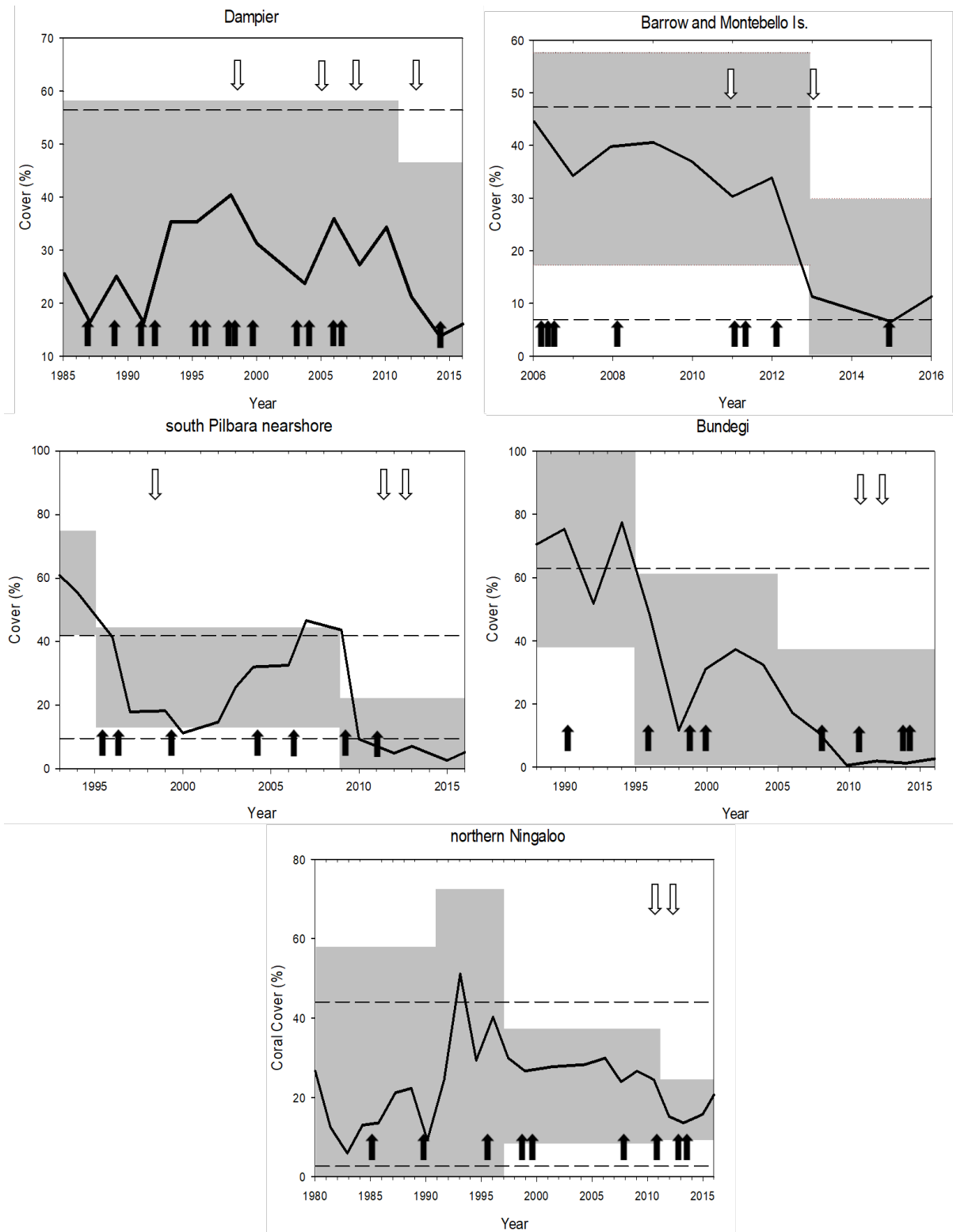
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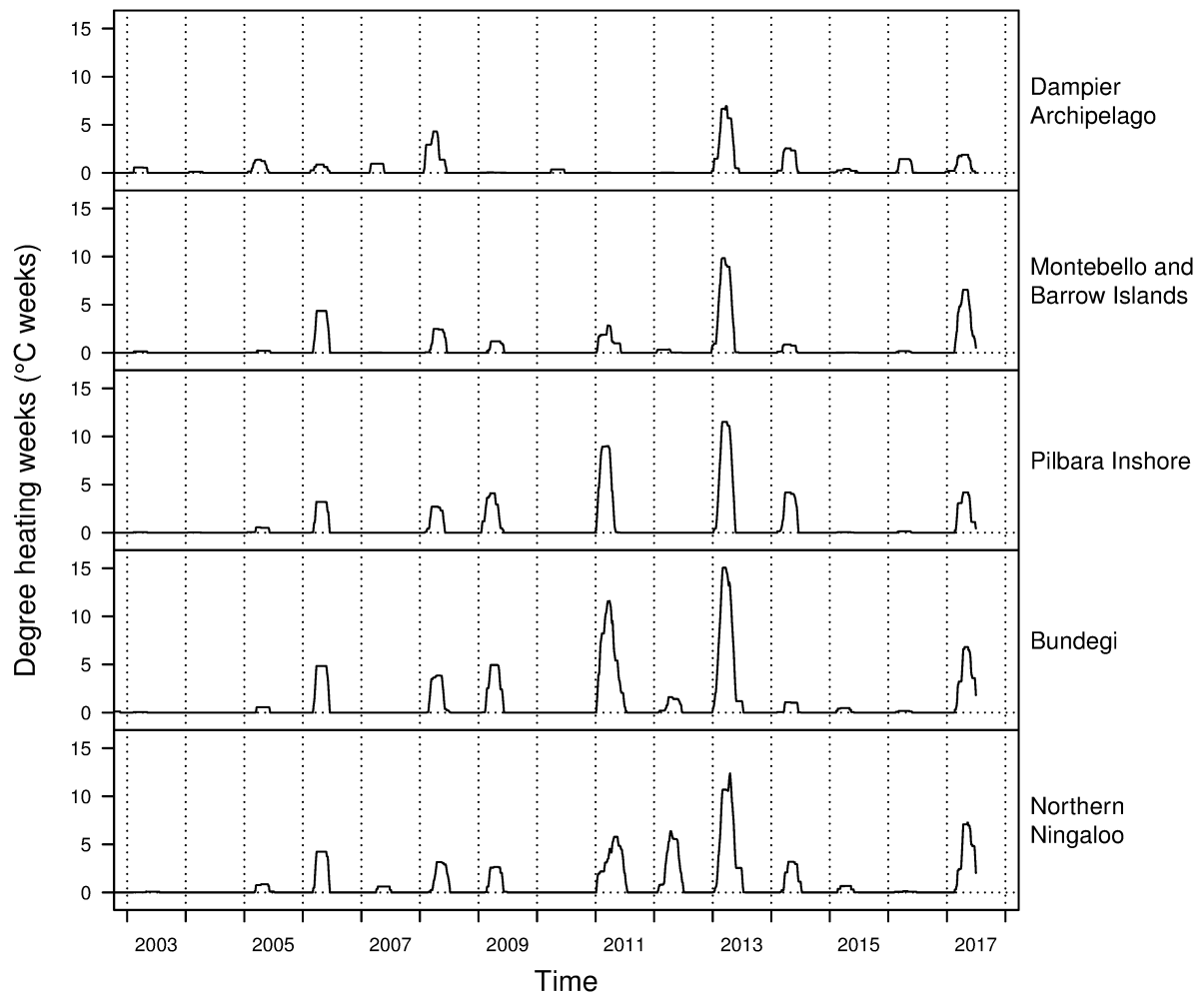
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**Fig. S1.** Coral cover trends and significant break points in coral cover. Control levels; dashed lines, change point analysis charts. Shaded regions are parts of the data expected to contain all the values for intervals between points when changes occurred. Values on y-axis for shaded regions represent the confidence level for each interval. Black arrows; cyclones passing within 100 km of region, white arrows; years of reported bleaching in the region.



**Fig. S2.** Time series of DHW in the Pilbara region off Western Australia 2002–2017.

## File S1

### Abbreviations

AIMS	Australian Institute of Marine Science.
CALM	Department of Conservation and Land Management
NOAA	National Oceanographic and Atmospheric Administration
LNG	Liquified Natural Gas

### Data sources

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