



## Reef bioregion: RCB1 Capricorn Bunker Outer Reefs

RCB1

### Bioregion Description

RCB1 & RCB2 oceanographically isolated, may be biologically distinct from the rest of GBR. Set back from edge of continental shelf but very exposed due to local currents. Distinct differences in coral trout populations compared with the Swain Reefs and elsewhere on the GBR. High soft coral diversity.

<b>Existing zoning within bioregion (as % of total bioregion area)</b>			<b>Bioregion area</b>	387 km <sup>2</sup>
Preservation *	Pink	1 %	<b>Proportion of the GBRMP</b>	<1 %
Scientific Research *	Orange	4 %		
Marine National Park 'B' / National Park *	Dark Green	8 %	<b>No-take Zone statistics</b>	
Marine National Park 'A' / Conservation Park	Yellow	13 %	Area of no-take zone(s)	52 km <sup>2</sup>
General Use 'B' / Habitat Protection	Dark Blue	47 %	Percent of bioregion	14 %
General Use 'A' / General Use	Light Blue	26 %	Number of no-take zones	10
Island		1 %		

\* No-take zones

### Reef size distribution

Number of reefs		29
Reef sizes	Smallest	<1 km <sup>2</sup>
	Largest	115 km <sup>2</sup>
	Average	13 km <sup>2</sup>

### Area exposed to flooding events 1994 - 98

1,2 or 3 events	56 %
No recorded events	34 %
6 or 7 events	9 %
4 or 5 events	2 %

### Reef Geomorphology

Submerged reef	44 %
Planar reef	32 %
Lagoonal reef	21 %
unknown	3 %

### Biological - this bioregion is known to contain samples of these biological assemblages and/or habitats

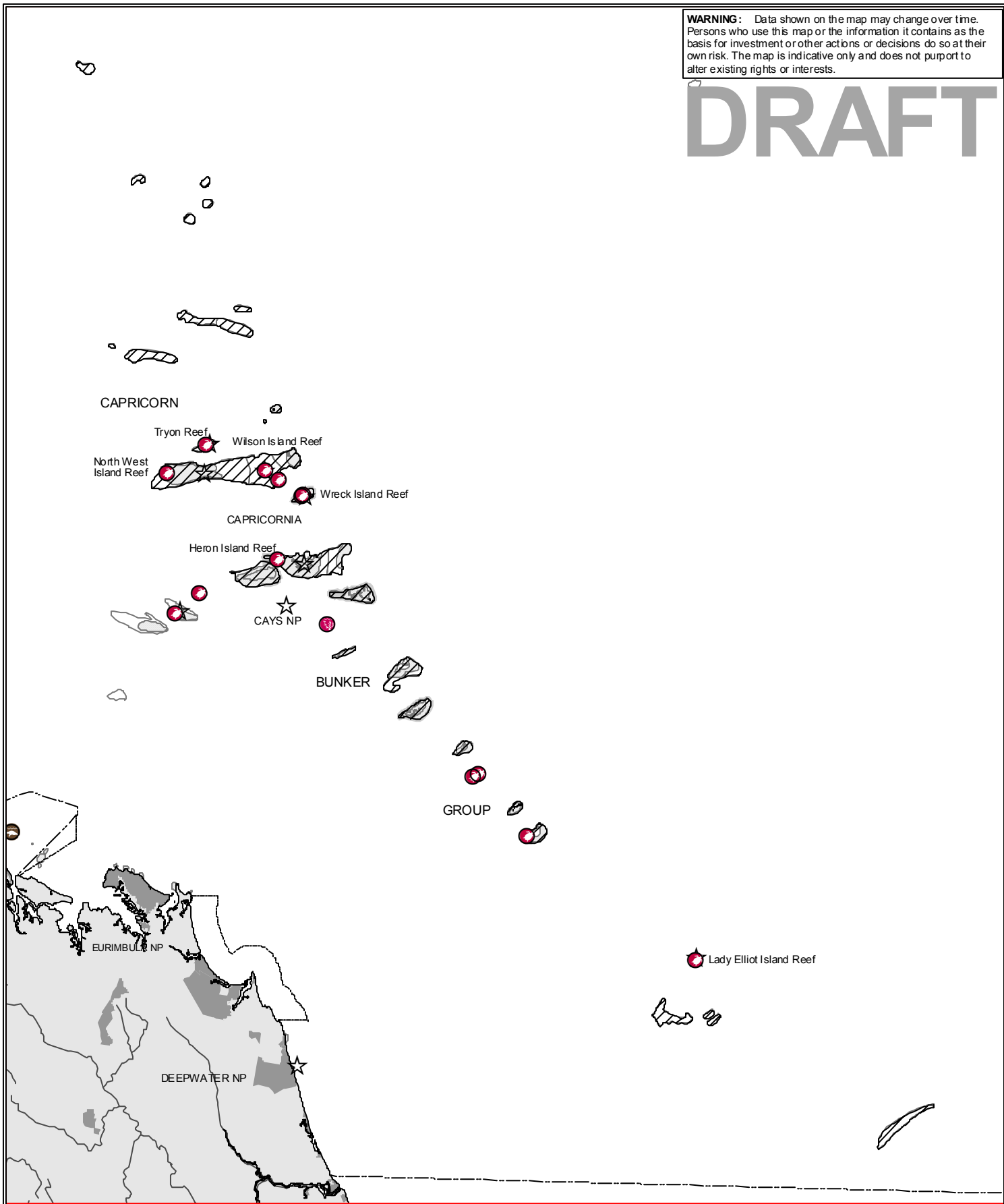
Turtle nesting sites














### Interim biophysically special/unique sites

Wreck Island Reef  
Wilson Island Reef  
Tryon Island Reef  
North West Island Reef  
Lady Elliot Island Reef  
Heron Island Reef  
Capricorn Bunker Group

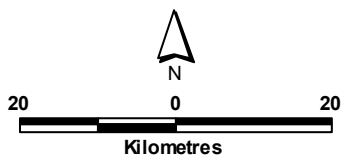
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# DRAFT



 Bioregion RCB1	 Reef edge or shoal edge
 Existing no-take zone	 Reef shoal
 National Park (State)	 River
 Interim biophysically special/unique sites	 GBRMP boundary
 Dugong Protection Area	 GBRMP Section boundary
 Turtle nesting site	 Built-up area
 Turtle foraging area	

Map Produced: 13 May 2002  
 Datum: GDA94 Projection: Albers



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