

Part III

Cnidaria, other than reef-building corals

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Abstract

Eight species are identified in a largely unworked collection. These include the Blue Coral (*Heliopora coerulea*) and the Organ-pipe Coral (*Tubipora musica*).

Background and discussion

Cnidarians, other than corals, were collected at both Scott and Seringapatam Reefs and the Rowley Shoals. However most of this collection, located in the Western Australian Museum, remains unworked since no specialists in these taxa are available. The list includes some taxa identified by the author while Alcyonacea from Seringapatam were identified, most only to the generic level, by Dr P. Alderslade, Northern Territory Museum, Darwin.

The Blue Coral, *Heliopora coerulea*, is moderately common at both the Rowley Shoals and Scott Reef. This species has also been found at Cockatoo, Troughton and Descartes Islands off the Kimberley coast and at several sites on the Ningaloo Reefs near North West Cape.

The Organ-pipe Coral, *Tubipora musica*, was found only at Scott Reef, where it was moderately common on the reef flat south-west of Sandy Islet, and at Seringapatam Reef. Other material in the Western Australian Museum consists of beach specimens from Browse Island, Cockatoo and Troughton Islands off the Kimberley coast and from Admiralty Gulf. It has not been found in the Dampier area or on the Ningaloo Reefs, despite intensive collecting. However a beach specimen has been found at the Houtman Abrolhos.

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Cnidaria, other than reef-building corals

List of Cnidaria, other than reef-building corals

Key to symbols

Numbers = sampling stations (see Part I, Figures 3, 4, 5, 7 and 8; Appendix Tables 1 and 3).

X = collected without precise locality.

B = specimens collected by the R.V. *Bogorov* Expedition

	Rowley Shoals	Scott/Seringapatam Reefs
HYDROZOA		
Milleporina		
<i>Millepora platyphylla</i> Hemprich and Ehrenberg, 1834	X	X
<i>Millepora</i> sp.	X	X
Hydroida		
<i>Aglaothenia cupressina</i> Lamouroux, 1816	X	X
<i>Lytocarpus philippinus</i> (Kirchenpauer, 1872)	X	X
CUBOZOA		
CARYBDEIDAE		
<i>Carybdea alata</i> var. <i>grandis</i> Reynaud, 1830		12, 15v
ANTHOZOA		
Octocorallia		
Stolonifera		
TUBIPORIDAE		
<i>Tubipora musica</i> Linnaeus, 1758		2, 14v
Acyonacea		
ALCYONIIDAE		
<i>Sinularia flexibilis</i> (Quoy and Gaimard, 1833)		B
<i>S. leptocladus</i> (Ehrenberg, 1834)		B
<i>Sinularia</i> spp.	X	B
<i>Sarcophyton</i> spp.	10, 12	B
NEPHTHEIDAE		
<i>Nephthea</i> sp.		B
<i>Dendronephthya</i> (<i>Spongodes</i>) sp.		B
<i>D. (Roxasia)</i> spp.		B
<i>Stereonephthya</i> sp.		B

	Rowley Shoals	Scott/Seringapatam Reefs
Coenothecalia		
HELIOPORIDAE		
<i>Heliopora coerulea</i> (Pallas, 1766)	1, 10v, 11v	2v, 14v, 17v, 21v
Gorgonacea		
MELITHAEIDAE		
<i>Melithaea</i> sp.	8	4
Zoantharia		
ZOANTHIDAE		
<i>Palythoa</i> spp.	X	X
<i>Zoanthus</i> spp.	X	X
Antipatharia		
<i>Cirrhopathes</i> sp.		5