

Hierarchical subtidal seabed habitat classification table used in the SeaMap Tasmania project (* refer to secondary table for specific habitat modifiers)

Primary biotopes – Level 4							
Reef *				Unconsolidated *			
Secondary biotopes - Level 5							
Unvegetated		Vegetated		Unvegetated		Vegetated	
Biological facies – Level 6							
Attached epifaunal groups	Dense sponge	Attached floral groups	Macroalgae (kelp)	Sediment type	Sand Silt	Attached floral groups	Seagrass Algae
Micro-communities – Level 7							
Attached epifaunal species	e.g. <i>Pyura australis</i>	Attached floral species	e.g. <i>Ecklonia radiata</i> <i>Macrocystis pyrifera</i>	Attached epifaunal groups	Sparse sponge	Attached floral species	e.g. <i>Posidonia australis</i> <i>Caulerpa trifaria</i>
Unattached faunal groups	e.g. Fish seastars	Unattached floral groups	e.g. Red algae	Attached epifaunal species	e.g. <i>Sarcophilus grandis</i>	Attached epifaunal groups	e.g. Ascidians
Unattached faunal species	e.g. <i>Asterias amurensis</i>	Unattached floral species	e.g. <i>Enteromorpha compressa</i>	Unattached faunal groups	e.g. Brittle stars Fish	Attached epifaunal species	e.g. <i>Polycarpa viridis</i>
Unattached floral groups	e.g. Red algae	Attached epifaunal groups	e.g. Sponge Bryzoans Ascidians	Unattached faunal species	e.g. <i>Asterias amurensis</i>	Unattached faunal groups	e.g. Fish
Unattached floral species	e.g. <i>Laurencia majuscula</i>	Attached epifaunal species	e.g. <i>Pyura australis</i>	Emergent epifaunal groups	e.g. Bivalves Polychaetes	Unattached faunal species	e.g. <i>Neoodax balteatus</i>
		Unattached faunal groups	e.g. Fish seastars	Emergent epifaunal species	e.g. <i>Maoricolpus roseus</i>	Emergent epifaunal groups	e.g. Bivalves Ghost shrimps
		Unattached faunal species	e.g. <i>Asterias amurensis</i>	Unattached floral groups	e.g. Red algae	Emergent epifaunal species	e.g. <i>Corbula gibba</i>
				Unattached floral species	e.g. <i>Enteromorpha compressa</i>	Unattached floral groups	Red algae
				Attached floral groups (low % cover)	e.g. Seagrass Macroalgae Filamentous algae	Unattached floral species	e.g. <i>Colpomenia sinuosa</i>
				Attached floral species (low % cover)	e.g. <i>Zostera tasmanica</i> <i>Caulerpa trifaria</i>		

Seabed habitat classification modifiers used during the SeaMap Tasmania project

Reef		Unconsolidated			
Unvegetated & Vegetated		Unvegetated		Vegetated	
Attributes	Modifiers	Attributes	Modifiers	Attributes	Modifiers
Substratum texture	Solid Broken Cobble Boulder	Substratum texture	Hard (high shell contact)	Substratum texture	Hard (high shell contact)
Structure	Continuous Patchy Guttered	Relief	Hills Waves Ripples Flat	Bed structure	Continuous Patchy Sparse
Profile	High Low			Sediment type	Sand Mud
Slope	slight sloping steep vertical overhang	Slope	slight sloping steep	Slope	slight sloping steep
Swell/wave exposure	e.g. high exposure	Swell/wave exposure	e.g. sheltered	Swell/wave exposure	e.g. very sheltered
Sponge morphological groups	e.g. branched encrusting				
Rock type	e.g. Dolerite Granite				