



SUBSTRATE STABILITY	IMMOBILE SUBSTRATES				MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT DOMINATED	TIDAL IAGOON	
	MAJOR SUBSTRATE	BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	1-20	1-23, 32, 33	1-23, 33	1-23, 33	24 - 30, 32	24 - 30, 32	24 - 30, 31	24 - 30, 31	24-30	34	35
EXPOSURE	E	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP	VP, P, SP	
COMMUNITY CODE	2	3	4	5	6	7	8	9	10	11	
old class											
upper	Verrucaria	Verrucaria	Verrucaria	Verrucaria	Verrucaria	Verrucaria	Verrucaria	grasses & rushes			
	Enseromeria	Enseromeria	Enseromeria	Enseromeria	Enseromeria	Enseromeria	Enseromeria	Salicornia			
	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Vegetation			
	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus				
middle	Polyplex polymers	Mytilus californianus	Mytilus californianus	Mytilus californianus	Mytilus californianus	Mytilus californianus	Mytilus californianus	Mytilus troxulus *	Mytilus troxulus *		
	Mytilus californianus	Semibalanus cariosus	Semibalanus cariosus	Semibalanus cariosus	Semibalanus cariosus	Semibalanus cariosus	Semibalanus cariosus	Utricularia spp.	Utricularia spp.	Utricularia spp.	
								Utricularia spp.	Utricularia spp.	Utricularia spp.	
mid low											
	Hedophyllum setosum										
	Alaria marginata morph										
	Phyllospadix scouleri										
lower	Lessonia littoralis										
		Lithothamnion									
subtidal											

