

SUBSTRATE STABILITY BEDROO MAJOR SUBSTRATE BEDROO COASTAL CLASSES 1-20 EXPOSURE (EXP BIO) E COMMUNITY CODE (HAB OBS) 2 Upper Vernucaria Balanus glanda	IMMOBILI OCK BEDROCK/BOULDE 0 1-23, 32, 33 SE	E SUBSTRATE BEDROCK/GRAVEL	S BEDROCK/GRAVEL	MOBILE	OR PARTIA SUBSTRA	LLY MOI	BILE	CURRENT-	TIDAL
MAJOR SUBSTRATE BEDROG COASTAL CLASSES 1-20 EXPOSURE (EXP BIO) COMMUNITY CODE (HAB OBS) upper Verrucaria Balanus glanda	0 1-23, 32, 33 SE	BEDROCK/GRAVEL	BEDROCK/GRAVEL		MOBILE OR PARTIALLY MOBILE SUBSTRATES				TIDAL IAGOON
COASTAL CLASSES 1-20 EXPOSURE (EXP BIO) E COMMUNITY CODE (HAB OBS) 2 Upper Verrucaria Balanus glanda	0 1-23, 32, 33 SE	1-23, 33		SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT	BEDROCK OR SEDIMENT
EXPOSURE (EXP BIO) COMMUNITY CODE (HAB OBS) upper Verrucaria Balanus glandu	SE	1 40,00	1-23, 33	24 – 30, 32 no SAL band	24 – 30, 32 no SAL band	24 - 30, 31 has SAL band	24-30	34	35
COMMUNITY CODE (HAB OBS) upper Verrucaria Balanus glandi middle Pallicings path		SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP	VP, P, SP
upper Verrucaria Balanus gland	3	4	5	6	7	8	9	10	11
middle Pollicines not	Verrucaria Enteromorpha Idula Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Eucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	grasses & rushes Salicornia virginica Balanus glandula Eucus di tichus	no visible	tidal current	Balanus glandula Fucus distichus
Mytilus califor Semibalanus c	lymerus ornianus Mytilus californianus carriosus Semibalanus carriosus	Mytilus trossulus* Semibalanus carriosus Ulva/ Ulvaria spp.	Mytilus trossulus * Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Mytilus trossulus" Ulva/ Ulvaria	macrobiota dominated; may due to be a Protected sediment wave exposure mobility but shows an assemblage of	ponded water in lagoon creates	
mid/low Alaria 'nana' i	Hedophyllum sessile ' morph Phyllospadix scouleri							indicator species from higher wave exposures. Assemblage	narrow intertidal and a reduced biota in brackish water, may have
lower Lessoniopsis li Lithothannion	Alaria 'marginata' morph Lithothamnion	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothannion	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion	Laminaria saccharina			observed is 'anomalous' for the wave energy of the site.	associated current dominated at outflow
subtidal Nereocystis Ine	uetkeana Nereocystis luetkeana Macrocystis integrifoli Agarum spp. Strongylocentrotus	Nereocystis luetkeana a Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Macrocystis integrifolia Agarum spp.	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Macrocystis integrifolia Agarum spp.				