

SUBSTRATE STABILITY MAJOR SUBSTRATE	IMMOBILE SUBSTRATES					MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT DOMI- NATED
	BEDROCK	BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	ESTUARY or SAND/MUD	SEDIMENT	BEDROCK ( SEDIMEN
COASTAL CLASSES	1-20	1-20	1-23, 32, 33	1-23, 33	1-23, 33	24, 25, 26, 32	24, 25, 26, 32	27, 28, 29, 30, 31	21-30	34
EXPOSURE (EXP BIO)	VE	Е	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SF
OMMUNITY CODE (HAB_OBS)	1	2	3	4	5	6	7	8	9	10
upper	Verrucaria	Verrucaria	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	grasses & rushes Salicornia virginica		
	Balanus glandula	Balamus glandula	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus di stichus	Balanus glandula Fucus distichus		tidal current dominated; m
middle	Pollicipes polymerus Mytilus californianus	Pollicipes polymerus Mytilus californianus	Mytilus californianus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	1	be a protected wave exposur but shows an
	[Semibalanus carriosus]	Semibalanus carriosus	Semibalanus carriosus	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/Ulvaria spp.	Ulva/ Ulvaria	no visible	assemblage of indicator spec
mid/low	[Alaria 'nana' morph]	Alaria 'nana' morph	Halosaccion glandiforme Hedophyllum sessile	Halosaccion glandiforme	Halosaccion glandiforme	Halosaccion glandiforme	Halosaccion glandiforme		intertidal macrobiota due to	from higher wave exposu
	[num money]	Andria mona monpi	Codium fragile Phyllospadix scouleri Egregia menziesii	Codium fragile		Codium fragile			sediment mobility	Assemblage observed is 'anomalous'
lower	Lessoniopsis littoralis [Laminaria setchelli] lush foliose coralline reds: Bossiella/ Calliarthron/Corallina	<i>Lessoniopsis littoralis</i> <i>Laminaria setchelli</i> foliose coralline reds	Laninaria setchelli Laninaria groenlandica diverse mixed red algae Alaria 'marginata'morph	Laminaria groenlandica Laminaria saccharina Alaria 'marginata'morph	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata'morph	Laminaria saccharina			the wave ener of the site.
	Lithothannion	Lithothamnion	Lithothamnion	Lithothamnion		Lithothannion				
subtidal	Nereocystis luetkeana	Nereocystis luetkeana	Nereocystis luetkeana Macrocystis integrifolia Agarum spp.	Nereocystis luetkeana Macrocystis integrifolia Agarum spp.	Macrocystis integrifolia Agarum spp.	Nereocystis luetkeana Macrocystis integrifolia Agarum spp.	Macrocystis integrifolia Agarum spp.			
			Strongylocentrotus franciscanus	Strongylocentrotus franciscanus Zostera marina	Zostera marina	Strongylocentrotus franciscanus Zostera marina	Zostera marina	Zostera marina		