

	Habitat Classification Based on Visible Macro-Biota Assemblages for the Queen Charlott IMMOBILE SUBSTRATES					MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT DOMI- NATED
SUBSTRATE STABILITY										
MAJOR SUBSTRATE	BEDROCK	BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	ESTUARY or SAND/MUD	SEDIMENT	BEDROCK O SEDIMENT
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	E	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SI
(HAB_OBS)	1	2	3	4	5	6	7	8	9	10
upper	Verrucaria	Vernucaria	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	grasses & rushes Salicornia virginica		tidal current dominated; m
	Balanus glandula	Balanus glandula	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus		
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	Mynus trossaus Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Nyuuus irossuuus 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 exposur
	[Alloria mont morphy	лини поли штери	Codium fragile Phyllospadix scouleri Egregia menziesii	Codium fragile		Codium fragile			sediment mobility	Assemblage observed is 'anomalous' f
lower	Lessoniopsis littoralis [Laminaria setchelli] Iush foliose coralline reds: Bossiella/ Calliarthron/Corallina	Lessoniopsis littoralis Laminaria setchelli 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 ene of the site.
	Lithothannion	Lithothamnion	Lithothamnion	Lithothamnion		Lithothannion				
subtidal	Nereocystis luetkeana	Nereocystis luetkeana	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrolus	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus	Macrocystis integrifolia Agarum spp.	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus	Macrocystis integrifolia Agarum spp.			
			franciscanus	franciscanus Zostera marina	Zostera marina	franciscanus Zostera marina	Zostera marina	Zostera marina		