

MAJOR SUBSTRATE BEDROCK/BOU COASTAL 1-20 CLASSES EXPOSURE E (EXP BIO) 2 HABITAT 2 OBSERVED (HAB_OBS) 2 Upper Verrucaria 2 Balanus glandula 2 Pelvetiopsis limita middle Semibalanus carr Pollicipes polyme mid/low Mytilus california	ULDER BEDROCK/BOULDER	BEDROCK/BOULDER 1-23, 32, 33 SP 4	BEDROCK/BOULDER 1-23, 33 P, VP 5	SAND & GRAVEL 24, 25, 26, 32 SP 6	SAND & GRAVEL 24, 25, 26, 32 P, VP	SAND/MUD 27, 28, 29, 30, 31 SP, P, VP	SEDIMENT 24 - 30 SE, E	BEDROCK OR SEDIMENT VP, P, SP
COASTAL CLASSES 1-20 EXPOSURE (EXP BIO) E HABITAT OBSERVED (HAB_OBS) 2 upper Verrucaria Balanns glandula Pelvetiopsis limite middle Pollicipes polyme mid/low Mytilus california	1-20 SE 3 * Verrucaria Enteromorpha	1-23, 32, 33	1-23, 33 P, VP 5	24, 25, 26, 32 SP 6	24, 25, 26, 32 P, VP	27, 28, 29, 30, 31 SP, P, VP	24 - 30 SE, E	VP, P, SP
EXPOSURE (EXP BIO) E HABITAT OBSERVED (HAB_OBS) 2 upper Verrucaria Balanus glandula Pelvetiopsis limite middle Semibalanus carre middle middle middle	SE 3 * Verrucaria Enteromorpha	SP 4	P, VP 5	SP 6	P, VP	SP, P, VP	SE, E	VP, P, SP
HABITAT OBSERVED (HAB_OBS) upper Verrucaria Balanus glandula Pelvetiopsis limite middle Semibalanus carr Pollicipes polyme mid/low Mytilus california	3 * Verrucaria Enteromorpha	4	5	6				
upper Verrucaria Balanus glandula Pelvetiopsis limita middle Semibalanus carr Pollicipes polyme mid/low Mytilus california	Verrucaria Enteromorpha	77 :			7	8	9	10
Balanus glandula Pelvetiopsis limit middle Semibalanus car Pollicipes polyme mid/low Mytilus california	Enteromorpha	verrucaria	Verrucaria	Verrucaria	Verrucaria	marsh grasses & rushes	· · · · · · · · · · · · · · · · · · ·	
Balanus glandula Pelvetiopsis limit middle Semibalanus carr Pollicipes polyme mid/low Mytilus california		Enteromorpha	Enteromorpha	Enteromorpha	Enteromorpha			tidal current
Balanus glandula Pelvetiopsis limite middle Semibalanus car Pollicipes polyme mid/low Mytilus californic						Salicornia virginica		dominated; may be a
Pelvetiopsis limit middle Semibalanus carr Pollicipes polyme mid/low Mytilus californic	n Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula		Protected wave
middle Semibalanus car Pollicipes polyme mid/low Mytilus california	ata Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	-	exposure but snows
Semibalanus car Pollicipes polyme mid/low Mytilus california							-	indicator species
Pollicipes polyme mid/low Mytilus california	riosus Semibalanus carriosus	Semibalanus carriosus		Semibalanus carriosus			4	from higher wave
mid/low Mytilus california	erus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	no visible macrobiota	exposures.
mid/low Mytilus california		Ulva/Ulvaria spp	Ulya/Ulyaria spp.	Ulya/Ulyaria spp.	Ulva/Ulvaria spp	Ulya/ Ulyaria spp.	due to sediment	
	anus Mytilus californianus		<i>H</i> .			<i>H</i> .	mobility	
	Microcladia/Iridea type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds		1	
Postelsia palmae	formis						1	
	Hedophyllum sessile						1	
	Codium fragile	Codium fragile		Codium fragile			1	
lower Lessoniopsis litto	walis	Laminaria saccharina	Laminaria saccharina	Laminaria saccharina	Laminaria saccharina			
	Egregia menziesii							
Laminaria setchel	llii Laminaria setchellii							
	Laminaria groenlandica	Laminaria groenlandica		Laminaria groenlandica				
Alaria nana.	Alaria marginata.	Alaria marginata.		Alaria marginata.			-	
	Eisenia arborea						-	
Lithothamnion	Lithothamnion	Lithothamnion		Lithothamnion			-	
		Sargassum muticum		Sargassum muticum			-	
	Agarum sp	Agarum sp	Agarum sp	Agarum sp	Agarum sp		-	
	Phyllospadix scouleri						-	
subtidal	Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia		-	
Nereocystis luetke	eana Nereocystis luetkeana	Nereocystis luetkeana		Nereocystis luetkeana			4	
	Strongylocentrotus	Strongylocentrotus		Strongylocentrotus				
		franciscanus	7	franciscanus 7t.	7.4	7	4	
I	franciscanus	Zostera marina	Zastera marina	1 / Astora marina	I de la	· · · · · · · · · · · · · · · · · · ·		