

Site Code: _____ Date (Y/M/D): _____ Repetition: _____ Quadrat Height: _____ m

Circle 1: Bedrock; Boulder (dinner plate); Cobble (> apple); Pebble (> pea); Sand (sugar grain); Mud; Shell

Overturn up to 6 larger cobbles/boulders: avg approximate diameter for each in cm. Count/estimate species from 1 to 20; if 21+ put an "A"

#1 #2 #3 #4 #5 #6

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"Species"	cm	cm	cm	cm	cm	cm	"Species"	cm	cm	cm	cm	cm	cm
Crusts							Crustaceans						
red rock crust [<i>Various Incl Lithothamnium</i>]							common barnacle [<i>Balanus glandula</i>]						
Sponges							brown barnacle [<i>Chthamalus dalli</i>]						
bread crumb sponge [<i>Halichondria sp.</i>]							Isopods						
velvety red sponge [<i>Ophlitaspongia pennata</i>]							sphere pill bug [<i>Gnorimosphaeroma sp.</i>]						
Anemones							seaweed isopod [<i>Idothea spp.</i>]						
hydroids [<i>Various incl Plumaria, Obelia</i>]							speckled pill bug [<i>Cirolana harfordi</i>]						
buried anemone [<i>Urticina coriacea</i>]							kelp fleas [<i>gammarid amphipods</i>]						
painted anemone [<i>Urticina crassicornis</i>]							sand fleas/beach hoppers [<i>Ochestoidea</i>]						
Worms							Shrimp						
polyclad flatworm [<i>Various</i>]							shrimp [<i>Pandalus sp.</i>]						
purple ribbon wrm [<i>Paranemertes peregrina</i>]							Crabs						
pale ribbon w [<i>A. imparispinosus/formidabilis</i>]							hermit crab [<i>Pagurus spp.</i>]						
green&yellow ribbon wrm [<i>E. gracile</i>]							purple crab [<i>Hemigrapsus nudus</i>]						
primitive ribbon wrm [<i>T. polymorphus</i>]							drab crab [<i>Hemigrapsus oregonensis</i>]						
clam worm [<i>Nereis vexillosa</i>]							porcelain crab [<i>Petrolisthes eriomerus</i>]						
scale worm [<i>Halosydna brevisetosae</i>]							black clawed crab [<i>Lophopanopeus bellus</i>]						
medusa wrm [<i>Terebellid</i>]							red rock crab [<i>Cancer productus</i>]						
northern feather duster [<i>E. vancouveri</i>]							decorator crab [<i>Orgonai gracilis</i>]						
spiral tube worm [<i>Spirobia sp</i>]							Bryozoa						
calcareous tube worm [<i>Serpula vermicularis</i>]							encrusting clump [<i>Var incl Schizoporella</i>]						
peanut worms [<i>Various</i>]							kelp lace [<i>Mebranipora sp.</i>]						
Chitons							lichen clump [<i>Var incl Dendrobenia</i>]						
black chiton [<i>Katharina tunicata</i>]							staghorn [<i>Heteropora magna</i>]						
hair chiton [<i>mopalia lignosa / ciliata</i>]							Sea cucumbers						
mossy chiton [<i>Mopalia muscosa</i>]							orange seacuke [<i>Cucumaria miniata</i>]						
lined chiton [<i>Tonicella lineata</i>]							pale seacuke [<i>Cucumaria pallida</i>]						
Limpets							white seacuke [<i>Eupentacta sp.</i>]						
shield limpet [<i>Lottia pelta</i>]							creeping pedal seacuke [<i>P. chitonoides</i>]						
masked limpet [<i>Tectura persona</i>]							Sea Urchins						
plate limpet [<i>Tectura scutum</i>]							green urchin [<i>S. drobachiensis</i>]						
Snails							red urchin [<i>S. franciscanus</i>]						
checked winkle [<i>Littorina scutulata</i>]							Sea Stars						
spiral winkle [<i>Littorina sitkana</i>]							ochre star [<i>Pisaster ochraceus</i>]						
frilled whelk [<i>Nucella (=Thais) lamellosa</i>]							six ray star [<i>Leptasterias sp.</i>]						
banded whelk [<i>Neptunea lyrata</i>]							daisy brittle star [<i>Ophiuroidea aculeata</i>]						
dire whelk [<i>Lirabussinum (=Searlesia) dira</i>]							Tunicates						
leafy hornmouth [<i>Ceratostoma foliatum</i>]							sea pork [<i>Aplidium californicum</i>]						
dove shell [<i>Amphissa spp.</i>]							wrinkled sea squirt [<i>Pyura haustor</i>]						
Sea Slugs							shiny red sea squirt [<i>C. finmarkiensis</i>]						
brown sea slug [<i>onchardorus bilamella</i>]							Fish						
Bivalves							tidpool+ sculpins [<i>Oligocottus sp</i>]						
blue mussel [<i>Mytilus trossulus (formerly M.</i>							northern clingfish [<i>Gobiesox maeandricus</i>]						
rectangle clam [<i>Hiatella arctica</i>]							penpoint gunnel [<i>Apodichthys favidus</i>]						
Pacific oyster [<i>Ostrea lurida or Crassostrea</i>							high cockscomb [<i>A. purpurescens</i>]						
rock jingle [<i>Pododesmus cepio</i>]													
littleneck clam [<i>Protothaca staminea</i>]													