Georgia Strait Alliance Quadrat Studies Primary Quadrat Form

SiteCode: _____ Date (Y/M/D): _____ Repetition: _____ Quadrat Height: _____m Quadrat# _____

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

Est. total: After doing intersects, count/estimate every species in quadrat from 1 to 20; if 21+ put an "A"

"Species"	# intersects	Est. total	"Species"	# intersects	Est. total
Substrate			Limpets		
rock			ribbed limpet [*Lottia digitalis*]		
shell			shield limpet [*Lottia pelta]*		
sand			mask limpet [*Tectura persona*]		
mud			plate limpet [*Tectura scutum*]		
Crusts			misc limpet [*LBL = Little Brown Limpet]*		
green crust [*Chloropjhyta sp.*]			Snails		
brown crust [*Ralfsia sp.*]			checkered periwinkle [*Littorina scutulata*]		
turskish washcloth [*Mastocarpus sp*]			sitka periwinkle [*Littorina sitkana*]		
red rock crust [*Various incl Lithothamnion*]			frilled dogwinkle [*Nucella (=Thais) lamellosa*]		
Filaments			ridged whelk *[Neptunea lyrata]*		
sea moss [*Endocladia muricata*]			dire whelk [*Lirabussinum (=Searlesia) dirum*]		
misc red filaments [*Various*]			leafy hornmouth [*Ceratostoma foliatum*]		
soda straws [*Syctosiphon sp*]			Nudibranchs		
black sea hair [*Bangia sp*]			barnacle nudibranch [*Onchirdoris bilamellata*]		
green tuft [*Cladophora sp*]			Monterey sea lemon *[Archidoris montereyensis]*		
Leafy			Bivalves		
sea lettuce [*Ulva/ Ulvaria sp*]			pacific blue mussel [*Mytilus edulis*]		
green ribbon [*Enteromorpha sp.*]			hiatella clams [*Hiatella sp.*]		
purple laver [*Porphyra spp.*]			Pacific oyster [*Crassostrea gigas*]		
rainbow leaf [*Mazzaella sp*]			Crustaceans		
sea cauliflower [*Leathesia difformis*]			acorn barnacle [*Balanus glandula*]		
dead man's fingers [*Halosaccion glandiforme*]			brown barnacle [*Chthamalus dalli*]		
turkish towel [*Chondracanthus sp*]			thatched barnacle [*Semibalanus cariosus*]		
black larch [*Neorhodomela sp*]			Isopods		
sea brush [*Odonthalia sp*]			ocean pill bug [*Gnorimosphaeroma sp.*]		
rock weed [*Fucus sp*]			seaweed isopod [*Idotea sp.*]		
japanese weed [*Sargassum muticum*]			Crabs		
acid kelp [*Desmarestia sp*]			hermit crabs [*Pagurus sp.*]		
bleach weed [*Prionitis sp*]			purple shore crab [*Hemigrapsus nudus*]		
sugar kelp [*Laminaria saccharina*]			hairy shore crab [*Hemigrapsus oregonensis*]		
jointed coralline[*Bossiella Calliarthron Corallina*]			Sea Stars		
eel grass [*Zostera marina / japonica*]			ochre star [*Pisaster ochraceus*]		
Anemones			mottled star [*Evasterias troschelii*]		
aggregate green [*Anthopleura elegantissima]*			six ray star [*Leptasterias hexactis*]		
Worms			leather star [*Dermasterias imbricata*]		
calcareous tube worm [*Serpula vermicularis*]			blood star [*Henricia leviuscula*]		
clam worm [*Nereis vexillosa*]			Sea squirts		
Chitons			shiny orange sea squirt [*Cnemidocarpa finmarkiensis*]		
mossy chiton [*Mopalia sp]*			Bryozoans		
lined chiton [*Tonicella lineata*]			encrusting [*Var incl Schizoporella, Eurystomella*]		