

County Line Boulder Field - Random Quadrat Data Sheet

Date: _____ School/Leader: _____
 Login Name: _____ Datasheet Label: _____
 Names: _____

Quadrat Location - Place center of quadrat over this random point in the plot.

Format of coordinate is: number in range [0.0,24.0], number in range [0.0,10.0], letter in set [E,W]

meters	meters

Individuals - Count if any portion of the animal is in the 1/4m2 quadrat.

Enter 0 if none were found. Leave blank if no count was done.

	individuals	individuals
Feather boa kelp - <i>Egregia menziesii</i> (holdfast)		
Sunburst anemone - <i>Anthopleura sola</i> (> 5cm)		
Giant green anemone - <i>Anthopleura xanthogrammica</i>		
Unidentified large solitary anemone - (closed and covered with sand)		
Chitons - <i>Mopalia</i> spp./ <i>Nuttalina californica</i> / <i>Leptichitona</i> spp./others		
Whelks - <i>Acanthinucella</i> spp./ <i>Nucella</i> spp.		
Turban snails - <i>Tegula brunnea</i> / <i>funnebralis</i>		
Hermit crabs - <i>Pagurus</i> spp.		
Purple sea urchin - <i>Strongylocentrotus purpuratus</i>		

Count and record the # of squares out of 25 with any attached piece of:

Enter 0 if none were found. Leave blank if no count was done.

	squares	squares
Green pin-cushion alga - <i>Cladophora columbiana</i>		
Dead man's fingers - <i>Codium fragile</i>		
Sea lettuces - <i>Ulva</i> spp.		
Surfgrasses - <i>Phyllospadix scouleri/torreyi</i> (attached in square)		
Flattened rockweeds - <i>Fucus gardneri/Hesperophycus californicus</i>		
Slender rockweeds - <i>Pelvetiopsis limitata/Silvetia compressa</i>		
Tar spot algae - <i>Mastocarpus</i> spp./ <i>Ralfsia</i> spp. and others		
Encrusting coralline algae - Many species (on rocks)		
Upright coralline algae - <i>Bossiella</i> spp./ <i>Calliarthon</i> spp./ <i>Corallina</i> spp.		
Scouring-pad alga - <i>Endocladia muricata</i>		
Stunted Turkish Towel - <i>Mastocarpus</i> spp./ <i>Mazzaella</i> spp.		
Lawn alga - <i>Chondracanthus canaliculatus</i>		
Nori - <i>Porphyra</i> spp.		
Sea sacks - <i>Halosaccion glandiforme</i>		
Iridescent algae - <i>Mazzaella flaccida/splendens</i>		
Aggregating anemone - <i>Anthopleura elegantissima</i> (< 5cm)		
Honeycomb tube worm - <i>Phragmatopoma californica</i>		
Limpets - <i>Lottia</i> spp. (0.5-2.5 cm)		
Sea mussel - <i>Mytilus californianus</i>		
Leaf barnacle - <i>Pollicipes polymerus</i>		
Common acorn barnacle - <i>Balanus/Chthamalus</i> spp.		
Pink acorn barnacle - <i>Tetraclita rubescens</i>		
Bare rock -		
Loose sand -		
Tar (petroleum) -		