

Name(s): _____ Period: _____ Date: _____

Rocky Intertidal Habitat Data Sheet




What can observations of marine life over time tell us? Let's start with photo quadrats for practice!

- 1. Individuals:** Count them if **any portion** of the animal is in the photo quadrat.
Look closely – they can be hard to spot!

Organism	Photo #: _____	Photo #: _____	Photo #: _____
Giant green anemone – <i>Anthopleura xanthogrammica</i>			
Whelks – <i>Acanthinucella</i> spp. / <i>Nucella</i> spp.			
Turban snails – <i>Tegula brunnea</i> / <i>funnebralis</i>			

- 2. Count and record** the number of squares (out of 6) with any part of:

Organism	Photo #: _____	Photo #: _____	Photo #: _____
Aggregating anemone (less than 5 cm—hard to see!) <i>Anthopleura elegantissima</i>  Photo: K. Soave			
Common acorn barnacles – <i>Balanus</i> / <i>Chthamalus</i> spp.			
Encrusting coralline algae (on rocks) – many species			
Flattened rockweeds <i>Fucus gardneri</i> / <i>Hesperophycus californicus</i>			
Green pin-cushion alga - <i>Cladophora columbiana</i>			
Iridescent algae – <i>Mazzaella flaccida</i> / <i>splendens</i>			
Limpets – <i>Lottia</i> spp./ <i>Macclintockia</i> spp. (0.5 – 2.5 cm)			
Red Algal Turf – <i>Endocladia muricata</i> / <i>Gelidium coulteri</i>			
Bare rock			

- 3.** What living and nonliving things might affect the presence of different species in rocky intertidal habitats (tide pools)? Record your ideas below or in science notebooks with words and pictures.

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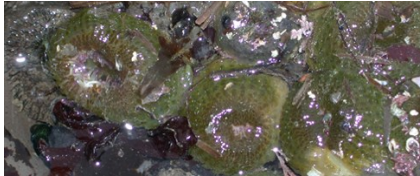


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