

**PISCO Coastal Biodiversity Survey**  
**University of California Santa Cruz**  
<http://cbsurveys.ucsc.edu>

Please note:

The information listed below is provided for your convenience. We ask that you please contact the SWAT Team ([swat@biology.ucsc.edu](mailto:swat@biology.ucsc.edu)) prior to using this information for any purpose. We make this request to:

1. Reduce redundancy; we may be currently working on projects that involve this information.
2. We would like to be informed of and involved in projects developed using this information. We have been careful to voucher any organisms that were difficult to identify in the field so that more detailed evaluation could be done in the lab. We are therefore confident that the identification of organisms listed below is reliable with the caveat that some sponges and tunicates are very difficult to identify to species without detailed histological evaluation, which we have not done. The number of cases where this could have been a problem is very small. For more information please visit our website above or link directly to our protocols at: <http://cbsurveys.ucsc.edu/sampling/images/dataprotocols.pdf>

**Garrapata, Monterey Co, California**  
**November 6, 2007**

Species List:

<i>Acmaea mitra</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Acrosiphonia</i> spp	<i>Idotea</i> spp
<i>Alaria marginata</i>	<i>Katharina tunicata</i>
<i>Amphissa versicolor</i>	<i>Laminaria setchellii</i>
<i>Analipus japonicus</i>	<i>Laurencia pacifica/masonii</i>
<i>Anthopleura elegantissima</i>	<i>Leptasterias</i> spp
<i>Anthopleura sola</i>	<i>Lirularia/Margarites</i> spp
<i>Anthopleura xanthogrammica</i>	<i>Littorina keenae</i>
<i>Balanus glandula</i>	<i>Littorina plena/scutulata</i>
Blue green algae	<i>Littorina</i> spp
<i>Bossiella</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Bugula</i> spp	<i>Lottia limatula</i>
<i>Calliarthron</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia pelta</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia scabra/conus</i>
<i>Chondracanthus corymbiferus/exaspertata</i>	<i>Lottia scutum</i>
<i>Chthamalus</i> spp	<i>Macrocystis</i> spp
<i>Cirolana</i> spp	<i>Mastocarpus jardinii</i>
<i>Cladophora columbiana</i>	<i>Mastocarpus papillatus</i>
<i>Codium fragile</i>	<i>Mazzaella affinis</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mazzaella cordata/splendens</i>
<i>Corallina</i> spp	<i>Mazzaella linearis</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Microcladia borealis</i>
<i>Cucumaria/Pseudocnus</i> spp	<i>Mopalia</i> spp
<i>Cyanoplax</i> spp	<i>Mytilus californianus</i>
<i>Cystoseira osmundacea</i>	<i>Nereocystis luetkeana</i>
Diatoms	<i>Nucella canaliculata</i>
<i>Dodecaceria</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Egregia menziesii</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Onchidella borealis</i>
<i>Endocladia muricata</i>	<i>Ophlitaspongia pennata</i>
<i>Erythrophyllum delesserioides</i>	<i>Pachygrapsus crassipes</i>
<i>Fissurella volcano</i>	<i>Pagurus hirsutiusculus</i>
<i>Gelidium coulteri</i>	<i>Pagurus samuelis</i>
<i>Haliclona</i> spp	<i>Pelvetiopsis</i> spp
<i>Henricia</i> spp	<i>Petrocelis</i> spp
	<i>Petrospongium rugosum</i>

*Pisaster ochraceus*  
*Plocamium violaceum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Pugettia producta*  
Ralfsiaceae  
Sabellariidae  
Sculpin  
*Silvetia compressa*  
*Spirorbis* spp  
*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tonicella lineata/lokii*  
*Ulva* spp