

**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>

**Palmerston, Vancouver Island, British Columbia, Canada**  
**June 18, 2007**

Species List:

<i>Acmaea mitra</i>	<i>Didemnum</i> spp
<i>Acrosiphonia</i> spp	<i>Diodora aspera</i>
<i>Alaria marginata</i>	<i>Dirona albolineata</i>
<i>Alia</i> spp	<i>Dodecaceria</i> spp
<i>Amphissa versicolor</i>	<i>Egregia menziesii</i>
<i>Anthopleura elegantissima</i>	Encrusting coralline
<i>Anthopleura xanthogrammica</i>	<i>Endocladia muricata</i>
<i>Aplidium arenatum/propinquum</i>	<i>Epiactis ritteri</i>
<i>Aplidium californicum/solidum</i>	<i>Erythrophyllum delesserioides</i>
<i>Asterina miniata</i>	<i>Eurystomella bilabiata</i>
<i>Balanus crenatus</i>	<i>Farlowia compressa</i>
<i>Balanus glandula</i>	<i>Farlowia/Pikea</i> spp
<i>Bittium eschrichtii</i>	<i>Fucus</i> spp
Blue green algae	<i>Gastroclonium subarticulatum</i>
<i>Bossiella</i> spp	<i>Grateloupia californica</i>
<i>Brachidontes/Septifer</i> spp	<i>Halichondria panicea</i>
<i>Bryopsis</i> spp	<i>Haliclona</i> spp
<i>Bugula</i> spp	<i>Halosaccion glandiforme</i>
<i>Calliarthron</i> spp	<i>Hedophyllum sessile</i>
<i>Calliostoma ligatum</i>	<i>Hemigrapsus nudus</i>
<i>Callithamnion pikeanum</i>	<i>Henricia</i> spp
<i>Cancer oregonensis</i>	<i>Hermisenda crassicornis</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Herposiphonia plumula</i>
<i>Ceramium washingtoniense</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Chondracanthus corymbiferus/exaspertata</i>	<i>Hippodiplosia insculpta</i>
<i>Chthamalus</i> spp	<i>Homalopoma baculum/luridum</i>
<i>Cirolana</i> spp	<i>Idotea</i> spp
<i>Cladophora columbiana</i>	<i>Janolus barbarensis</i>
<i>Codium setchellii</i>	<i>Katharina tunicata</i>
<i>Colpomenia/Leathesia</i> spp	<i>Lacuna</i> spp
<i>Corallina</i> spp	<i>Laminaria setchellii</i>
<i>Cryptochiton stelleri</i>	<i>Laminaria sinclairii</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Leptasterias</i> spp
<i>Cucumaria/Pseudocnus</i> spp	<i>Lirularia/Margarites</i> spp
<i>Cyanoplax</i> spp	<i>Littorina plena/scutulata</i>
<i>Dermasterias imbricata</i>	<i>Littorina sitkana/subrotundata</i>
Diatoms	<i>Lottia austrodigitalis/digitalis</i>

*Lottia limatula*  
*Lottia ochracea*  
*Lottia paradigitalis/strigatella*  
*Lottia pelta*  
*Lottia persona*  
*Lottia scutum*  
*Mastocarpus jardinii*  
*Mastocarpus papillatus*  
*Mazzaella affinis*  
*Mazzaella cordata/splendens*  
*Membranipora* spp  
*Microcladia borealis*  
*Mytilus californianus*  
*Mytilus galloprovincialis/trossulus*  
*Neoptilota/Ptilota* spp  
*Nucella canaliculata*  
*Nucella emarginata/ostrina*  
*Ocenebra interfossa*  
*Ocenebra* spp  
*Odonthalia floccosa*  
*Oedignathus inermis*  
*Onchidella borealis*  
Ophiuroid  
*Ophlitaspongia pennata*  
*Osmundea spectabilis*  
*Pachycheles* spp  
*Pachygrapsus crassipes*  
*Pagurus caurinus*  
*Pagurus granosimanus*  
*Pagurus hemphilli*  
*Pagurus hirsutiusculus*  
*Pagurus samuelis*  
*Pelvetiopsis* spp  
*Petrocelis* spp  
*Petrolisthes* spp  
*Phyllospadix scouleri*  
*Pisaster ochraceus*  
*Pista* spp  
*Plocamium violaceum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Prionitis lyallii*  
*Pterosiphonia bipinnata*  
*Pterosiphonia dendroidea/pennata*  
*Pugettia gracilis/richii*  
*Pugettia producta*  
*Pycnopodia helianthoides*  
Ralfsiaceae  
*Ritterella rubra*  
*Schizoporella unicornis*  
*Semibalanus cariosus*  
*Serpulorbis squamigerus*  
*Spirorbis* spp  
*Strongylocentrotus purpuratus*

*Tegula funebris*  
*Tegula pulligo*  
*Tonicella lineata/lokii*  
*Ulva* spp  
*Velutina velutina*