

**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>

**Valley, Santa Cruz Island**  
**January 28-29, 2006**

Species list:

<i>Anthopleura sola</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia limatula</i>
<i>Balanus glandula</i>	<i>Lottia ochracea</i>
Blue green algae	<i>Lottia paradigitalis/strigatella</i>
<i>Bossiella</i> spp	<i>Lottia pelta</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia scabra/conus</i>
<i>Bugula</i> spp	<i>Mazzaella affinis</i>
<i>Calliarthron</i> spp	<i>Megabalanus californicus</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Microcladia coulteri</i>
<i>Chondracanthus canaliculatus</i>	<i>Mytilus californianus</i>
<i>Chondracanthus spinosus</i>	<i>Nemalion helminthoides</i>
<i>Chthamalus</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Codium fragile</i>	<i>Nucella lamellosa</i>
<i>Colpomenia/Leathesia</i> spp	<i>Nuttallina</i> spp
<i>Corallina</i> spp	<i>Ocenebra circumtexta</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Ocenebra interfossa</i>
Diatoms	<i>Ophlitaspongia pennata</i>
<i>Dictyota binghamiae/flabellata</i>	<i>Osmundea sinicola</i>
<i>Didemnum</i> spp	<i>Osmundea spectabilis</i>
<i>Egregia menziesii</i>	<i>Pachydictyon coriaceum</i>
<i>Eisenia arborea</i>	<i>Pachygrapsus crassipes</i>
Encrusting coralline	<i>Pagurus samuelis</i>
<i>Endocladia muricata</i>	<i>Petrocelis</i> spp
<i>Epitonium tinctum</i>	<i>Phragmatopoma californica</i>
<i>Fissurella volcano</i>	<i>Phyllospadix scouleri</i>
<i>Gastroclonium subarticulatum</i>	<i>Phyllospadix torreyi</i>
<i>Gelidium coulteri</i>	<i>Pisaster ochraceus</i>
<i>Gelidium purpurascens</i>	<i>Plocamium cartilagineum</i>
<i>Gelidium robustum</i>	<i>Plocamium violaceum</i>
<i>Halidrys dioica</i>	<i>Pollicipes polymerus</i>
<i>Herposiphonia plumula</i>	<i>Polysiphonia</i> spp
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Prionitis lanceolata</i>
<i>Laurencia pacifica/masonii</i>	<i>Pseudolithoderma nigra</i>
<i>Lepidochitona hartwegii</i>	<i>Pterosiphonia dendroidea/pennata</i>
<i>Littorina keenae</i>	Ralfsiaceae
<i>Littorina plena/scutulata</i>	<i>Serpulorbis squamigerus</i>

*Sertularella turgida*  
*Spirobranchus spinosus*  
*Spirorbis spp*  
*Strongylocentrotus purpuratus*  
*Tetraclita rubescens*  
*Ulva spp*