

**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>

**Frenchy's Cove, Anacapa Island, California**  
**October 15, 2001**

Species List:

<i>Acanthinucella</i> spp	<i>Lithothrix aspergillum</i>
<i>Ahmfeltiopsis leptophylla</i>	<i>Littorina keenae</i>
<i>Anthopleura elegantissima</i>	<i>Littorina plena/scutulata</i>
<i>Anthopleura sola</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Balanus glandula</i>	<i>Lottia limatula</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>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia scutum</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mastocarpus jardinii</i>
<i>Chaetomorpha</i> spp	<i>Mastocarpus papillatus</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella affinis</i>
<i>Chondracanthus spinosus</i>	<i>Mazzaella leptorhynchus</i>
<i>Chthamalus</i> spp	<i>Mopalia</i> spp
<i>Cladophora columbiana</i>	<i>Mytilus californianus</i>
<i>Colpomenia/Leathesia</i> spp	<i>Nemalion helminthoides</i>
<i>Corallina</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nuttallina</i> spp
<i>Egregia menziesii</i>	<i>Ophlitaspongia pennata</i>
Encrusting coralline	<i>Osmundea sinicola</i>
<i>Endarachne binghamiae</i>	<i>Pachydictyon coriaceum</i>
<i>Endocladia muricata</i>	<i>Pachygrapsus crassipes</i>
<i>Erythroglossum californicum</i>	<i>Pagurus samuelis</i>
<i>Fissurella volcano</i>	<i>Petrocelis</i> spp
<i>Gastroclonium subarticulatum</i>	<i>Petrospongium rugosum</i>
<i>Gelidium coulteri</i>	<i>Phragmatopoma californica</i>
<i>Gelidium coulteri/pusillum</i>	<i>Phyllospadix scouleri</i>
<i>Gelidium pusillum</i>	<i>Phyllospadix torreyi</i>
<i>Gelidium</i> spp	<i>Pisaster ochraceus</i>
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Plocamium cartilagineum</i>
<i>Hesperophycus harveyanus</i>	<i>Plocamium violaceum</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Pollicipes polymerus</i>
<i>Jania crassa</i>	<i>Polysiphonia</i> spp
<i>Laurencia pacifica/masonii</i>	<i>Porphyra</i> spp
<i>Lepidochitona dentiens</i>	<i>Prionitis lanceolata</i>
<i>Lepidochitona hartwegii</i>	<i>Pseudolithoderma nigra</i>

*Pterocliadiella capillacea*  
*Pterosiphonia baileyi*  
*Pterosiphonia* spp  
Ralfsiaceae  
*Sargassum muticum*  
*Scytosiphon* spp  
*Semibalanus cariosus*

*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tiffaniella snyderiae*  
*Ulva* spp

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**Frenchy's Cove, Anacapa Island**  
**December 12, 14, 2005**  
Species List:

<i>Acanthinucella</i> spp	<i>Laurencia pacifica/masonii</i>
<i>Acrosiphonia</i> spp	<i>Lepidochitona dentiens</i>
<i>Alia</i> spp	<i>Lepidochitona hartwegii</i>
<i>Anthopleura elegantissima</i>	<i>Leucilla nuttingi</i>
<i>Anthopleura sola</i>	<i>Ligia</i> spp
<i>Archidistoma psammion</i>	<i>Lithothrix aspergillum</i>
<i>Balanus glandula</i>	<i>Littorina keenae</i>
Blue green algae	<i>Littorina plena/scutulata</i>
<i>Bossiella</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia limatula</i>
<i>Calliarthron</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Cancer antennarius</i>	<i>Lottia pelta</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia scabra/conus</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia scutum</i>
<i>Chondracanthus canaliculatus</i>	<i>Mastocarpus jardinii</i>
<i>Chondracanthus spinosus</i>	<i>Mastocarpus papillatus</i>
<i>Chthamalus</i> spp	<i>Mazzaella affinis</i>
<i>Cladophora columbiana</i>	<i>Mazzaella leptorhynchus</i>
<i>Conus californicus</i>	<i>Mopalia</i> spp
<i>Corallina</i> spp	<i>Mytilus californianus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nemalion helminthoides</i>
Diatoms	<i>Norrisia norrisi</i>
<i>Dictyota binghamiae/flabellata</i>	<i>Nucella emarginata/ostrina</i>
<i>Egregia menziesii</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Ocenebra circumtexta</i>
<i>Endarachne binghamiae</i>	<i>Ocenebra interfossa</i>
<i>Endocladia muricata</i>	<i>Osmundea sinicola</i>
<i>Eurystomella bilabiata</i>	<i>Osmundea spectabilis</i>
<i>Fissurella volcano</i>	<i>Pachygrapsus crassipes</i>
<i>Gastroclonium subarticulatum</i>	<i>Petalconchus montereyensis</i>
<i>Gelidium coulteri</i>	<i>Petrocelis</i> spp
<i>Gelidium pusillum</i>	<i>Petrospongium rugosum</i>
<i>Gelidium robustum</i>	<i>Phragmatopoma californica</i>
<i>Halidrys dioica</i>	<i>Phyllospadix scouleri</i>
<i>Hesperophycus harveyanus</i>	<i>Phyllospadix torreyi</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Pisaster ochraceus</i>

*Plocamium cartilagineum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Pseudolithoderma nigra*  
*Pterocladia capillacea*  
*Pterosiphonia baileyi*  
*Pterosiphonia dendroidea/pennata*  
*Pugettia gracilis/richii*  
*Pugettia producta*  
*Ralfsiaceae*

*Rhodomenia californica*  
*Rhodomenia pacifica*  
*Scytosiphon* spp  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Spirobranchus spinosus*  
*Spirorbis* spp  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tiffaniella snyderiae*  
*Ulva* spp