

**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>

**Hazards, San Luis Obispo County, California**

**April 2, 2001**

Species list:

<i>Acanthinucella</i> spp	<i>Erythroglossum californicum</i>
<i>Acrosiphonia</i> spp	<i>Farlowia mollis</i>
<i>Alia</i> spp	<i>Farlowia/Pikea</i> spp
<i>Amphissa versicolor</i>	<i>Gastroclonium subarticulatum</i>
<i>Analipus japonicus</i>	<i>Gelidium</i> spp
<i>Anthopleura elegantissima</i>	<i>Gracilariopsis andersonii/papenfussii</i>
<i>Anthopleura sola</i>	<i>Grateloupia doryphora</i>
<i>Anthopleura xanthogrammica</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Asterina miniata</i>	<i>Hypnea johnstonii</i>
<i>Balanus glandula</i>	<i>Idotea</i> spp
<i>Bangia</i> spp	<i>Lacuna</i> spp
<i>Bittium eschrichtii</i>	<i>Laminaria sinclairii</i>
Blue green algae	<i>Lepidochitona hartwegii</i>
<i>Bossiella</i> spp	<i>Lithothrix aspergillum</i>
<i>Calliarthron</i> spp	<i>Littorina keenae</i>
<i>Calliostoma ligatum</i>	<i>Littorina plena/scutulata</i>
<i>Callithamnion pikeanum</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Lottia limatula</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondria nidifica</i>	<i>Lottia pelta</i>
<i>Chthamalus</i> spp	<i>Lottia scabra/conus</i>
<i>Cladophora columbiana</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus jardinii</i>
<i>Constantinea simplex</i>	<i>Mastocarpus papillatus</i>
<i>Conus californicus</i>	<i>Mazzaella affinis</i>
<i>Corallina</i> spp	<i>Mazzaella leptorhynchos</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella</i> spp
<i>Cryptosiphonia woodii</i>	<i>Microcladia coulteri</i>
<i>Cumagloia andersonii</i>	<i>Mopalia</i> spp
<i>Cystoseira osmundacea</i>	<i>Mytilus californianus</i>
<i>Dasya binghamiae</i>	<i>Nemalion helminthoides</i>
<i>Desmarestia ligulata</i>	<i>Neoptilota/ptilota</i> spp
Diatoms	<i>Neorhodomela larix</i>
<i>Egregia menziesii</i>	<i>Neorhodomela oregona</i>
Encrusting coralline	<i>Nucella canaliculata</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Epitonium tinctum</i>	<i>Nuttallina</i> spp

*Ocenebra circumtexta*  
*Odonthalia floccosa*  
*Osmundea spectabilis*  
*Pachygrapsus crassipes*  
*Pagurus granosimanus*  
*Pagurus hirsutiusculus*  
*Pagurus samuelis*  
*Pelvetiopsis* spp  
*Petrocelis* spp  
*Petrospongium rugosum*  
*Phragmatopoma californica*  
*Phyllospadix scouleri*  
*Phyllospadix torreyi*  
*Pisaster ochraceus*  
*Pista* spp  
*Plocamium cartilagineum*  
*Plocamium violaceum*  
*Pollicipes polymerus*  
*Polysiphonia* spp

*Porphyra* spp  
*Prionitis lanceolata*  
*Prionitis lyallii*  
*Pterosiphonia bipinnata*  
*Pterosiphonia* spp  
*Pugettia gracilis/richii*  
*Pugettia producta*  
Ralfsiaceae  
*Sarcodiotheca gaudichaudii*  
*Sargassum muticum*  
*Scytosiphon* spp  
*Silvetia compressa*  
*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tricolia pulloides*  
*Ulva* spp