

**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>

**Cabrillo Zone 3, San Diego County, California**  
**March 25, 2002**

Species list:

<i>Acanthina lugubris</i>	<i>Fssurella volcano</i>
<i>Acrosorium ciliolatum</i>	<i>Gastroclonium subarticulatum</i>
<i>Ahnfeltiopsis leptophylla</i>	<i>Gelidium coulteri/pusillum</i>
<i>Alia</i> spp	<i>Gelidium pusillum</i>
<i>Amphiroa beauvoisii</i>	<i>Gelidium robustum</i>
<i>Amphissa versicolor</i>	<i>Gracilariopsis andersonii/papenfussii</i>
<i>Anthopleura elegantissima</i>	<i>Halidrys dioica</i>
<i>Anthopleura sola</i>	<i>Heterosiphonia japonica</i>
<i>Asterina miniata</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Balanus glandula</i>	<i>Hypnea valentiae</i>
Blue green algae	<i>Jania crassa</i>
<i>Bossiella</i> spp	<i>Kelletia kellestii</i>
<i>Brachidontes/Septifer</i> spp	<i>Laurencia pacifica/masonii</i>
<i>Bryopsis</i> spp	<i>Lepidochitona dentiens</i>
<i>Bulla gouldiana</i>	<i>Lepidochitona hartwegii</i>
<i>Calliarthron</i> spp	<i>Lithopoma gibberosum</i>
<i>Caulacanthus ustulatus</i>	<i>Lithothrix aspergillum</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Littorina keenae</i>
<i>Ceratostoma nuttalli</i>	<i>Littorina plena/scutulata</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia limatula</i>
<i>Chondria oppositoclada</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chthamalus</i> spp	<i>Lottia pelta</i>
<i>Cladophora graminea</i>	<i>Lottia scabra/conus</i>
<i>Codium fragile</i>	<i>Macron lividus</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mazzaella affinis</i>
<i>Corallina</i> spp	<i>Mazzaella leptorhynchos</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Microcladia coulteri</i>
Diatoms	<i>Mopalia</i> spp
<i>Dictyopteris undulata</i>	<i>Nienburgia andersoniana</i>
<i>Dictyota binghamiae/flabellata</i>	<i>Nuttallina</i> spp
<i>Egregia menziesii</i>	<i>Ocenebra circumtexta</i>
<i>Eisenia arborea</i>	Ophiuroid
Encrusting coralline	<i>Osmundea sinicola</i>
<i>Endarachne binghamiae</i>	<i>Osmundea spectabilis</i>

*Pachydictyon coriaceum*  
*Pachygrapsus crassipes*  
*Pagurus hirsutiusculus*  
*Pagurus samuelis*  
*Petrolisthes* spp  
*Petrospongium rugosum*  
*Phragmatopoma californica*  
*Phyllospadix scouleri*  
*Phyllospadix torreyi*  
*Pisaster giganteus*  
*Plocamium cartilagineum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Prionitis* spp  
*Pseudochama exogyra*  
*Pterocladella capillacea*  
*Pterosiphonia baileyi*  
*Pterosiphonia bipinnata*

*Pugettia gracilis/richii*  
Ralfsiaceae  
*Sargassum agardhianum*  
*Sargassum muticum*  
*Scytosiphon* spp  
*Serpula vermicularis*  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Sphacelaria californica*  
*Spirorbis* spp  
*Spyridia filamentosa*  
*Taonia lennebackerae*  
*Tegula aureotincta*  
*Tegula eiseni*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tiffaniella snyderiae*  
*Ulva* spp