

**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>

**Fraser, Santa Cruz Island, California**  
**January 11, 2002**  
Species List:

<i>Acanthinucella</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Amphissa versicolor</i>	<i>Lottia pelta</i>
<i>Anthopleura elegantissima</i>	<i>Lottia scabra/conus</i>
<i>Anthopleura sola</i>	<i>Mastocarpus jardinii</i>
<i>Anthopleura xanthogrammica</i>	<i>Mastocarpus papillatus</i>
<i>Aplidium californicum/solidum</i>	<i>Mazzaella affinis</i>
<i>Balanus glandula</i>	<i>Mazzaella leptorhynchus</i>
<i>Bossiella</i> spp	<i>Mazzaella</i> spp
<i>Brachidontes/Septifer</i> spp	<i>Mopalia</i> spp
<i>Calliarthron</i> spp	<i>Mytilus californianus</i>
<i>Callithamnion pikeanum</i>	<i>Nucella emarginata/ostrina</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Nuttallina</i> spp
<i>Chaetomorpha spiralis</i>	<i>Osmundea spectabilis</i>
<i>Chondracanthus canaliculatus</i>	<i>Pachygrapsus crassipes</i>
<i>Chondracanthus spinosus</i>	<i>Pagurus hirsutiusculus</i>
<i>Chthamalus</i> spp	<i>Pagurus samuelis</i>
<i>Cladophora columbiana</i>	<i>Petrocelis</i> spp
<i>Corallina</i> spp	<i>Petrospongium rugosum</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Phragmatopoma californica</i>
<i>Dodecaceria fewkesi</i>	<i>Phyllospadix scouleri</i>
<i>Egregia menziesii</i>	<i>Phyllospadix torreyi</i>
Encrusting coralline	<i>Pisaster ochraceus</i>
<i>Endocladia muricata</i>	<i>Plocamium cartilagineum</i>
<i>Epitonium tinctum</i>	<i>Plocamium violaceum</i>
<i>Fissurella volcano</i>	<i>Pollicipes polymerus</i>
<i>Gastroclonium subarticulatum</i>	<i>Polysiphonia</i> spp
<i>Gelidium coulteri</i>	<i>Porphyra</i> spp
<i>Gelidium coulteri/pusillum</i>	<i>Prionitis lanceolata</i>
<i>Gracilaria robusta</i>	<i>Pterosiphonia baileyi</i>
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Pterosiphonia dendroidea/pennata</i>
<i>Grateloupia doryphora</i>	Ralfsiaceae
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Spirorbis</i> spp
<i>Littorina keenae</i>	<i>Strongylocentrotus purpuratus</i>
<i>Littorina plena/scutulata</i>	<i>Tegula funebris</i>
<i>Lottia austrodigitalis/digitalis</i>	<i>Tetraclita rubescens</i>
<i>Lottia limatula</i>	<i>Ulva</i> spp

