

**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>

**Andrew Molera, Monterey County, California**  
**February 3, 2004**  
Species list:

<i>Acanthinucella</i> spp	<i>Halichondria</i> spp
<i>Ahnfeltia</i> spp	<i>Haliclona</i> spp
<i>Alia</i> spp	<i>Halosaccion glandiforme</i>
<i>Amphissa versicolor</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Analipus japonicus</i>	<i>Katharina tunicata</i>
<i>Anthopleura artemisia</i>	<i>Lacuna</i> spp
<i>Anthopleura elegantissima</i>	<i>Laminaria sinclairii</i>
<i>Anthopleura sola</i>	<i>Laurencia pacifica/masonii</i>
<i>Balanus glandula</i>	<i>Lepidochitona hartwegii</i>
Blue green algae	<i>Lepidozona</i> spp
<i>Bossiella</i> spp	<i>Leptasterias</i> spp
<i>Calliarthron</i> spp	<i>Littorina keenae</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Littorina plena/scutulata</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia limatula</i>
<i>Chondracanthus spinosus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chthamalus</i> spp	<i>Lottia pelta</i>
<i>Cladophora columbiana</i>	<i>Lottia scabra/conus</i>
<i>Codium setchellii</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus jardinii</i>
<i>Corallina</i> spp	<i>Mastocarpus papillatus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella affinis</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella</i> spp
<i>Cystoseira osmundacea</i>	<i>Microcladia borealis</i>
Diatoms	<i>Mopalia</i> spp
<i>Dodecaceria fewkesi</i>	<i>Mytilus californianus</i>
<i>Egregia menziesii</i>	<i>Neorhodomela larix</i>
Encrusting coralline	<i>Nienburgia andersoniana</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Eurystomella bilabiata</i>	<i>Nuttallina</i> spp
<i>Farlowia/Pikea</i> spp	<i>Odonthalia floccosa</i>
<i>Fucus</i> spp	<i>Onchidella borealis</i>
<i>Gastroclonium subarticulatum</i>	<i>Opalia funiculata</i>
<i>Gelidium coulteri</i>	<i>Ophlitaspongia pennata</i>
<i>Gelidium coulteri/pusillum</i>	<i>Osmundea spectabilis</i>

*Pachygrapsus crassipes*  
*Pagurus granosimanus*  
*Pagurus hirsutiusculus*  
*Pagurus samuelis*  
*Pelvetiopsis* spp  
*Petrocelis* spp  
*Phaeostrophion irregulare*  
*Phragmatopoma californica*  
*Phyllospadix scouleri*  
*Phyllospadix torreyi*  
*Pisaster ochraceus*  
*Pista* spp  
*Plocamium cartilagineum*  
*Pollicipes polymerus*  
*Polyneura latissima*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*

*Prionitis lyallii*  
*Pterosiphonia dendroidea/pennata*  
*Pterygophora californica*  
*Pugettia producta*  
*Pycnopodia helianthoides*  
Ralfsiaceae  
*Rhodymenia californica*  
*Rhodymenia pacifica*  
Sculpin  
*Silvetia compressa*  
*Spirorbis* spp  
*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tonicella lineata*  
*Ulva* spp  
*Ulva taeniata*