

**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>

**Sea Ranch, Sonoma Co**  
**August 4, 2001**  
Species List:

<i>Acrosiphonia</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Alaria marginata</i>	<i>Idotea</i> spp
<i>Amphissa versicolor</i>	<i>Katharina tunicata</i>
<i>Analipus japonicus</i>	<i>Laminaria setchellii</i>
<i>Anisodoris nobilis</i>	<i>Lepidochitona dentiensi</i>
<i>Anthopleura elegantissima</i>	<i>Lepidochitona hartwegii</i>
<i>Anthopleura sola</i>	<i>Lepidozonia</i> spp
<i>Anthopleura xanthogrammica</i>	<i>Leptasterias</i> spp
<i>Balanus glandula</i>	<i>Littorina keenae</i>
Blue green algae	<i>Littorina plena/scutulata</i>
<i>Calliarthron</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Callithamnion pikeanum</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Cancer antennarius</i>	<i>Lottia pelta</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Lottia scabra/conus</i>
<i>Chthamalus</i> spp	<i>Lottia scutum</i>
<i>Cladophora columbiana</i>	<i>Mastocarpus jardinii</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus papillatus</i>
<i>Corallina</i> spp	<i>Mazzaella affinis</i>
<i>Costaria costata</i>	<i>Mazzaella</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Microcladia borealis</i>
<i>Cryptosiphonia woodii</i>	<i>Mopalia</i> spp
<i>Cystoseira osmundacea</i>	<i>Mytilus californianus</i>
<i>Dermasterias imbricata</i>	<i>Neoptilota/Ptilota</i> spp
<i>Desmarestia ligulata</i>	<i>Neorhodomela larix</i>
<i>Diaulula sandiengensis</i>	<i>Nucella canaliculata</i>
<i>Dilsea californica</i>	<i>Nucella emarginata/ostrina</i>
<i>Egregia menziesii</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Odonthalia floccosa</i>
<i>Endocladia muricata</i>	<i>Onchidella borealis</i>
<i>Erythrophyllum delesserioides</i>	<i>Ophlitaspongia pennata</i>
<i>Farlowia/Pikea</i> spp	<i>Osmundea spectabilis</i>
<i>Fucus</i> spp	<i>Pachycheles</i> spp
<i>Halichondria</i> spp	<i>Pachygrapsus crassipes</i>
<i>Haliclona</i> spp	<i>Pagurus hirsutiusculus</i>
<i>Halosaccion glandiforme</i>	<i>Pagurus samuelis</i>
<i>Hedophyllum sessile</i>	<i>Pelvetiopsis</i> spp

*Petrocelis* spp  
*Petrolisthes* spp  
*Phragmatopoma californica*  
*Phyllospadix scouleri*  
*Pisaster ochraceus*  
*Plocamium cartilagineum*  
*Plocamium violaceum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Pterosiphonia dendroidea/pennata*

*Pterosiphonia* spp  
*Pugettia producta*  
Ralfsiaceae  
Sculpin  
*Semibalanus cariosus*  
*Silvetia compressa*  
*Strongylocentrotus franciscanus*  
*Strongylocentrotus purpuratus*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tonicella lineata*  
*Ulva* spp