

**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>

**Boat House, Santa Barbara County, California**  
**March 21, 2001**

Species list:

<i>Acanthinucella</i> spp	<i>Hesperophycus harveyanus</i>
<i>Analipus japonicus</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Anthopleura elegantissima</i>	<i>Idotea</i> spp
<i>Anthopleura sola</i>	<i>Laminaria sinclairii</i>
<i>Anthopleura xanthogrammica</i>	<i>Lepidochitona hartwegii</i>
<i>Asterina miniata</i>	<i>Leptasterias</i> spp
<i>Balanus glandula</i>	<i>Littorina keenae</i>
Blue green algae	<i>Littorina plena/scutulata</i>
<i>Bossiella</i> spp	<i>Littorina</i> spp
<i>Brachidontes/Septifer</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Calliarthron</i> spp	<i>Lottia limatula</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>Chaetomorpha</i> spp	<i>Lottia scutum</i>
<i>Chondracanthus canaliculatus</i>	<i>Mastocarpus papillatus</i>
<i>Chondracanthus corymbiferus/exaspertata</i>	<i>Mazzaella affinis</i>
<i>Chondracanthus spinosus</i>	<i>Mazzaella leptorhynchus</i>
<i>Chthamalus</i> spp	<i>Mazzaella</i> spp
<i>Cladophora columbiana</i>	<i>Mopalia</i> spp
<i>Codium fragile</i>	<i>Mytilus californianus</i>
<i>Corallina</i> spp	<i>Neorhodomela larix</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nucella canaliculata</i>
<i>Cumagloia andersonii</i>	<i>Nucella emarginata/ostrina</i>
<i>Cystoseira osmundacea</i>	<i>Nuttallina</i> spp
Diatoms	<i>Osmundea spectabilis</i>
<i>Dodecaceria fewkesi</i>	<i>Pachygrapsus crassipes</i>
<i>Egregia menziesii</i>	<i>Pagurus granosimanus</i>
Encrusting coralline	<i>Pagurus hirsutiusculus</i>
<i>Endocladia muricata</i>	<i>Pagurus samuelis</i>
<i>Fissurella volcano</i>	<i>Petrocelis</i> spp
<i>Fucus</i> spp	<i>Petrospongium rugosum</i>
<i>Gastroclonium subarticulatum</i>	<i>Phragmatopoma californica</i>
<i>Gelidium</i> spp	<i>Phyllospadix scouleri</i>
<i>Halosaccion glandiforme</i>	<i>Phyllospadix torreyi</i>

*Pisaster ochraceus*  
*Pista* spp  
*Pollicipes polymerus*  
*Porphyra* spp  
*Prionitis lanceolata*  
*Prionitis lyallii*  
*Pterosiphonia dendroidea/pennata*

Ralfsiaceae  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Strongylocentrotus purpuratus*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Ulva* spp

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**Boat House, Santa Barbara County, California**  
**March 18, 2007**

Species list:

<i>Acanthinucella</i> spp	<i>Leptasterias</i> spp
<i>Alia</i> spp	<i>Littorina keenae</i>
<i>Analipus japonicus</i>	<i>Littorina plena/scutulata</i>
<i>Anthopleura elegantissima</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Anthopleura sola</i>	<i>Lottia limatula</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia ochracea</i>
<i>Balanus glandula</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Bittium eschrichtii</i>	<i>Lottia pelta</i>
bluegreen algae	<i>Lottia scabra/conus</i>
<i>Bossiella</i> spp	<i>Lottia scutum</i>
<i>Brachidontes/Septifer</i> spp	<i>Mastocarpus jardinii</i>
<i>Calliarthron</i> spp	<i>Mastocarpus papillatus</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Mazzaella affinis</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella leptorhynchos</i>
<i>Chondracanthus corymbiferus/exaspertata</i>	<i>Mazzaella</i> spp
<i>Chthamalus</i> spp	<i>Mopalia</i> spp
<i>Cladophora columbiana</i>	<i>Mytilus californianus</i>
<i>Colpomenia/Leathesia</i> spp	<i>Neorhodomela larix</i>
<i>Corallina</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nuttallina</i> spp
<i>Cystoseira osmundacea</i>	<i>Ocenebra circumtexta</i>
diatoms	<i>Osmundea spectabilis</i>
<i>Dodecaceria fewkesi</i>	<i>Pachygrapsus crassipes</i>
Encrusting coralline	<i>Pagurus granosimanus</i>
<i>Endocladia muricata</i>	<i>Pagurus hirsutiusculus</i>
<i>Eurystomella bilabiata</i>	<i>Pagurus samuelis</i>
<i>Fissurella volcano</i>	<i>Petrocelis</i> spp
<i>Fucus</i> spp	<i>Petrospongium rugosum</i>
<i>Gastroclonium subarticulatum</i>	<i>Phragmatopoma californica</i>
<i>Gelidium coulteri</i>	<i>Phyllospadix torreyi</i>
<i>Gelidium pusillum</i>	<i>Pisaster ochraceus</i>
<i>Halidrys dioica</i>	<i>Pollicipes polymerus</i>
<i>Hesperophycus harveyanus</i>	<i>Polysiphonia</i> spp
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Porphyra</i> spp
<i>Lepidochitona dentiens</i>	<i>Prionitis lanceolata</i>
<i>Lepidochitona hartwegii</i>	<i>Prionitis lyallii</i>

*Pterosiphonia dendroidea/pennata*  
*Ralfsiaceae*  
*Rhodymenia pacifica*  
*Sarcodiotheca gaudichaudii*  
*Sargassum agardhianum*  
*Sargassum muticum*  
sculpin  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Spirobranchus spinosus*  
*Spirorbis* spp  
*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tonicella lineata/lokii*  
*Ulva* spp