

**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>

**Little Harbor, Santa Catalina Island, California**

**April 21, 2002**

Species List:

<i>Acrosorium ciliolatum</i>	<i>Heterosiphonia japonica</i>
<i>Analipus japonicus</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Anthopleura elegantissima</i>	<i>Hypnea valentiae</i>
<i>Anthopleura sola</i>	<i>Jania crassa</i>
<i>Aalanus glandula</i>	<i>Jania tenella</i>
Blue green algae	<i>Laurencia pacifica/masonii</i>
<i>Bossiella</i> spp	<i>Lepidochitona hartwegii</i>
<i>Brachidontes/Septifer</i> spp	<i>Lithothrix aspergillum</i>
<i>Callithamnion rupicola</i>	<i>Littorina keenae</i>
<i>Callophyllis</i> spp	<i>Littorina plena/scutulata</i>
<i>Carpopeltis bushiae</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Caulacanthus ustulatus</i>	<i>Lottia limatula</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia ochracea</i>
<i>Ceratostoma nuttalli</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia pelta</i>
<i>Chondracanthus spinosus</i>	<i>Lottia persona</i>
<i>Chthamalus</i> spp	<i>Lottia scabra/conus</i>
<i>Cladophora columbiana</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Macron lividus</i>
<i>Conus californicus</i>	<i>Maxwellia gemma</i>
<i>Corallina</i> spp	<i>Mazzaella affinis</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella leptorhynchos</i>
<i>Dendropoma lituella</i>	<i>Mimulus foliatus</i>
<i>Egregia menziesii</i>	<i>Mytilus californianus</i>
<i>Eisenia arborea</i>	<i>Nemalion helminthoides</i>
Encrusting coralline	<i>Nuttallina</i> spp
<i>Endocladia muricata</i>	<i>Osmundea sinicola</i>
<i>Fissurella volcano</i>	<i>Osmundea spectabilis</i>
<i>Gastroclonium parvum</i>	<i>Pachydictyon coriaceum</i>
<i>Gastroclonium subarticulatum</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium coulteri</i>	<i>Pagurus hirsutiusculus</i>
<i>Gelidium purpurascens</i>	<i>Pagurus samuelis</i>
<i>Gelidium robustum</i>	<i>Petalococonchus montereyensis</i>
<i>Halidrys dioica</i>	<i>Petrospongium rugosum</i>
<i>Haliphtylon gracile</i>	<i>Phragmatopoma californica</i>
<i>Herposiphonia verticillata</i>	<i>Phyllospadix scouleri</i>

*Phyllospadix torreyi*  
*Plocamium cartilagineum*  
*Pollicipes polymerus*  
*Porphyra* spp  
*Pseudochama exogyra*  
*Pseudolithoderma nigra*  
*Pterocladia media*  
*Pteroclatiella caloglossoides*  
*Pteroclatiella capillacea*  
*Pterosiphonia baileyi*  
*Pterosiphonia dendroidea/pennata*  
Ralfsiaceae  
*Rhodomenia californica*

*Ritterella* spp  
*Roperia poulsoni*  
*Sargassum agardhianum*  
*Sargassum muticum*  
*Scytosiphon* spp  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Spirobranchus spinosus*  
*Tegula eiseni*  
*Tetraclita rubescens*  
*Tiffaniella snyderiae*  
*Ulva* spp  
*Zonaria farlowii*

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**Little Harbor, Catalina Island, California**  
**March 15, 16, 2007**  
Species list

<i>Alia</i> spp	<i>Laurencia pacifica/masonii</i>
<i>Anthopleura elegantissima</i>	<i>Lepidochitona dentiens</i>
<i>Archidistoma psammion</i>	<i>Lepidochitona hartwegii</i>
<i>Balanus glandula</i>	<i>Lepidozona</i> spp
blue green algae	<i>Ligia</i> spp
<i>Bossiella</i> spp	<i>Lithothrix aspergillum</i>
<i>Brachidontes/Septifer</i> spp	<i>Littorina keenae</i>
<i>Caulacanthus ustulatus</i>	<i>Littorina plena/scutulata</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia limatula</i>
<i>Chthamalus</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Colpomenia/Leathesia</i> spp	<i>Lottia pelta</i>
<i>Conus californicus</i>	<i>Lottia scabra/conus</i>
<i>Corallina</i> spp	<i>Lottia scutum</i>
<i>Crepidatella lingulata</i>	<i>Macron lividus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Maxwellia gemma</i>
<i>Cumagloia andersonii</i>	<i>Mazzaella affinis</i>
<i>Dendropoma lituella</i>	<i>Mazzaella leptorhynchos</i>
diatoms	<i>Mytilus californianus</i>
<i>Dictyota binghamiae/flabellata</i>	<i>Nemalion helminthoides</i>
<i>Egria menziesii</i>	<i>Nuttallina</i> spp
<i>Eisenia arborea</i>	<i>Ocenebra interfossa</i>
encrusting coralline	<i>Osmundea sinicola</i>
<i>Endarachne binghamiae</i>	<i>Osmundea spectabilis</i>
<i>Endocladia muricata</i>	<i>Pachydictyon coriaceum</i>
<i>Fissurella volcano</i>	<i>Pachygrapsus crassipes</i>
<i>Gastroclonium parvum</i>	<i>Pagurus hirsutiusculus</i>
<i>Gelidium coulteri</i>	<i>Pagurus samuelis</i>
<i>Gelidium purpurascens</i>	<i>Petalocochus montereyensis</i>
<i>Gelidium pusillum</i>	<i>Petrocelis</i> spp
<i>Gelidium robustum</i>	<i>Petrolisthes</i> spp
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Petrospongium rugosum</i>
<i>Halidrys dioica</i>	<i>Phaeostrophion irregulare</i>
<i>Hemigrapsus nudus</i>	<i>Phragmatopoma californica</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Phyllospadix scouleri</i>
<i>Jania crassa</i>	<i>Phyllospadix torreyi</i>

*Plocamium pacificum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Pseudolithoderma nigra*  
*Pterocladia media*  
*Pteroclatiella capillacea*  
*Pterosiphonia dendroidea/pennata*  
*Pugettia gracilis/richii*  
ralfsiaceae  
*Rhodymenia pacifica*  
*Sargassum agardhianum*  
*Sargassum muticum*

*Scytosiphon* spp  
*Serpula vermicularis*  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
SNI limpet  
*Spirobranchus spinosus*  
*Spirorbis* spp  
*Tegula aureotincta*  
*Tegula eiseni*  
*Tegula gallina*  
*Tetraclita rubescens*  
*Ulva* spp  
*Zonaria farlowii*