

**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>

**Scott Creek, Santa Cruz Co**  
**January 15, 2003**  
Species list:

<i>Abietinaria</i> spp	<i>Littorina plena/scutulata</i>
<i>Acanthinucella</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Aeolidia papillosa</i>	<i>Lottia limatula</i>
<i>Analipus japonicus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Anthopleura elegantissima</i>	<i>Lottia pelta</i>
<i>Anthopleura sola</i>	<i>Lottia scabra/conus</i>
<i>Anthopleura xanthogrammica</i>	<i>Mastocarpus jardinii</i>
<i>Balanus glandula</i>	<i>Mastocarpus papillatus</i>
Blue green algae	<i>Mazzaella affinis</i>
<i>Bossiella</i> spp	<i>Mazzaella</i> spp
<i>Calliarthron</i> spp	<i>Microcladia borealis</i>
<i>Callithamnion pikeanum</i>	<i>Mopalia</i> spp
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Mytilus californianus</i>
<i>Chaetomorpha spiralis</i>	<i>Mytilus galloprovincialis/trossulus</i>
<i>Chondracanthus canaliculatus</i>	<i>Neorhodomela larix</i>
<i>Chthamalus</i> spp	<i>Neorhodomela oregona</i>
<i>Cladophora columbiana</i>	<i>Nucella canaliculata</i>
<i>Codium setchellii</i>	<i>Nucella emarginata/ostrina</i>
<i>Corallina</i> spp	<i>Nuttallina</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Odonthalia floccosa</i>
<i>Cryptosiphonia woodii</i>	<i>Pachygrapsus crassipes</i>
Diatoms	<i>Pagurus hirsutiusculus</i>
<i>Egregia menziesii</i>	<i>Pagurus samuelis</i>
Encrusting coralline	<i>Pelvetiopsis</i> spp
<i>Endocladia muricata</i>	<i>Petalonia fascia</i>
<i>Farlowia/pikea</i> spp	<i>Petrocelis</i> spp
<i>Fucus</i> spp	<i>Petrospongium rugosum</i>
<i>Gastroclonium subarticulatum</i>	<i>Phaeostrophion irregulare</i>
<i>Gelidium coulteri</i>	<i>Phragmatopoma californica</i>
<i>Halosaccion glandiforme</i>	<i>Phyllospadix scouleri</i>
<i>Halymenia/Schizymenia</i> spp	<i>Phyllospadix torreyi</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Pisaster ochraceus</i>
<i>Idotea</i> spp	<i>Plocamium violaceum</i>
<i>Lacuna</i> spp	<i>Pollicipes polymerus</i>
<i>Lepidochitona dentiens</i>	<i>Polysiphonia</i> spp
<i>Lepidochitona hartwegii</i>	<i>Prionitis lanceolata</i>

*Pterosiphonia bipinnata*  
*Pterosiphonia dendroidea/pennata*  
Ralfsiaceae  
*Scytosiphon* spp  
*Semibalanus cariosus*

*Silvetia compressa*  
*Strongylocentrotus purpuratus*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Ulva* spp

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**Scott Creek, Santa Cruz County**  
**December 3-4, 2006**

Species list:

<i>Acanthinucella</i> spp	<i>Hildenbrandia/peyssonnelia</i> spp
<i>Analipus japonicus</i>	<i>Idotea</i> spp
<i>Anthopleura elegantissima</i>	<i>Lacuna</i> spp
<i>Anthopleura sola</i>	<i>Laminaria setchellii</i>
<i>Anthopleura xanthogrammica</i>	<i>Laminaria sinclairii</i>
<i>Balanus glandula</i>	<i>Laurencia pacifica/masonii</i>
Blue green algae	<i>Lepidochitona dentiens</i>
<i>Bossiella</i> spp	<i>Lepidozona</i> spp
<i>Calliarthron</i> spp	<i>Leptasterias</i> spp
<i>Calliostoma ligatum</i>	<i>Littorina plena/scutulata</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia limatula</i>
<i>Chondracanthus canaliculatus</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 fragile</i>	<i>Lottia scutum</i>
<i>Codium setchellii</i>	<i>Mastocarpus jardinii</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus papillatus</i>
<i>Corallina</i> spp	<i>Mazzaella affinis</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella linearis</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella oregona</i>
<i>Dilsea californica</i>	<i>Mazzaella</i> spp
<i>Dodecaceria fewkesi</i>	<i>Microcladia borealis</i>
<i>Egregia menziesii</i>	<i>Mopalia</i> spp
Encrusting coralline	<i>Mytilus californianus</i>
<i>Endocladia muricata</i>	<i>Neorhodomela larix</i>
<i>Epitonium tinctum</i>	<i>Neorhodomela oregona</i>
<i>Eurystomella bilabiata</i>	<i>Nucella emarginata/ostrina</i>
<i>Farlowia/Pikea</i> spp	<i>Nuttallina</i> spp
<i>Fucus</i> spp	<i>Ocenebra circumtexta</i>
<i>Gastroclonium subarticulatum</i>	<i>Odonthalia floccosa</i>
<i>Gelidium coulteri</i>	<i>Onchidella borealis</i>
<i>Gelidium pusillum</i>	<i>Pachygrapsus crassipes</i>
<i>Gymnogongrus chiton</i>	<i>Pagurus granosimanus</i>
<i>Haliclona</i> spp	<i>Pagurus hirsutiusculus</i>
<i>Halosaccion glandiforme</i>	<i>Pagurus samuelis</i>

*Pelvetiopsis* spp  
*Petrocelis* spp  
*Petrospongium rugosum*  
*Phragmatopoma californica*  
*Phyllospadix torreyi*  
*Pisaster ochraceus*  
*Plocamium pacificum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Pterocladia capillacea*

*Pterosiphonia dendroidea/pennata*  
*Pugettia producta*  
Ralfsiaceae  
*Scytosiphon* spp  
*Sertularella turgida*  
*Silvetia compressa*  
*Strongylocentrotus purpuratus*  
*Styela montereyensis*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetracita rubescens*  
*Ulva* spp