

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) 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>

Hazards, San Luis Obispo County, California

April 2, 2001

Species list:

<i>Acanthinucella</i> spp	<i>Erythroglossum californicum</i>
<i>Acrosiphonia</i> spp	<i>Farlowia mollis</i>
<i>Alia</i> spp	<i>Farlowia/Pikea</i> spp
<i>Amphissa versicolor</i>	<i>Gastroclonium subarticulatum</i>
<i>Analipus japonicus</i>	<i>Gelidium</i> spp
<i>Anthopleura elegantissima</i>	<i>Gracilariopsis andersonii/papenfussii</i>
<i>Anthopleura sola</i>	<i>Grateloupia doryphora</i>
<i>Anthopleura xanthogrammica</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Asterina miniata</i>	<i>Hypnea johnstonii</i>
<i>Balanus glandula</i>	<i>Idotea</i> spp
<i>Bangia</i> spp	<i>Lacuna</i> spp
<i>Bittium eschrichtii</i>	<i>Laminaria sinclairii</i>
Blue green algae	<i>Lepidochitona hartwegii</i>
<i>Bossiella</i> spp	<i>Lithothrix aspergillum</i>
<i>Calliarthron</i> spp	<i>Littorina keenae</i>
<i>Calliostoma ligatum</i>	<i>Littorina plena/scutulata</i>
<i>Callithamnion pikeanum</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Lottia limatula</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondria nidifica</i>	<i>Lottia pelta</i>
<i>Chthamalus</i> spp	<i>Lottia scabra/conus</i>
<i>Cladophora columbiana</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus jardinii</i>
<i>Constantinea simplex</i>	<i>Mastocarpus papillatus</i>
<i>Conus californicus</i>	<i>Mazzaella affinis</i>
<i>Corallina</i> spp	<i>Mazzaella leptorhynchos</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella</i> spp
<i>Cryptosiphonia woodii</i>	<i>Microcladia coulteri</i>
<i>Cumagloia andersonii</i>	<i>Mopalia</i> spp
<i>Cystoseira osmundacea</i>	<i>Mytilus californianus</i>
<i>Dasya binghamiae</i>	<i>Nemalion helminthoides</i>
<i>Desmarestia ligulata</i>	<i>Neoptilota/ptilota</i> spp
Diatoms	<i>Neorhodomela larix</i>
<i>Egregia menziesii</i>	<i>Neorhodomela oregona</i>
Encrusting coralline	<i>Nucella canaliculata</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Epitonium tinctum</i>	<i>Nuttallina</i> spp

Ocenebra circumtexta
Odonthalia floccosa
Osmundea spectabilis
Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Pelvetiopsis spp
Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Plocamium violaceum
Pollicipes polymerus
Polysiphonia spp

Porphyra spp
Prionitis lanceolata
Prionitis lyallii
Pterosiphonia bipinnata
Pterosiphonia spp
Pugettia gracilis/richii
Pugettia producta
Ralfsiaceae
Sarcodiotheca gaudichaudii
Sargassum muticum
Scytosiphon spp
Silvetia compressa
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tricolia pulloides
Ulva spp

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Hazards, San Luis Obispo Co., California
March 5 & 6, 2005

Species list:

<i>Acanthinucella</i> spp	<i>Farlowia/Pikea</i> spp
<i>Alia</i> spp	<i>Gastroclonium subarticulatum</i>
<i>Amphissa versicolor</i>	<i>Gelidium coulteri</i>
<i>Analipus japonicus</i>	<i>Gelidium coulteri/pusillum</i>
<i>Anthopleura elegantissima</i>	<i>Gelidium pusillum</i>
<i>Anthopleura sola</i>	<i>Grateloupia doryphora</i>
<i>Asterina miniata</i>	<i>Halichondria</i> spp
<i>Balanus glandula</i>	<i>Halymenia/Schizymenia</i> spp
<i>Bangia</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Bittium eschrichtii</i>	<i>Idotea</i> spp
Blue green algae	<i>Laminaria setchellii</i>
<i>Bossiella</i> spp	<i>Laurencia pacifica/masonii</i>
<i>Calliarthron</i> spp	<i>Lepidochitona dentiens</i>
<i>Callithamnion pikeanum</i>	<i>Lepidochitona hartwegii</i>
<i>Caulacanthus ustulatus</i>	<i>Leptopecten</i> spp
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Littorina keenae</i>
<i>Ceratostoma foliatum</i>	<i>Littorina plena/scutulata</i>
Chiton	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia limatula</i>
<i>Chondria decipiens</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chthamalus</i> spp	<i>Lottia pelta</i>
<i>Cladophora columbiana</i>	<i>Lottia scabra/conus</i>
<i>Corallina</i> spp	<i>Lottia scutum</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mastocarpus papillatus</i>
<i>Cumagloia andersonii</i>	<i>Mazzaella affinis</i>
<i>Cystoseira osmundacea</i>	<i>Mazzaella leptorhynchos</i>
Diatoms	<i>Mazzaella</i> spp
<i>Dilsea californica</i>	<i>Megabalanus californicus</i>
<i>Dodecaceria fewkesi</i>	<i>Mopalia</i> spp
<i>Egregia menziesii</i>	<i>Mytilus californianus</i>
Encrusting coralline	<i>Neorhodomela larix</i>
<i>Endocladia muricata</i>	<i>Nienburgia andersoniana</i>
<i>Epitonium tinctum</i>	<i>Nucella emarginata/ostrina</i>
<i>Erythrophyllum delesserioides</i>	<i>Nuttallina</i> spp
<i>Eurystomella bilabiata</i>	<i>Odonthalia floccosa</i>
<i>Farlowia mollis</i>	<i>Osmundea spectabilis</i>

Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiussculus
Pagurus samuelis
Pelvetiopsis spp
Petalonia fascia
Petrocelis spp
Petrospongium rugosum
Phaeostrophion irregulare
Phragmatopoma californica
Phycodrys setchellii
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Pollicipes polymerus

Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Ralfsiaceae
Sarcodiotheca gaudichaudii
Scytosiphon spp
Silvetia compressa
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Ulva spp