

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>

Pt Sierra Nevada, San Luis Obispo County, California
April 3, 2001

Species list:

<i>Alaria marginata</i>	<i>Littorina plena/scutulata</i>
<i>Alia</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Analipus japonicus</i>	<i>Lottia limatula</i>
<i>Anthopleura elegantissima</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Anthopleura sola</i>	<i>Lottia pelta</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia scabra/conus</i>
<i>Aplidium californicum/solidum</i>	<i>Lottia scutum</i>
<i>Balanus glandula</i>	<i>Mastocarpus jardinii</i>
<i>Bittium eschrichtii</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>Microcladia coulteri</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mopalia</i> spp
<i>Chondracanthus canaliculatus</i>	<i>Mytilus californianus</i>
<i>Chthamalus</i> spp	<i>Neoptilota/ptilota</i> spp
<i>Cladophora columbiana</i>	<i>Nucella canaliculata</i>
<i>Corallina</i> spp	<i>Nucella emarginata</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nuttallina</i> spp
<i>Egregia menziesii</i>	<i>Onchidella borealis</i>
Encrusting coralline	<i>Ophlitaspongia pennata</i>
<i>Endocladia muricata</i>	<i>Osmundea spectabilis</i>
<i>Fissurella volcano</i>	<i>Pachygrapsus crassipes</i>
<i>Gastroclonium subarticulatum</i>	<i>Pagurus hirsutiusculus</i>
<i>Gelidium</i> spp	<i>Pagurus samuelis</i>
<i>Halichondria</i> spp	<i>Pelvetiopsis</i> spp
<i>Haliclona</i> spp	<i>Petrocelis</i> spp
<i>Halosaccion glandiforme</i>	<i>Petrolisthes</i> spp
<i>Hesperophycus harveyanus</i>	<i>Petrospongium rugosum</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Phragmatopoma californica</i>
<i>Lacuna</i> spp	<i>Phyllospadix scouleri</i>
<i>Laminaria setchellii</i>	<i>Pisaster ochraceus</i>
<i>Lepidochitona hartwegii</i>	<i>Pollicipes polymerus</i>
<i>Leptasterias</i> spp	<i>Porphyra</i> spp
<i>Lithothrix aspergillum</i>	<i>Prionitis lanceolata</i>
<i>Littorina keenae</i>	Ralfsiaceae

Rhodymenia californica
Scytosiphon spp
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus

Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp

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Pt Sierra Nevada

April 18, 2003

Species list:

<i>Aglaophenia latirostris</i>	<i>Gelidium coulteri/pusillum</i>
<i>Alaria marginata</i>	<i>Halichondria</i> spp
<i>Analipus japonicus</i>	<i>Haliclona</i> spp
<i>Anthopleura elegantissima</i>	<i>Halosaccion glandiforme</i>
<i>Anthopleura sola</i>	<i>Hesperophycus harveyanus</i>
<i>Anthopleura xanthogrammica</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Archidistoma psammion</i>	<i>Laminaria setchellii</i>
<i>Asterina miniata</i>	<i>Lepidochitona dentiens</i>
<i>Balanus glandula</i>	<i>Lepidochitona hartwegii</i>
Blue green algae	<i>Leptasterias</i> spp
<i>Bossiella</i> spp	<i>Littorina keenae</i>
<i>Brachidontes/Septifer</i> spp	<i>Littorina plena/scutulata</i>
<i>Bugula</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Calliarthron</i> spp	<i>Lottia limatula</i>
<i>Callithamnion pikeanum</i>	<i>Lottia ochracea</i>
<i>Callophyllis violacea</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia pelta</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia scabra/conus</i>
<i>Chondracanthus spinosus</i>	<i>Mastocarpus jardinii</i>
<i>Chthamalus</i> spp	<i>Mastocarpus papillatus</i>
<i>Cladophora columbiana</i>	<i>Mazzaella affinis</i>
<i>Corallina</i> spp	<i>Mazzaella</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Membranipora</i> spp
<i>Cucumaria pseudocurata</i>	<i>Metandrocarpa taylori</i>
<i>Cumagloia andersonii</i>	<i>Microcladia borealis</i>
<i>Dermasterias imbricata</i>	<i>Microcladia coulteri</i>
<i>Dodecaceria fewkesi</i>	<i>Mopalia</i> spp
<i>Egredia menziesii</i>	<i>Mytilus californianus</i>
Encrusting coralline	<i>Nucella canaliculata</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Epiactis prolifera</i>	<i>Nuttallina</i> spp
<i>Erythrophyllum delesserioides</i>	<i>Onchidella borealis</i>
<i>Farlowia/Pikea</i> spp	<i>Ophlitaspongia pennata</i>
<i>Fucus</i> spp	<i>Osmundea spectabilis</i>
<i>Gastroclonium subarticulatum</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium coulteri</i>	<i>Pagurus granosimanus</i>

Pagurus samuelis
Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Phyllospadix scouleri
Pisaster ochraceus
Plocamium violaceum
Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pterosiphonia baileyi
Pugettia gracilis/richii
Pugettia producta

Pycnopodia helianthoides
Ralfsiaceae
Ritterella spp
Scytosiphon spp
Serpulorbis squamigerus
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp

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Pt Sierra Nevada, San Luis Obispo County, California

April 4, 2004

Species list:

<i>Acrosiphonia</i> spp	<i>Lacuna</i> spp
<i>Aglaophenia latirostris</i>	<i>Laminaria setchellii</i>
<i>Alaria marginata</i>	<i>Lepidochitona dentiens</i>
<i>Analipus japonicus</i>	<i>Lepidochitona hartwegii</i>
<i>Anthopleura elegantissima</i>	<i>Leptasterias</i> spp
<i>Anthopleura sola</i>	<i>Ligia</i> spp
<i>Anthopleura xanthogrammica</i>	<i>Littorina keenae</i>
<i>Aplidium arenatum/propinquum</i>	<i>Littorina plena/scutulata</i>
<i>Aplidium californicum/solidum</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Archidistoma psammion</i>	<i>Lottia limatula</i>
<i>Balanus glandula</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Bossiella</i> spp	<i>Lottia pelta</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia scabra/conus</i>
<i>Bugula</i> spp	<i>Lottia scutum</i>
<i>Calliarthron</i> spp	<i>Mastocarpus jardinii</i>
<i>Callithamnion pikeanum</i>	<i>Mastocarpus papillatus</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella affinis</i>
<i>Chthamalus</i> spp	<i>Mazzaella leptorhynchus</i>
<i>Cladophora columbiana</i>	<i>Mazzaella</i> spp
<i>Colpomenia/Leathesia</i> spp	<i>Microcladia borealis</i>
<i>Corallina</i> spp	<i>Mytilus californianus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nucella emarginata/ostrina</i>
Diatoms	<i>Nuttallina</i> spp
<i>Dodecaceria fewkesi</i>	<i>Odonthalia floccosa</i>
<i>Egregia menziesii</i>	<i>Ophlitaspongia pennata</i>
Encrusting coralline	<i>Osmundea spectabilis</i>
<i>Endocladia muricata</i>	<i>Pachygrapsus crassipes</i>
<i>Epiactis prolifera</i>	<i>Pagurus hirsutiusculus</i>
<i>Eurystomella bilabiata</i>	<i>Pagurus samuelis</i>
<i>Farlowia/Pikea</i> spp	<i>Petrocelis</i> spp
<i>Gastroclonium subarticulatum</i>	<i>Petrospongium rugosum</i>
<i>Gelidium coulteri</i>	<i>Phragmatopoma californica</i>
<i>Halichondria</i> spp	<i>Phyllospadix scouleri</i>
<i>Halosaccion glandiforme</i>	<i>Phyllospadix torreyi</i>
<i>Hesperophycus harveyanus</i>	<i>Pisaster ochraceus</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Plocamium cartilagineum</i>

Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pseudolithoderma nigra
Ralfsiaceae
Ritterella spp
Scytosiphon spp

Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp