

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:

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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>

Stairs, Santa Barbara Country
March 20, 2001

Species list:

<i>Acanthinucella</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Analipus japonicus</i>	<i>Lottia fenestrata</i>
<i>Anthopleura elegantissima</i>	<i>Lottia limatula</i>
<i>Anthopleura sola</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia pelta</i>
<i>Balanus glandula</i>	<i>Lottia scabra/conus</i>
Blue green algae	<i>Lottia scutum</i>
<i>Bossiella</i> spp	<i>Mastocarpus jardinii</i>
<i>Brachidontes/septifer</i> spp	<i>Mastocarpus papillatus</i>
<i>Calliarthron</i> spp	<i>Mazzaella affinis</i>
<i>Callithamnion pikeanum</i>	<i>Mazzaella leptorhynchus</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mazzaella</i> spp
<i>Chondracanthus canaliculatus</i>	<i>Microcladia borealis</i>
<i>Chthamalus</i> spp	<i>Microcladia coulteri</i>
<i>Cladophora columbiana</i>	<i>Mytilus californianus</i>
<i>Colpomenia/leathesia</i> spp	<i>Neorhodomela larix</i>
<i>Corallina</i> spp	<i>Nucella emarginata</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Cryptosiphonia woodii</i>	<i>Ocenebra circumtexta</i>
<i>Cumagloia andersonii</i>	<i>Osmundea spectabilis</i>
Diatoms	<i>Pachygrapsus crassipes</i>
Encrusting coralline	<i>Pagurus hirsutiusculus</i>
<i>Endocladia muricata</i>	<i>Pagurus samuelis</i>
<i>Fucus</i> spp	<i>Pelvetiopsis</i> spp
<i>Gastroclonium subarticulatum</i>	<i>Petrocelis</i> spp
<i>Gelidium coulteri</i>	<i>Petrospongium rugosum</i>
<i>Gelidium</i> spp	<i>Phragmatopoma californica</i>
<i>Haliclona</i> spp	<i>Phyllospadix scouleri</i>
<i>Halosaccion glandiforme</i>	<i>Phyllospadix torreyi</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Pisaster ochraceus</i>
<i>Laminaria sinclairii</i>	<i>Pista</i> spp
<i>Lepidochitona hartwegii</i>	<i>Plocamium cartilagineum</i>
<i>Leptasterias</i> spp	<i>Pollicipes polymerus</i>
<i>Lithothrix aspergillum</i>	<i>Porphyra</i> spp
<i>Littorina keenae</i>	<i>Prionitis lanceolata</i>
<i>Littorina plena/scutulata</i>	<i>Prionitis lyallii</i>

Pterosiphonia dendroidea/pennata
Ralfsiaceae
Scytosiphon spp
Silvetia compressa
Spirorbis spp

Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Ulva spp

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Stairs, Santa Barbara Co

March 25, 2003

Species list:

<i>Acanthinucella</i> spp	<i>Grateloupia doryphora</i>
<i>Alia</i> spp	<i>Halosaccion glandiforme</i>
<i>Amphissa versicolor</i>	<i>Halymenia/Schizymenia</i> spp
<i>Analipus japonicus</i>	<i>Haplogloia andersonii</i>
<i>Anthopleura elegantissima</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Anthopleura sola</i>	<i>Idotea</i> spp
<i>Balanus glandula</i>	<i>Lacuna</i> spp
<i>Bittium eschrichtii</i>	<i>Laminaria sinclairii</i>
Blue green algae	<i>Lepidochitona dentiens</i>
<i>Bossiella</i> spp	<i>Lepidochitona hartwegii</i>
<i>Brachidontes/Septifer</i> spp	<i>Leptasterias</i> spp
<i>Calliarthron</i> spp	<i>Littorina keenae</i>
<i>Callithamnion pikeanum</i>	<i>Littorina plena/scutulata</i>
<i>Cancer antennarius</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia limatula</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia ochracea</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>Corallina</i> spp	<i>Mastocarpus jardinii</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mastocarpus papillatus</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella affinis</i>
<i>Cumagloia andersonii</i>	<i>Mazzaella leptorhynchos</i>
<i>Desmarestia ligulata</i>	<i>Mazzaella</i> spp
Diatoms	<i>Microcladia borealis</i>
<i>Egregia menziesii</i>	<i>Mopalia</i> spp
Encrusting coralline	<i>Mytilus californianus</i>
<i>Endocladia muricata</i>	<i>Neoptilota/Ptilota</i> spp
<i>Erythrogloum californicum</i>	<i>Neorhodomela larix</i>
<i>Erythrophyllum delesserioides</i>	<i>Nienburgia andersoniana</i>
<i>Farlowia mollis</i>	<i>Nucella emarginata/ostrina</i>
<i>Farlowia/Pikea</i> spp	<i>Nuttallina</i> spp
<i>Fucus</i> spp	<i>Osmundea spectabilis</i>
<i>Gastroclonium subarticulatum</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium coulteri</i>	<i>Pagurus granosimanus</i>
<i>Gelidium robustum</i>	<i>Pagurus hirsutiusculus</i>
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Pagurus samuelis</i>

Pelvetiopsis spp
Petalonia fascia
Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Pollicipes polymerus
Polyneura latissima
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Prionitis lyallii

Pterosiphonia baileyi
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Pugettia producta
Ralfsiaceae
Sarcodiotheca gaudichaudii
Scytosiphon spp
Silvetia compressa
Strongylocentrotus purpuratus
Styela montereyensis
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Ulva spp

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Stairs, Santa Barbara Co.
February 2, 2004
Species list:

<i>Alia</i> spp	<i>Halosaccion glandiforme</i>
<i>Amphissa versicolor</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Analipus japonicus</i>	<i>Lacuna</i> spp
<i>Anthopleura elegantissima</i>	<i>Laurencia pacifica/masonii</i>
<i>Anthopleura sola</i>	<i>Lepidochitona dentiens</i>
<i>Balanus glandula</i>	<i>Lepidochitona hartwegii</i>
<i>Bangia</i> spp	<i>Leptasterias</i> spp
<i>Bittium eschrichtii</i>	<i>Ligia</i> spp
Blue green algae	<i>Littorina keenae</i>
<i>Bossiella</i> spp	<i>Littorina plena/scutulata</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Calliarthron</i> spp	<i>Lottia limatula</i>
<i>Calliostoma canaliculatum</i>	<i>Lottia ochracea</i>
<i>Callithamnion pikeanum</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Lottia pelta</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia scabra/conus</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia scutum</i>
<i>Chthamalus</i> spp	<i>Mastocarpus jardinii</i>
<i>Cladophora columbiana</i>	<i>Mastocarpus papillatus</i>
<i>Colpomenia/Leathesia</i> spp	<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 borealis</i>
<i>Cumagloia andersonii</i>	<i>Mopalia</i> spp
Diatoms	<i>Mytilus californianus</i>
<i>Ectocarpales</i>	<i>Mytilus galloprovincialis/trossulus</i>
Encrusting coralline	<i>Neorhodomela larix</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Farlowia/Pikea</i> spp	<i>Nuttallina</i> spp
<i>Fucus</i> spp	<i>Osmundea spectabilis</i>
<i>Gastroclonium subarticulatum</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium coulteri</i>	<i>Pagurus granosimanus</i>
<i>Gelidium coulteri/pusillum</i>	<i>Pagurus hirsutiusculus</i>
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Pagurus samuelis</i>
<i>Haliclona</i> spp	<i>Pelvetiopsis</i> spp
<i>Haliptylon gracile</i>	<i>Petalonia fascia</i>

Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Pollicipes polymerus
Porphyra spp
Prionitis lanceolata
Pseudolithoderma nigrum

Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Ralfsiaceae
Scytosiphon spp
Silvetia compressa
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Ulva spp