

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>

Alegria, Santa Barbara County, California

May 26, 2001

Species list:

<i>Acanthinucella</i> spp	<i>Lepidochitona dentiens</i>
<i>Acrosorium ciliolatum</i>	<i>Lepidochitona hartwegii</i>
<i>Alia</i> spp	<i>Littorina keenae</i>
<i>Anthopleura elegantissima</i>	<i>Littorina plena/scutulata</i>
<i>Anthopleura sola</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Balanus glandula</i>	<i>Lottia limatula</i>
Blue green algae	<i>Lottia paradigitalis/strigatella</i>
<i>Bossiella</i> spp	<i>Lottia pelta</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia scabra/conus</i>
<i>Calliarthron</i> spp	<i>Lottia scutum</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mastocarpus papillatus</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella affinis</i>
<i>Chthamalus</i> spp	<i>Mazzaella leptorhynchos</i>
<i>Cladophora columbiana</i>	<i>Mazzaella</i> spp
<i>Conus californicus</i>	<i>Mopalia</i> spp
<i>Corallina</i> spp	<i>Mytilus californianus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mytilus galloprovincialis/trossulus</i>
<i>Cryptosiphonia woodii</i>	<i>Nemalion helminthoides</i>
<i>Cumagloia andersonii</i>	<i>Nucella emarginata/ostrina</i>
<i>Cystoseira osmundacea</i>	<i>Nuttallina</i> spp
<i>Dasya binghamiae</i>	<i>Ocenebra circumtexta</i>
Diatoms	<i>Osmundea spectabilis</i>
<i>Diodora aspera</i>	<i>Pachygrapsus crassipes</i>
<i>Dodecaceria fewkesi</i>	<i>Pagurus hirsutiusculus</i>
<i>Egredia menziesii</i>	<i>Pagurus samuelis</i>
Encrusting coralline	<i>Petrocelis</i> spp
<i>Endocladia muricata</i>	<i>Phragmatopoma californica</i>
<i>Epitonium tinctum</i>	<i>Phyllospadix torreyi</i>
<i>Erythroglossum californicum</i>	<i>Pisaster giganteus</i>
<i>Fissurella volcano</i>	<i>Pisaster ochraceus</i>
<i>Gastroclonium subarticulatum</i>	<i>Pista</i> spp
<i>Gelidium</i> spp	<i>Plocamium cartilagineum</i>
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Pollicipes polymerus</i>
<i>Herposiphonia verticillata</i>	<i>Porphyra</i> spp
<i>Laurencia pacifica/masonii</i>	<i>Prionitis lanceolata</i>

Prionitis lyallii
Pterosiphonia baileyi
Pterosiphonia dendroidea/pennata
Pterosiphonia spp
Pugettia gracilis/richii
Pugettia producta
Ralfsiaceae
Roperia poulsoni
Sarcodiotheca gaudichaudii

Sargassum muticum
Serpula vermicularis
Serpulorbis squamigerus
Silvetia compressa
Spirobranchus spinosus
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Ulva spp

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Alegria, Santa Barbara County, California
May 17, 2003
Species list:

<i>Acanthinucella</i> spp	<i>Gelidium coulteri/pusillum</i>
<i>Alia</i> spp	<i>Gelidium robustum</i>
<i>Amphissa versicolor</i>	<i>Gracilariopsis andersonii/papenfussii</i>
<i>Anthopleura elegantissima</i>	<i>Grateloupia doryphora</i>
<i>Anthopleura sola</i>	<i>Haplogloia andersonii</i>
<i>Balanus glandula</i>	<i>Hermisenda crassicornis</i>
<i>Bangia</i> spp	<i>Idotea</i> spp
Blue green algae	<i>Lacuna</i> spp
Boring clam	<i>Laminaria sinclairii</i>
<i>Bossiella</i> spp	<i>Laurencia subopposita</i>
<i>Brachidontes/Septifer</i> spp	<i>Lepidochitona dentiens</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lepidochitona hartwegii</i>
<i>Chondracanthus canaliculatus</i>	<i>Littorina keenae</i>
<i>Chondria nidifica</i>	<i>Littorina plena/scutulata</i>
<i>Chthamalus</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Cirolana</i> spp	<i>Lottia limatula</i>
<i>Cladophora columbiana</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Conus californicus</i>	<i>Lottia pelta</i>
<i>Corallina</i> spp	<i>Lottia scabra/conus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Lottia scutum</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella affinis</i>
<i>Cumagloia andersonii</i>	<i>Mazzaella californica</i>
<i>Cystoseira osmundacea</i>	<i>Mazzaella leptorhynchos</i>
<i>Dasya binghamiae</i>	<i>Mazzaella</i> spp
<i>Desmarestia ligulata</i>	<i>Mopalia</i> spp
Diatoms	<i>Mytilus californianus</i>
<i>Dodecaceria fewkesi</i>	<i>Nucella emarginata/ostrina</i>
<i>Egregia menziesii</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Odonthalia floccosa</i>
<i>Endarachne binghamiae</i>	<i>Opalia funiculata</i>
<i>Endocladia muricata</i>	<i>Osmundea spectabilis</i>
<i>Epitonium tinctum</i>	<i>Pachygrapsus crassipes</i>
<i>Erythroglossum californicum</i>	<i>Pagurus hirsutiusculus</i>
<i>Fissurella volcano</i>	<i>Pagurus samuelis</i>
<i>Gastroclonium subarticulatum</i>	<i>Petrocelis</i> spp
<i>Gelidium coulteri</i>	<i>Petrospongium rugosum</i>

Phragmatopoma californica
Phycodrys setchellii
Phyllospadix torreyi
Pisaster giganteus
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pterosiphonia baileyi
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata

Pugettia producta
Ralfsiaceae
Sarcodiotheca gaudichaudii
Sargassum muticum
Scinaia spp
Scytosiphon spp
Serpulorbis squamigerus
Taonia lennebackeriae
Tegula funebris
Terebellid
Tetraclita rubescens
Tiffaniella snyderiae
Tonicella lineata
Ulva spp

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Alegria, Santa Barbara County, California
May 10, 2004

Species list:

<i>Acanthinucella</i> spp	<i>Grateloupia doryphora</i>
<i>Anthopleura elegantissima</i>	<i>Laminaria sinclairii</i>
<i>Anthopleura sola</i>	<i>Laurencia pacifica/masonii</i>
<i>Balanus glandula</i>	<i>Ligia</i> spp
<i>Bangia</i> spp	<i>Littorina keenae</i>
Blue green algae	<i>Littorina plena/scutulata</i>
Boring clam	<i>Lottia austrodigitalis/digitalis</i>
<i>Bossiella</i> spp	<i>Lottia limatula</i>
<i>Brachidontes/Septifer</i> spp	<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>Mazzaella affinis</i>
<i>Chondria dasyphylla</i>	<i>Mazzaella leptorhynchos</i>
<i>Chondria nidifica</i>	<i>Mopalia</i> spp
<i>Chthamalus</i> spp	<i>Mytilus californianus</i>
<i>Cladophora columbiana</i>	<i>Mytilus galloprovincialis/trossulus</i>
<i>Colpomenia/Leathesia</i> spp	<i>Nemalion helminthoides</i>
<i>Corallina</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nuttallina</i> spp
<i>Cumagloia andersonii</i>	<i>Olivella biplicata</i>
<i>Cystoseira osmundacea</i>	<i>Pachydictyon coriaceum</i>
<i>Dasya binghamiae</i>	<i>Pachygrapsus crassipes</i>
Diatoms	<i>Pagurus hirsutiusculus</i>
<i>Dodecaceria fewkesi</i>	<i>Pagurus samuelis</i>
<i>Egregia menziesii</i>	<i>Petrospongium rugosum</i>
<i>Encrusting coralline</i>	<i>Phragmatopoma californica</i>
<i>Endarachne binghamiae</i>	<i>Phyllospadix torreyi</i>
<i>Endocladia muricata</i>	<i>Pisaster giganteus</i>
<i>Epitonium tinctum</i>	<i>Pisaster ochraceus</i>
<i>Erythroglossum californicum</i>	<i>Pista</i> spp
<i>Fissurella volcano</i>	<i>Plocamium cartilagineum</i>
<i>Gastroclonium subarticulatum</i>	<i>Pollicipes polymerus</i>
<i>Gelidium coulteri</i>	<i>Polyneura latissima</i>
<i>Gelidium coulteri/pusillum</i>	<i>Polysiphonia</i> spp
<i>Gelidium pusillum</i>	<i>Porphyra</i> spp
<i>Gracilariopsis andersonii/papenfussii</i>	<i>Prionitis lanceolata</i>

Prionitis lyallii
Pterosiphonia baileyi
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia producta
Ralfsiaceae
Rhodymenia pacifica
Sarcodiotheca gaudichaudii

Sculpin
Scytosiphon spp
Semibalanus cariosus
Serpulorbis squamigerus
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Ulva spp