

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>

Prisoners, Santa Cruz Island, California
January 8, 2002 and April 8, 2002

Species list:

<i>Acanthinucella</i> spp	<i>Herposiphonia littoralis</i>
<i>Alia</i> spp	<i>Herposiphonia verticillata</i>
<i>Amphissa versicolor</i>	<i>Hesperophycus harveyanus</i>
<i>Anthopleura elegantissima</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Anthopleura sola</i>	<i>Jania crassa</i>
<i>Aplysia californica</i>	<i>Laurencia pacifica/masonii</i>
<i>Balanus glandula</i>	<i>Lepidochitona hartwegii</i>
Blue green algae	<i>Lithophaga plumula</i>
<i>Bossiella</i> spp	<i>Lithothrix aspergillum</i>
<i>Brachidontes/Septifer</i> spp	<i>Littorina keenae</i>
<i>Cancer</i> spp	<i>Littorina plena/scutulata</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Ceratostoma foliatum</i>	<i>Lottia limatula</i>
<i>Ceratostoma nutalli</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia pelta</i>
<i>Chondracanthus spinosus</i>	<i>Lottia scabra/conus</i>
<i>Chthamalus</i> spp	<i>Mastocarpus jardinii</i>
<i>Cladophora columbiana</i>	<i>Mazzaella affinis</i>
<i>Colpomenia/Leathesia</i> spp	<i>Megabalanus californicus</i>
<i>Conus californicus</i>	<i>Microcladia coulteri</i>
<i>Corallina</i> spp	<i>Mytilus californianus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nemalion helminthoides</i>
Diatoms	<i>Norrisia norrisi</i>
Ectocarpales	<i>Nucella canaliculata</i>
<i>Egregia menziesii</i>	<i>Nucella emarginata/ostrina</i>
Encrusting coralline	<i>Nuttallina</i> spp
<i>Endarachne binghamiae</i>	<i>Ocenebra circumtexta</i>
<i>Endocladia muricata</i>	<i>Osmundea sinicola</i>
<i>Epitonium tinctum</i>	<i>Osmundea spectabilis</i>
<i>Eurystomella bilabiata</i>	<i>Pachycheles</i> spp
<i>Fissurella volcano</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium coulteri</i>	<i>Pachythyone rubra</i>
<i>Gelidium coulteri/pusillum</i>	<i>Pagurus hirsutiussculus</i>
<i>Gelidium robustum</i>	<i>Pagurus samuelis</i>
<i>Haminoea virescens</i>	<i>Paraxanthias taylori</i>

Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Pisaster ochraceus
Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Pseudochama exogyra
Pseudolithoderma nigra
Pterocliadiella capillacea
Pterosiphonia dendroidea/pennata
Pugettia producta
Ralfsiaceae

Sarcodiotheca gaudichaudii
Sargassum agardhianum
Sargassum muticum
Scytosiphon spp
Serpulorbis squamigerus
Silvetia compressa
Spirobranchus spinosus
Spirorbis spp
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
Ulva spp

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Prisoners, Santa Cruz Island, California
April 20, 2003

Species list:

<i>Acanthinucella</i> spp	<i>Lithophaga plumula</i>
<i>Alia</i> spp	<i>Littorina keenae</i>
<i>Amphissa versicolor</i>	<i>Littorina plena/scutulata</i>
<i>Anthopleura elegantissima</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Anthopleura sola</i>	<i>Lottia limatula</i>
<i>Balanus glandula</i>	<i>Lottia ochracea</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>Bugula</i> spp	<i>Mastocarpus papillatus</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Mazzaella affinis</i>
<i>Ceratostoma nuttalli</i>	<i>Mazzaella leptorhynchos</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella</i> spp
<i>Chondracanthus spinosus</i>	<i>Mytilus californianus</i>
<i>Chthamalus</i> spp	<i>Nemalion helminthoides</i>
<i>Cladophora columbiana</i>	<i>Norrisia norrisi</i>
<i>Colpomenia/Leathesia</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Conus californicus</i>	<i>Nuttallina</i> spp
<i>Corallina</i> spp	<i>Ocenebra circumtexta</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Osmundea sinicola</i>
<i>Cucumaria miniata</i>	<i>Osmundea spectabilis</i>
Diatoms	<i>Pachycheles</i> spp
<i>Dodecaceria fewkesi</i>	<i>Pachygrapsus crassipes</i>
<i>Egregia menziesii</i>	<i>Pagurus granosimanus</i>
Encrusting coralline	<i>Pagurus hirsutiusculus</i>
<i>Endarachne binghamiae</i>	<i>Pagurus samuelis</i>
<i>Endocladia muricata</i>	<i>Paraxanthias taylori</i>
<i>Fissurella volcano</i>	<i>Petrocelis</i> spp
<i>Gastroclonium subarticulatum</i>	<i>Phragmatopoma californica</i>
<i>Gelidium coulteri</i>	<i>Pisaster ochraceus</i>
<i>Gelidium robustum</i>	<i>Pista</i> spp
<i>Haminoea virescens</i>	<i>Pollicipes polymerus</i>
<i>Hesperophycus harveyanus</i>	<i>Polysiphonia</i> spp
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Porphyra</i> spp
<i>Laurencia pacifica/masonii</i>	<i>Pseudochama exogyra</i>
<i>Lepidochitona hartwegii</i>	<i>Pterocliadiella capillacea</i>

Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Pugettia producta
Ralfsiaceae
Sarcodiotheca gaudichaudii
Sargassum muticum
Scytosiphon spp
Serpula vermicularis
Serpulorbis squamigerus

Silvetia compressa
Spirobranchus spinosus
Spirorbis spp
Strongylocentrotus purpuratus
Tegula funebris
Tegula gallina
Tetraclita rubescens
Ulva spp

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Prisoners, Santa Cruz Island, California
January 16, 2004

Species List:

<i>Acanthinucella</i> spp	<i>Hermisenda crassicornis</i>
<i>Alia</i> spp	<i>Herposiphonia verticillata</i>
<i>Amphissa versicolor</i>	<i>Hesperophycus harveyanus</i>
<i>Anthopleura elegantissima</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Anthopleura sola</i>	<i>Laurencia pacifica/masonii</i>
<i>Asterina miniata</i>	<i>Lepidochitona harwegii</i>
<i>Balanus glandula</i>	<i>Lepidozona</i> spp
<i>Brachidontes/Septifer</i> spp	<i>Lithothrix aspergillum</i>
<i>Bugula</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>Ceratostoma nuttalli</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia pelta</i>
<i>Chondracanthus spinosus</i>	<i>Lottia scabra/conus</i>
<i>Chondria dasyphylla</i>	<i>Lottia scutum</i>
<i>Chondria</i> spp	<i>Macron lividus</i>
<i>Chthamalus</i> spp	<i>Mazzaella affinis</i>
<i>Cladophora columbiana</i>	<i>Mazzaella leptorhynchus</i>
<i>Colpomenia/leathesia</i> spp	<i>Megabalanus californicus</i>
<i>Conus californicus</i>	<i>Membranipora</i> spp
<i>Corallina</i> spp	<i>Modiolus</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Mopalia</i> spp
Diatoms	<i>Mytilus californianus</i>
<i>Dodecaceria fewkesi</i>	<i>Mytilus galloprovincialis/trossulus</i>
<i>Egria menziesii</i>	<i>Nemalion helminthoides</i>
Encrusting coralline	<i>Norrisia norrisi</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Eurystomella bilabiata</i>	<i>Nuttallina</i> spp
<i>Farlowia/Pikea</i> spp	<i>Ocenebra circumtexta</i>
<i>Fissurella volcano</i>	<i>Ocenebra interfossa</i>
<i>Gastroclonium subarticulatum</i>	<i>Ocenebra lurida</i>
<i>Gelidium coulteri</i>	<i>Opalia funiculata</i>
<i>Gelidium coulteri/pusillum</i>	<i>Ophlitaspongia pennata</i>
<i>Gelidium purpurascens</i>	<i>Osmundea sinicola</i>
<i>Glans carpenteri</i>	<i>Osmundea spectabilis</i>

Pachygrapsus crassipes
Pagurus hirsutiusculus
Paraxanthias taylora
Petalonia fascia
Petrolisthes spp
Petrospongiium rugosum
Phragmatopoma californica
Pisaster ochraceus
Pisaster giganteus
Pista spp
Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Pseudochama exogyra
Pseudolithoderma nigra
Pterocladia capillacea
Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii

Pugettia producta
Ralfsiaceae
Rhodomenia californica
Sarcoditheca gaudichaudii
Sargassum muticum
Scytosiphon spp
Semibalanus cariosus
Serpulorbis squamigerus
Sertularella turgida
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Tonicella lineata
Ulva spp