

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>

Fossil Reef, Santa Rosa Island, California
December 13, 2001
Species list:

<i>Acanthinucella</i> spp	<i>Grateloupia doryphora</i>
<i>Alia</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Amphissa versicolor</i>	<i>Homalopoma baculum/luridum</i>
<i>Anthopleura sola</i>	<i>Laurencia pacifica/masonii</i>
<i>Anthopleura</i> spp	<i>Lepidochitona hartwegii</i>
<i>Aplidium arenatum/propinquum</i>	<i>Leptasterias</i> spp
<i>Aplidium californicum/solidum</i>	<i>Littorina keenae</i>
<i>Balanus glandula</i>	<i>Littorina plena/scutulata</i>
Blue green algae	<i>Lottia austrodigitalis/digitalis</i>
Boring clam	<i>Lottia limatula</i>
<i>Brachidontes/Septifer</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Bryopsis</i> spp	<i>Lottia pelta</i>
<i>Calliarthron</i> spp	<i>Lottia scabra/conus</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia scutum</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Macron lividus</i>
<i>Chondracanthus canaliculatus</i>	<i>Mastocarpus papillatus</i>
<i>Chondracanthus spinosus</i>	<i>Mazzaella affinis</i>
<i>Chthamalus</i> spp	<i>Mazzaella</i> spp
<i>Cladophora columbiana</i>	<i>Microcladia borealis</i>
<i>Codium fragile</i>	<i>Microcladia coulteri</i>
<i>Corallina</i> spp	<i>Mitra idae</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mopalia</i> spp
<i>Cystoseira osmundacea</i>	<i>Mytilus californianus</i>
<i>Dodecaceria fewkesi</i>	<i>Norrisia norrisi</i>
<i>Egregia menziesii</i>	<i>Nucella emarginata/ostrina</i>
<i>Eisenia arborea</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Ocenebra circumtexta</i>
<i>Endocladia muricata</i>	<i>Ophlitaspongia pennata</i>
<i>Epiactis prolifera</i>	<i>Osmundea sinicola</i>
<i>Epitonium tinctum</i>	<i>Osmundea spectabilis</i>
<i>Fissurella volcano</i>	<i>Pachygrapsus crassipes</i>
<i>Fusinus luteopictus</i>	<i>Pagurus granosimanus</i>
<i>Gastroclonium subarticulatum</i>	<i>Pagurus hirsutiusculus</i>
<i>Gelidium coulteri</i>	<i>Pagurus samuelis</i>
<i>Gelidium coulteri/pusillum</i>	<i>Petrocelis</i> spp
<i>Glans carpenteri</i>	<i>Petrospongium rugosum</i>

Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium violaceum
Pollicipes polymerus
Polysiphonia spp
Prionitis lanceolata
Pterosiphonia baileyi
Pterosiphonia dendroidea/pennata
Pugettia producta
Ralfsiaceae

Sarcodiotheca gaudichaudii
Scytosiphon spp
Serpula vermicularis
Serpulorbis squamigerus
Silvetia compressa
Spirobranchus spinosus
Spirorbis spp
Strongylocentrotus purpuratus
Tegula aureotincta
Tegula funebris
Tetraclita rubescens
Ulva spp

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Fossil Reef, Santa Rosa Island, California
December 12, 2004

Species List:

<i>Acanthinucella</i> spp	<i>Epitonium tinctum</i>
<i>Acmaea mitra</i>	<i>Fauchea laciniata</i>
<i>Acrosiphonia</i> spp	<i>Fissurella volcano</i>
<i>Alia</i> spp	<i>Gastroclonium subarticulatum</i>
<i>Amphissa versicolor</i>	<i>Gelidium coulteri</i>
<i>Anthopleura sola</i>	<i>Gelidium coulteri/pusillum</i>
<i>Anthopleura xanthogrammica</i>	<i>Gelidium purpurascens</i>
<i>Archidistoma ritteri</i>	<i>Grateloupia doryphora</i>
<i>Balanus glandula</i>	<i>Halidrys dioica</i>
<i>Bittium eschrichtii</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
Blue green algae	<i>Homalopoma baculum/luridum</i>
<i>Bossiella</i> spp	<i>Laurencia pacifica/masonii</i>
<i>Brachidontes/Septifer</i> spp	<i>Lepidochitona dentiens</i>
<i>Bryopsis</i> spp	<i>Lepidochitona hartwegii</i>
<i>Calliarthron</i> spp	<i>Lepidozona</i> spp
<i>Callithamnion pikeanum</i>	<i>Leptasterias</i> spp
<i>Cancer antennarius</i>	<i>Lirularia/Margarites</i> spp
<i>Cancer jordani</i>	<i>Littorina keenae</i>
<i>Cancer productus</i>	<i>Littorina plena/scutulata</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia insessa</i>
<i>Chondracanthus spinosus</i>	<i>Lottia limatula</i>
<i>Chthamalus</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Cirolana</i> spp	<i>Lottia pelta</i>
<i>Cladophora columbiana</i>	<i>Lottia scabra/conus</i>
<i>Codium fragile</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Macrocystis</i> spp
<i>Corallina</i> spp	<i>Macron lividus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mastocarpus papillatus</i>
<i>Distaplia occidentalis</i>	<i>Maxwellia gemma</i>
<i>Dodecaceria fewkesi</i>	<i>Mazzaella affinis</i>
<i>Egregia menziesii</i>	<i>Mazzaella leptorhynchos</i>
<i>Eisenia arborea</i>	<i>Mazzaella oregona</i>
Encrusting coralline	<i>Megabalanus californicus</i>
<i>Endocladia muricata</i>	<i>Mitra idae</i>
<i>Epiactis prolifera</i>	<i>Mopalia</i> spp

Mytilus californianus
Mytilus galloprovincialis/trossulus
Nemalion helminthoides
Norrisia norrisi
Nucella canaliculata
Nucella emarginata/ostrina
Nuttallina spp
Nymphopsis spinosissima
Ocenebra circumtexta
Ophlitaspongia pennata
Osmundea sinicola
Osmundea spectabilis
Pachygrapsus crassipes
Pagurus hirsutiussculus
Pagurus samuelis
Petrocelis spp
Petrospongium rugosum
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Pollicipes polymerus
Polysiphonia spp
Prionitis lanceolata
Pseudolithoderma nigra
Pterosiphonia baileyi
Pterosiphonia dendroidea/pennata
Pugetta gracilis/richii
Pugettia producta
Pycnopodia helianthoides
Ralfsiaceae
Ritterella spp
Sarcodiotheca gaudichaudii
Sculpin
Serpulorbis squamigerus
Silvetia compressa
Spirorbis spp
Strongylocentrotus franciscanus
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
Tiffaniella snyderiae
Tonicella lineata
Ulva spp
Volvarina taeniolata