

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>

Bolinas Point, Marin County, California
May 17, 2002
Species list:

<i>Acanthinucella</i> spp	<i>Gelidium coulteri</i>
<i>Aglaophenia latirostris</i>	<i>Gelidium coulteri/pusillum</i>
<i>Alia</i> spp	<i>Grateloupia/Prionitis</i> spp
<i>Amphissa versicolor</i>	<i>Haliclona</i> spp
<i>Analipus japonicus</i>	<i>Halosaccion glandiforme</i>
<i>Anthopleura elegantissima</i>	<i>Halymenia/Schizymenia</i> spp
<i>Anthopleura sola</i>	<i>Haplogloia andersonii</i>
<i>Anthopleura xanthogrammica</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Balanus glandula</i>	<i>Idotea</i> spp
<i>Bittium eschrichtii</i>	<i>Lacuna</i> spp
Blue green algae	<i>Lepidochitona dentiens</i>
<i>Bossiella</i> spp	<i>Lepidochitona hartwegii</i>
<i>Calliarthron</i> spp	<i>Lepidozona</i> spp
<i>Callithamnion pikeanum</i>	<i>Leptasterias</i> spp
<i>Cancer</i> spp	<i>Littorina keenae</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Littorina plena/scutulata</i>
<i>Chondracanthus canaliculatus</i>	<i>Littorina</i> spp
<i>Chondracanthus harveyanus</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus spinosus</i>	<i>Lottia limatula</i>
<i>Chthamalus</i> spp	<i>Lottia ochracea</i>
<i>Cladophora columbiana</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Colpomenia/Leathesia</i> spp	<i>Lottia pelta</i>
<i>Constantinea simplex</i>	<i>Lottia scabra/conus</i>
<i>Corallina</i> spp	<i>Lottia scutum</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mastocarpus jardinii</i>
<i>Cryptosiphonia woodii</i>	<i>Mastocarpus papillatus</i>
<i>Desmarestia ligulata</i>	<i>Mazzaella affinis</i>
Encrusting coralline	<i>Mazzaella</i> spp
<i>Endocladia muricata</i>	<i>Microcladia borealis</i>
<i>Epiactis prolifera</i>	<i>Mopalia</i> spp
<i>Epitonium tinctum</i>	<i>Mytilus californianus</i>
<i>Farlowia compressa</i>	<i>Neorhodomela larix</i>
<i>Farlowia mollis</i>	<i>Nucella canaliculata</i>
<i>Farlowia/Pikea</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Fucus</i> spp	<i>Odonthalia floccosa</i>
<i>Gastroclonium subarticulatum</i>	<i>Ophlitaspongia pennata</i>

Osmundea spectabilis
Pachygrapsus crassipes
Pagurus hirsutiusculus
Pagurus samuelis
Petrocelis spp
Petrospongium rugosum
Phaeostrophion irregulare
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Plocamium cartilagineum
Plocamium violaceum
Pollicipes polymerus
Polysiphonia spp
Porphyra spp

Prionitis lanceolata
Prionitis lyallii
Pseudolithoderma nigrum
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia producta
Ralfsiaceae
Rhodymenia californica
Searlesia dira
Semibalanus cariosus
Silvetia compressa
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tonicella lineata
Ulva spp

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Bolinas Pt., Marin Co
May 11 & 12, 2005
Species list:

<i>Acanthinucella</i> spp	<i>Fucus</i> spp
<i>Aeolidia papillosa</i>	<i>Gastroclonium subarticulatum</i>
<i>Aglaophenia latirostris</i>	<i>Gelidium coulteri</i>
<i>Alia</i> spp	<i>Gelidium pusillum</i>
<i>Amphissa versicolor</i>	<i>Grateloupia doryphora</i>
<i>Analipus japonicus</i>	<i>Haliclona</i> spp
<i>Anthopleura elegantissima</i>	<i>Halosaccion glandiforme</i>
<i>Anthopleura sola</i>	<i>Hemigrapsus nudus</i>
<i>Anthopleura xanthogrammica</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Balanus glandula</i>	<i>Lacuna</i> spp
<i>Bittium eschrichtii</i>	<i>Laminaria setchellii</i>
<i>Bossiella</i> spp	<i>Lepidochitona dentiens</i>
<i>Calliarthron</i> spp	<i>Lepidozona</i> spp
<i>Callithamnion pikeanum</i>	<i>Leptasterias</i> spp
<i>Cancer antennarius</i>	<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>Chondracanthus canaliculatus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chondracanthus corymbiferus/exaspertata</i>	<i>Lottia pelta</i>
<i>Chthamalus</i> spp	<i>Lottia scabra/conus</i>
<i>Cladophora columbiana</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus jardinii</i>
<i>Constantinea simplex</i>	<i>Mastocarpus papillatus</i>
<i>Corallina</i> spp	<i>Mazzaella affinis</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella oregona</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella</i> spp
<i>Dilsea californica</i>	<i>Microcladia borealis</i>
<i>Dirona albolineata</i>	<i>Microcladia coulteri</i>
Encrusting coralline	<i>Mopalia</i> spp
<i>Endocladia muricata</i>	<i>Mytilus californianus</i>
<i>Epiactis prolifera</i>	<i>Neorhodomela larix</i>
<i>Epitonium tinctum</i>	<i>Nucella emarginata/ostrina</i>
<i>Erythrophyllum delesserioides</i>	<i>Ocenebra circumtexta</i>
<i>Eurystomella bilabiata</i>	<i>Ocenebra interfossa</i>
<i>Farlowia compressa</i>	<i>Odonthalia floccosa</i>
<i>Farlowia mollis</i>	<i>Opalia funiculata</i>
<i>Farlowia/Pikea</i> spp	<i>Osmundea spectabilis</i>

Pachycheles spp
Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Petrocelis spp
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pollicipes polymerus
Polyneura latissima
Polysiphonia spp
Prionitis lanceolata
Prionitis lyallii
Pterosiphonia bipinnata

Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Pugettia producta
Pycnogonida
Ralfsiaceae
Searlesia dira
Semibalanus cariosus
Sertularella turgida
Silvetia compressa
Stenogramme interrupta
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tubeworm
Ulva spp