

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>

Sea Ranch, Sonoma Co
August 4, 2001
Species List:

<i>Acrosiphonia</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Alaria marginata</i>	<i>Idotea</i> spp
<i>Amphissa versicolor</i>	<i>Katharina tunicata</i>
<i>Analipus japonicus</i>	<i>Laminaria setchellii</i>
<i>Anisodoris nobilis</i>	<i>Lepidochitona dentiensi</i>
<i>Anthopleura elegantissima</i>	<i>Lepidochitona hartwegii</i>
<i>Anthopleura sola</i>	<i>Lepidozonia</i> spp
<i>Anthopleura xanthogrammica</i>	<i>Leptasterias</i> spp
<i>Balanus glandula</i>	<i>Littorina keenae</i>
Blue green algae	<i>Littorina plena/scutulata</i>
<i>Calliarthron</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Callithamnion pikeanum</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Cancer antennarius</i>	<i>Lottia pelta</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Lottia scabra/conus</i>
<i>Chthamalus</i> spp	<i>Lottia scutum</i>
<i>Cladophora columbiana</i>	<i>Mastocarpus jardinii</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus papillatus</i>
<i>Corallina</i> spp	<i>Mazzaella affinis</i>
<i>Costaria costata</i>	<i>Mazzaella</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Microcladia borealis</i>
<i>Cryptosiphonia woodii</i>	<i>Mopalia</i> spp
<i>Cystoseira osmundacea</i>	<i>Mytilus californianus</i>
<i>Dermasterias imbricata</i>	<i>Neoptilota/Ptilota</i> spp
<i>Desmarestia ligulata</i>	<i>Neorhodomela larix</i>
<i>Diaulula sandiengensis</i>	<i>Nucella canaliculata</i>
<i>Dilsea californica</i>	<i>Nucella emarginata/ostrina</i>
<i>Egregia menziesii</i>	<i>Nuttallina</i> spp
Encrusting coralline	<i>Odonthalia floccosa</i>
<i>Endocladia muricata</i>	<i>Onchidella borealis</i>
<i>Erythrophyllum delesserioides</i>	<i>Ophlitaspongia pennata</i>
<i>Farlowia/Pikea</i> spp	<i>Osmundea spectabilis</i>
<i>Fucus</i> spp	<i>Pachycheles</i> spp
<i>Halichondria</i> spp	<i>Pachygrapsus crassipes</i>
<i>Haliclona</i> spp	<i>Pagurus hirsutiusculus</i>
<i>Halosaccion glandiforme</i>	<i>Pagurus samuelis</i>
<i>Hedophyllum sessile</i>	<i>Pelvetiopsis</i> spp

Petrocelis spp
Petrolisthes spp
Phragmatopoma californica
Phyllospadix scouleri
Pisaster ochraceus
Plocamium cartilagineum
Plocamium violaceum
Pollicipes polymerus
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pterosiphonia dendroidea/pennata

Pterosiphonia spp
Pugettia producta
Ralfsiaceae
Sculpin
Semibalanus cariosus
Silvetia compressa
Strongylocentrotus franciscanus
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp

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>

Sea Ranch, Sonoma Co

June 9, 2005

Species List:

<i>Acrosiphonia</i> spp	Flatworm
<i>Alaria marginata</i>	<i>Fucus</i> spp
<i>Alia</i> spp	<i>Gelidium coulteri</i>
<i>Amphissa versicolor</i>	<i>Gelidium pusillum</i>
<i>Analipus japonicus</i>	<i>Halichondria</i> spp
<i>Anisodoris nobilis</i>	<i>Haliclona</i> spp
<i>Anthopleura elegantissima</i>	<i>Halidrys dioica</i>
<i>Anthopleura sola</i>	<i>Halosaccion glandiforme</i>
<i>Anthopleura xanthogrammica</i>	<i>Halymenia/Schizymenia</i> spp
<i>Balanus glandula</i>	<i>Hedophyllum sessile</i>
<i>Bittium eschrichtii</i>	<i>Hemigrapsus nudus</i>
<i>Bossiella</i> spp	<i>Henricia</i> spp
<i>Calliarthron</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Calliostoma ligatum</i>	<i>Idotea</i> spp
<i>Callithamnion pikeanum</i>	<i>Katharina tunicata</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lacuna</i> spp
<i>Chondracanthus canaliculatus</i>	<i>Laminaria setchellii</i>
<i>Chthamalus</i> spp	<i>Lepidochitona dentiens</i>
<i>Cladophora columbiana</i>	<i>Lepidochitona hartwegii</i>
<i>Corallina</i> spp	<i>Leptasterias</i> spp
<i>Costaria costata</i>	<i>Lirularia/Margarites</i> spp
<i>Cryptopleura/Hymenena</i> spp	<i>Littorina plena/scutulata</i>
<i>Cryptosiphonia woodii</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Cystoseira osmundacea</i>	<i>Lottia limatula</i>
Diatoms	<i>Lottia ochracea</i>
<i>Dilsea californica</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Dodecaceria fewkesi</i>	<i>Lottia pelta</i>
Ectocarpales	<i>Lottia scabra/conus</i>
<i>Egregia menziesii</i>	<i>Lottia scutum</i>
Encrusting coralline	<i>Mastocarpus jardinii</i>
<i>Endocladia muricata</i>	<i>Mastocarpus papillatus</i>
<i>Epiactis prolifera</i>	<i>Mazzaella affinis</i>
<i>Epitonium tinctum</i>	<i>Mazzaella linearis</i>
<i>Erythrophyllum delesserioides</i>	<i>Mazzaella oregona</i>
<i>Farlowia mollis</i>	<i>Mazzaella</i> spp

Microcladia borealis
Mopalia spp
Mytilus californianus
Neorhodomela larix
Neorhodomela oregona
Nucella canaliculata
Nucella emarginata/ostrina
Nuttallina spp
Ocenebra lurida
Odonthalia floccosa
Oedignathus inermis
Onchidella borealis
Ophlitaspongia pennata
Osmundea spectabilis
Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Pelvetiopsis spp
Petrocelis spp
Petrolisthes spp
Petrospongiium rugosum
Phragmatopoma californica
Phyllospadix scouleri

Phyllospadix torreyi
Pisaster ochraceus
Pollicipes polymerus
Polyneura latissima
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pseudolithoderma nigra
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Pugettia producta
Pycnogonida
Pycnopodia helianthoides
Ralfsiaceae
Semibalanus cariosus
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Suberites ficus
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp

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>

Sea Ranch, Sonoma Co., California

May 18, June 13, 2010

Species List:

<i>Alaria marginata</i>	<i>Erythroglossum californicum</i>
<i>Alia</i> spp	<i>Flabellina trilineata</i>
<i>Amphissa versicolor</i>	<i>Fucus</i> spp
<i>Analipus japonicus</i>	<i>Gelidium coulteri</i>
<i>Anthopleura elegantissima</i>	<i>Grateloupia californica</i>
<i>Anthopleura xanthogrammica</i>	<i>Halichondria panicea</i>
<i>Balanus glandula</i>	<i>Haliclona</i> spp
<i>Bittium eschrichtii</i>	<i>Halidrys dioica</i>
<i>Bossiella</i> spp	<i>Halosaccion glandiforme</i>
<i>Calliarthron</i> spp	<i>Halymenia/Schizymenia</i> spp
<i>Calliostoma ligatum</i>	<i>Hedophyllum sessile</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Henricia</i> spp
<i>Chthamalus</i> spp	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Cladophora columbiana</i>	<i>Idotea</i> spp
<i>Cladophora graminea</i>	<i>Katharina tunicata</i>
<i>Corallina</i> spp	<i>Lacuna</i> spp
<i>Costaria costata</i>	<i>Laminaria setchellii</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Cyanoplax</i> spp
<i>Cryptosiphonia woodii</i>	<i>Leptasterias</i> spp
<i>Cystoseira osmundacea</i>	<i>Lirularia/Margarites</i> spp
<i>Desmarestia ligulata</i>	<i>Littorina keenae</i>
<i>Dirona albolineata</i>	<i>Littorina plena/scutulata</i>
<i>Dodecaceria</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Egregia menziesii</i>	<i>Lottia limatula</i>
Encrusting coralline	<i>Lottia paradigitalis/strigatella</i>
<i>Endocladia muricata</i>	<i>Lottia pelta</i>
<i>Epiactis prolifera</i>	<i>Lottia scabra/conus</i>
<i>Epitonium tinctum</i>	<i>Lottia scutum</i>
	<i>Mastocarpus jardinii</i>

Mastocarpus papillatus
Mazzaella cordata/splendens
Mazzaella oregona
Microcladia borealis
Mopalia spp
Mytilus californianus
Neoptilota/Ptilota spp
Neorhodomela larix
Nucella canaliculata
Nucella emarginata/ostrina
Nuttallina spp
Odonthalia floccosa
Oedignathus inermis
Onchidella borealis
Ophlitaspongia pennata
Osmundea spectabilis
Pachycheles spp
Pachygrapsus crassipes
Pagurus beringanus
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Pelvetiopsis spp
Petalonia fascia
Petrocelis spp
Petrolisthes spp
Sabellariidae
Phyllospadix scouleri
Pisaster ochraceus
Plocamium violaceum
Pollicipes polymerus
Porphyra spp
Prionitis lanceolata
Prionitis lyallii
Pterosiphonia bipinnata
Pterosiphonia dendroidea/pennata
Pugettia producta
Ralfsiaceae
Semibalanus cariosus
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
Tonicella lineata/lokii
Ulva spp