

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>

Andrew Molera, Monterey County, California

February 20, 2001

Species list:

<i>Acanthinucella</i> spp	<i>Kalypto paleacea</i>
<i>Ahnfeltia fastigiata</i>	<i>Katharina tunicata</i>
<i>Ahnfeltiopsis leptophylla</i>	<i>Lacuna</i> spp
<i>Alaria marginata</i>	<i>Lepidochitona hartwegii</i>
<i>Analipus japonicus</i>	<i>Leptasterias</i> spp
<i>Anthopleura artemisia</i>	<i>Littorina keenae</i>
<i>Anthopleura elegantissima</i>	<i>Littorina plena/scutulata</i>
<i>Anthopleura sola</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia limatula</i>
<i>Balanus glandula</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Bossiella</i> spp	<i>Lottia pelta</i>
<i>Calliarthron</i> spp	<i>Lottia scabra/conus</i>
<i>Callithamnion pikeanum</i>	<i>Lottia scutum</i>
<i>Callophyllis violacea</i>	<i>Mastocarpus jardinii</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mastocarpus papillatus</i>
<i>Chaetomorpha</i> spp	<i>Mazzaella affinis</i>
<i>Chondracanthus canaliculatus</i>	<i>Mazzaella</i> spp
<i>Chthamalus</i> spp	<i>Mazzaella volans</i>
<i>Cladophora columbiana</i>	<i>Microcladia borealis</i>
<i>Codium setchellii</i>	<i>Mopalia</i> spp
<i>Colpomenia/Leathesia</i> spp	<i>Mytilus californianus</i>
<i>Corallina</i> spp	<i>Neorhodomela larix</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Neorhodomela oregona</i>
<i>Cryptosiphonia woodii</i>	<i>Nucella emarginata/ostrina</i>
<i>Cystoseira osmundacea</i>	<i>Nuttallina</i> spp
<i>Cgregia menziesii</i>	<i>Odonthalia floccosa</i>
Encrusting coralline	<i>Onchidella borealis</i>
<i>Endocladia muricata</i>	<i>Ophlitaspongia pennata</i>
<i>Fucus</i> spp	<i>Osmundea spectabilis</i>
<i>Gastroclonium subarticulatum</i>	<i>Pachygrapsus crassipes</i>
<i>Gelidium</i> spp	<i>Pagurus granosimanus</i>
<i>Haliclona</i> spp	<i>Pagurus hirsutiusculus</i>
<i>Halosaccion glandiforme</i>	<i>Pagurus samuelis</i>
<i>Hemigrapsus oregonensis</i>	<i>Pelvetiopsis</i> spp
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Petrocelis</i> spp
<i>Idotea</i> spp	<i>Petrolisthes</i> spp

Petrospongium rugosum
Phaeostrophion irregulare
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Plocamium cartilagineum
Pollicipes polymerus
Prionitis lanceolata
Prionitis lyallii
Prionitis spp

Pterosiphonia dendroidea/pennata
Pugettia gracilis/richii
Pycnopodia helianthoides
Ralfsiaceae
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula funebris
Tetraclita rubescens
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>

Andrew Molera, Monterey County, California

March 29, 2003

Species list:

<i>Acanthinucella</i> spp	<i>Fissurella volcano</i>
<i>Ahnfeltia fastigiata</i>	<i>Fucus</i> spp
<i>Ahnfeltiopsis leptophylla</i>	<i>Gastroclonium subarticulatum</i>
<i>Alia</i> spp	<i>Gelidium coulteri</i>
<i>Analipus japonicus</i>	<i>Gelidium coulteri/pusillum</i>
<i>Anthopleura artemisia</i>	<i>Gelidium pusillum</i>
<i>Anthopleura elegantissima</i>	<i>Gymnogongrus chiton</i>
<i>Anthopleura sola</i>	<i>Haliclona</i> spp
<i>Asterina miniata</i>	<i>Halosaccion glandiforme</i>
<i>Balanus glandula</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
Blue green algae	<i>Idotea</i> spp
<i>Bossiella</i> spp	<i>Katharina tunicata</i>
<i>Calliarthron</i> spp	<i>Lacuna</i> spp
<i>Callithamnion pikeanum</i>	<i>Laminaria setchellii</i>
<i>Callophyllis violacea</i>	<i>Laminaria sinclairii</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Lepidochitona hartwegii</i>
<i>Chondracanthus canaliculatus</i>	<i>Leptasterias</i> spp
<i>Chondracanthus harveyanus</i>	<i>Littorina keenae</i>
<i>Chthamalus</i> spp	<i>Littorina plena/scutulata</i>
<i>Cladophora columbiana</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Codium fragile</i>	<i>Lottia limatula</i>
<i>Codium setchellii</i>	<i>Lottia ochracea</i>
<i>Corallina</i> spp	<i>Lottia paradigitalis/strigatella</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Lottia pelta</i>
<i>Cystoseira osmundacea</i>	<i>Lottia scabra/conus</i>
<i>Dermasterias imbricata</i>	<i>Lottia scutum</i>
Diatoms	<i>Macrocystis</i> spp
<i>Dodecaceria fewkesi</i>	<i>Mastocarpus jardinii</i>
<i>Egregia menziesii</i>	<i>Mastocarpus papillatus</i>
Encrusting coralline	<i>Mazzaella affinis</i>
<i>Endocladia muricata</i>	<i>Mazzaella</i> spp
<i>Erythrogloussum californicum</i>	<i>Microcladia borealis</i>
<i>Farlowia/Pikea</i> spp	<i>Mopalia</i> spp

Mytilus californianus
Neorhodomela larix
Nuttallina spp
Ocenebra circumtexta
Odonthalia floccosa
Onchidella borealis
Ophlitaspongia pennata
Osmundea spectabilis
Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Pelvetiopsis spp
Petrocelis spp
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp

Plocamium cartilagineum
Polysiphonia spp
Porphyra spp
Prionitis lanceolata
Pterosiphonia bipinnata
Pugettia gracilis/richii
Pugettia producta
Pycnopodia helianthoides
Ralfsiaceae
Rhodymenia pacifica
Sculpin
Silvetia compressa
Spirorbis spp
Stenogramme interrupta
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
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>

Andrew Molera, Monterey County, California
February 3, 2004
Species list:

<i>Acanthinucella</i> spp	<i>Halichondria</i> spp
<i>Ahnfeltia</i> spp	<i>Haliclona</i> spp
<i>Alia</i> spp	<i>Halosaccion glandiforme</i>
<i>Amphissa versicolor</i>	<i>Hildenbrandia/Peyssonnelia</i> spp
<i>Analipus japonicus</i>	<i>Katharina tunicata</i>
<i>Anthopleura artemisia</i>	<i>Lacuna</i> spp
<i>Anthopleura elegantissima</i>	<i>Laminaria sinclairii</i>
<i>Anthopleura sola</i>	<i>Laurencia pacifica/masonii</i>
<i>Balanus glandula</i>	<i>Lepidochitona hartwegii</i>
Blue green algae	<i>Lepidozona</i> spp
<i>Bossiella</i> spp	<i>Leptasterias</i> spp
<i>Calliarthron</i> spp	<i>Littorina keenae</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Littorina plena/scutulata</i>
<i>Chaetomorpha spiralis</i>	<i>Lottia austrodigitalis/digitalis</i>
<i>Chondracanthus canaliculatus</i>	<i>Lottia limatula</i>
<i>Chondracanthus spinosus</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Chthamalus</i> spp	<i>Lottia pelta</i>
<i>Cladophora columbiana</i>	<i>Lottia scabra/conus</i>
<i>Codium setchellii</i>	<i>Lottia scutum</i>
<i>Colpomenia/Leathesia</i> spp	<i>Mastocarpus jardinii</i>
<i>Corallina</i> spp	<i>Mastocarpus papillatus</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Mazzaella affinis</i>
<i>Cryptosiphonia woodii</i>	<i>Mazzaella</i> spp
<i>Cystoseira osmundacea</i>	<i>Microcladia borealis</i>
Diatoms	<i>Mopalia</i> spp
<i>Dodecaceria fewkesi</i>	<i>Mytilus californianus</i>
<i>Egregia menziesii</i>	<i>Neorhodomela larix</i>
Encrusting coralline	<i>Nienburgia andersoniana</i>
<i>Endocladia muricata</i>	<i>Nucella emarginata/ostrina</i>
<i>Eurystomella bilabiata</i>	<i>Nuttallina</i> spp
<i>Farlowia/Pikea</i> spp	<i>Odonthalia floccosa</i>
<i>Fucus</i> spp	<i>Onchidella borealis</i>
<i>Gastroclonium subarticulatum</i>	<i>Opalia funiculata</i>
<i>Gelidium coulteri</i>	<i>Ophlitaspongia pennata</i>
<i>Gelidium coulteri/pusillum</i>	<i>Osmundea spectabilis</i>

Pachygrapsus crassipes
Pagurus granosimanus
Pagurus hirsutiusculus
Pagurus samuelis
Pelvetiopsis spp
Petrocelis spp
Phaeostrophion irregulare
Phragmatopoma californica
Phyllospadix scouleri
Phyllospadix torreyi
Pisaster ochraceus
Pista spp
Plocamium cartilagineum
Pollicipes polymerus
Polyneura latissima
Polysiphonia spp
Porphyra spp
Prionitis lanceolata

Prionitis lyallii
Pterosiphonia dendroidea/pennata
Pterygophora californica
Pugettia producta
Pycnopodia helianthoides
Ralfsiaceae
Rhodymenia californica
Rhodymenia pacifica
Sculpin
Silvetia compressa
Spirorbis spp
Strongylocentrotus purpuratus
Tegula brunnea
Tegula funebris
Tetraclita rubescens
Tonicella lineata
Ulva spp
Ulva taeniata