

**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](mailto: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>

**Stairs, Santa Barbara Country**  
**March 20, 2001**

Species list:

<i>Acanthinucella</i> spp	<i>Lottia austrodigitalis/digitalis</i>
<i>Analipus japonicus</i>	<i>Lottia fenestrata</i>
<i>Anthopleura elegantissima</i>	<i>Lottia limatula</i>
<i>Anthopleura sola</i>	<i>Lottia paradigitalis/strigatella</i>
<i>Anthopleura xanthogrammica</i>	<i>Lottia pelta</i>
<i>Balanus glandula</i>	<i>Lottia scabra/conus</i>
Blue green algae	<i>Lottia scutum</i>
<i>Bossiella</i> spp	<i>Mastocarpus jardinii</i>
<i>Brachidontes/septifer</i> spp	<i>Mastocarpus papillatus</i>
<i>Calliarthron</i> spp	<i>Mazzaella affinis</i>
<i>Callithamnion pikeanum</i>	<i>Mazzaella leptorhynchus</i>
<i>Centroceras/Ceramium/Polysiphonia</i> spp	<i>Mazzaella</i> spp
<i>Chondracanthus canaliculatus</i>	<i>Microcladia borealis</i>
<i>Chthamalus</i> spp	<i>Microcladia coulteri</i>
<i>Cladophora columbiana</i>	<i>Mytilus californianus</i>
<i>Colpomenia/leathesia</i> spp	<i>Neorhodomela larix</i>
<i>Corallina</i> spp	<i>Nucella emarginata</i>
<i>Cryptopleura/Hymenena</i> spp	<i>Nucella emarginata/ostrina</i>
<i>Cryptosiphonia woodii</i>	<i>Ocenebra circumtexta</i>
<i>Cumagloia andersonii</i>	<i>Osmundea spectabilis</i>
Diatoms	<i>Pachygrapsus crassipes</i>
Encrusting coralline	<i>Pagurus hirsutiusculus</i>
<i>Endocladia muricata</i>	<i>Pagurus samuelis</i>
<i>Fucus</i> spp	<i>Pelvetiopsis</i> spp
<i>Gastroclonium subarticulatum</i>	<i>Petrocelis</i> spp
<i>Gelidium coulteri</i>	<i>Petrospongium rugosum</i>
<i>Gelidium</i> spp	<i>Phragmatopoma californica</i>
<i>Haliclona</i> spp	<i>Phyllospadix scouleri</i>
<i>Halosaccion glandiforme</i>	<i>Phyllospadix torreyi</i>
<i>Hildenbrandia/Peyssonnelia</i> spp	<i>Pisaster ochraceus</i>
<i>Laminaria sinclairii</i>	<i>Pista</i> spp
<i>Lepidochitona hartwegii</i>	<i>Plocamium cartilagineum</i>
<i>Leptasterias</i> spp	<i>Pollicipes polymerus</i>
<i>Lithothrix aspergillum</i>	<i>Porphyra</i> spp
<i>Littorina keenae</i>	<i>Prionitis lanceolata</i>
<i>Littorina plena/scutulata</i>	<i>Prionitis lyallii</i>

*Pterosiphonia dendroidea/pennata*  
Ralfsiaceae  
*Scytosiphon* spp  
*Silvetia compressa*  
*Spirorbis* spp

*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Ulva* spp