

**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>

**Hopkins, Monterey County**  
**January 18, 2003**

Species list:

|                                     |  |
|-------------------------------------|--|
| <i>Abietinaria</i> spp              | <i>Gelidium robustum</i>                   |
| <i>Acanthinucella</i> spp           | <i>Hildenbrandia/Peyssonnelia</i> spp      |
| <i>Alia</i> spp                     | <i>Idotea</i> spp                          |
| <i>Amphissa versicolor</i>          | <i>Lacuna</i> spp                          |
| <i>Analipus japonicus</i>           | <i>Lepidochitona dentiens</i>              |
| <i>Anthopleura elegantissima</i>    | <i>Lepidochitona hartwegii</i>             |
| <i>Anthopleura sola</i>             | <i>Leptasterias</i> spp                    |
| <i>Aplidium arenatum/propinquum</i> | <i>Littorina keenae</i>                    |
| <i>Aplysina fistularis</i>          | <i>Littorina plena/scutulata</i>           |
| <i>Archidistoma psammion</i>        | <i>Lottia austrodigitalis/digitalis</i>    |
| <i>Asterina miniata</i>             | <i>Lottia limatula</i>                     |
| <i>Balanus glandula</i>             | <i>Lottia paradigitalis/strigatella</i>    |
| <i>Bittium esrichtii</i>            | <i>Lottia pelta</i>                        |
| Blue green algae                    | <i>Lottia scabra/conus</i>                 |
| <i>Bossiella</i> spp                | <i>Lottia scutum</i>                       |
| <i>Cadlina luteomarginata</i>       | <i>Mastocarpus jardinii</i>                |
| <i>Calliarthron</i> spp             | <i>Mastocarpus papillatus</i>              |
| <i>Calliostoma canaliculatum</i>    | <i>Mazzaella affinis</i>                   |
| <i>Calliostoma ligatum</i>          | <i>Mazzaella leptorhynchos</i>             |
| <i>Callithamnion pikeanum</i>       | <i>Mazzaella</i> spp                       |
| <i>Chondracanthus canaliculatus</i> | <i>Microcladia borealis</i>                |
| <i>Chondracanthus spinosus</i>      | <i>Mopalia</i> spp                         |
| <i>Chthamalus</i> spp               | <i>Mytilus californianus</i>               |
| <i>Cladophora columbiana</i>        | <i>Mytilus galloprovincialis/trossulus</i> |
| <i>Cladophora graminea</i>          | <i>Nucella emarginata/ostrina</i>          |
| <i>Corallina</i> spp                | <i>Nuttallina</i> spp                      |
| <i>Cryptopleura/Hymenena</i> spp    | <i>Ocenebra circumtexta</i>                |
| <i>Distaplia occidentalis</i>       | <i>Ocenebra lurida</i>                     |
| <i>Egregia menziesii</i>            | <i>Ophlitaspongia pennata</i>              |
| Encrusting coralline                | <i>Osmundea spectabilis</i>                |
| <i>Endocladia muricata</i>          | <i>Pachygrapsus crassipes</i>              |
| <i>Epiactis prolifera</i>           | <i>Pagurus granosimanus</i>                |
| <i>Fissurella volcano</i>           | <i>Pagurus hirsutiusculus</i>              |
| <i>Gastroclonium subarticulatum</i> | <i>Pagurus samuelis</i>                    |
| <i>Gelidium coulteri</i>            | <i>Petrocelis</i> spp                      |
| <i>Gelidium coulteri/pusillum</i>   | <i>Petrospongium rugosum</i>               |

*Phidiana hiltoni*  
*Phragmatopoma californica*  
*Phyllospadix scouleri*  
*Phyllospadix torreyi*  
*Pisaster ochraceus*  
*Plocamium violaceum*  
*Pollicipes polymerus*  
*Polysiphonia* spp  
*Porphyra* spp  
*Prionitis lanceolata*  
*Pseudomelatoma torosa*  
*Pterosiphonia baileyi*  
*Pugettia producta*  
Ralfsiaceae

*Rhodomenia californica*  
Sculpin  
*Serpula vermicularis*  
*Serpulorbis squamigerus*  
*Silvetia compressa*  
*Spirobranchus spinosus*  
*Spirorbis* spp  
*Strongylocentrotus purpuratus*  
*Tegula brunnea*  
*Tegula funebris*  
*Tetraclita rubescens*  
*Tonicella lineata*  
*Ulva* spp