

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>

Buck Gully South, Orange County, California
November 15, 16, 2009

Species List:

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| <i>Acanthinucella</i> spp | <i>Lottia austrodigitalis/digitalis</i> |
| <i>Anthopleura elegantissima</i> | <i>Lottia limatula</i> |
| <i>Anthopleura sola</i> | <i>Lottia paradigitalis/strigatella</i> |
| <i>Aplysia californica</i> | <i>Lottia pelta</i> |
| <i>Balanus glandula</i> | <i>Lottia scabra/conus</i> |
| Blue green algae | <i>Macrocystis</i> spp |
| <i>Bossiella</i> spp | <i>Mopalia</i> spp |
| <i>Brachidontes/Septifer</i> spp | <i>Mytilus californianus</i> |
| <i>Caulacanthus ustulatus</i> | <i>Norrisia norrisi</i> |
| <i>Centroceras/Ceramium/Corallophila</i> spp | <i>Nucella emarginata/ostrina</i> |
| <i>Ceratostoma nuttalli</i> | <i>Nuttallina</i> spp |
| <i>Chaetomorpha spiralis</i> | <i>Osmundea sinicola</i> |
| <i>Chondria acrorhizophora</i> | <i>Pachydictyon coriaceum</i> |
| <i>Chthamalus</i> spp | <i>Pachygrapsus crassipes</i> |
| <i>Codium fragile</i> | <i>Pagurus hirsutiusculus</i> |
| <i>Colpomenia/Leathesia</i> spp | <i>Pagurus samuelis</i> |
| <i>Corallina</i> spp | <i>Petrospongium rugosum</i> |
| <i>Cryptopleura/Hymenena</i> spp | <i>Pisaster ochraceus</i> |
| <i>Cyanoplax hartwegii</i> | <i>Pollicipes polymerus</i> |
| Diatoms | <i>Polysiphonia</i> spp |
| <i>Dictyota</i> spp | <i>Pseudolithoderma nigra</i> |
| <i>Doris odhneri</i> | Ralfsiaceae |
| <i>Egregia menziesii</i> | <i>Roperia poulsoni</i> |
| <i>Eisenia arborea</i> | Sabellariidae |
| Encrusting coralline | <i>Sargassum muticum</i> |
| <i>Endarachne binghamiae</i> | <i>Strongylocentrotus purpuratus</i> |
| <i>Epitonium tinctum</i> | <i>Tegula aureotincta</i> |
| <i>Fissurella volcano</i> | <i>Tegula eiseni</i> |
| <i>Gelidium</i> spp | <i>Tegula funebris</i> |
| <i>Herposiphonia verticillata</i> | <i>Tegula gallina</i> |
| <i>Hildenbrandia/Peyssonnelia</i> spp | <i>Tetraclita rubescens</i> |
| <i>Laurencia pacifica/masonii</i> | <i>Ulva</i> spp |
| <i>Lirularia/Margarites</i> spp | |
| <i>Lithothrix aspergillum</i> | |
| <i>Littorina keenae</i> | |
| <i>Littorina plena/scutulata</i> | |