

**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>

**La Jolla Caves, San Diego County California**  
**November 13, 14, 2009**

Species List:

<i>Acanthina lugubris</i>	<i>Pachygrapsus crassipes</i>
<i>Anthopleura elegantissima</i>	<i>Pagurus samuelis</i>
Blue green algae	<i>Petalonia fascia</i>
<i>Bossiella</i> spp	<i>Phyllospadix torreyi</i>
<i>Caulacanthus ustulatus</i>	<i>Plocamium pacificum</i>
<i>Centroceras/Ceramium/Corallophila</i> spp	<i>Polysiphonia</i> spp
<i>Chondracanthus canaliculatus</i>	<i>Pseudolithoderma nigra</i>
<i>Chondria acrorhizophora</i>	<i>Pterocladiaella capillacea</i>
<i>Chthamalus</i> spp	Ralfsiaceae
<i>Codium fragile</i>	<i>Roperia poulsoni</i>
<i>Colpomenia/Leathesia</i> spp	<i>Sargassum agardhianum</i>
<i>Corallina</i> spp	<i>Sargassum muticum</i>
<i>Cyanoplax hartwegii</i>	<i>Serpulorbis squamigerus</i>
<i>Dasya sinicola/californica</i>	<i>Silvetia compressa</i>
Diatoms	<i>Spirorbis</i> spp
<i>Eisenia arborea</i>	<i>Tegula aureotincta</i>
Encrusting coralline	<i>Tegula eiseni</i>
<i>Endarachne binghamiae</i>	<i>Tegula funebris</i>
<i>Fissurella volcano</i>	<i>Tegula gallina</i>
<i>Gastroclonium parvum</i>	<i>Ulva</i> spp
<i>Gelidium coulteri</i>	
<i>Hildenbrandia/Peyssonnelia</i> spp	
<i>Jania crassa</i>	
<i>Laurencia pacifica/masonii</i>	
<i>Lepidozona</i> spp	
<i>Lithothrix aspergillum</i>	
<i>Littorina keenae</i>	
<i>Littorina plena/scutulata</i>	
<i>Lottia austrodigitalis/digitalis</i>	
<i>Lottia paradigitalis/strigatella</i>	
<i>Lottia scabra/conus</i>	
<i>Mazzaella leptorhynchus</i>	
<i>Navanax inermis</i>	
<i>Nuttallina</i> spp	
<i>Osmundea sinicola</i>	
<i>Pachydietyon coriaceum</i>	