

APPENDIX N

TRAWL PHOTO LOGS

# Fish Species



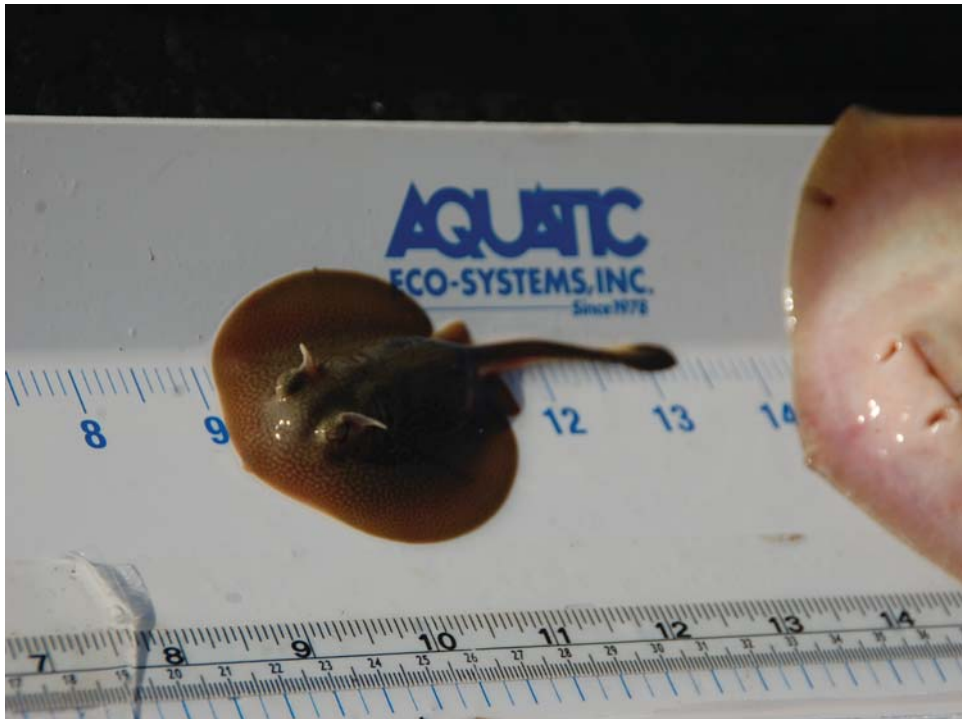
Location: San Diego Bay - South - B13-8017  
 Common Name: Sargo  
 Scientific Name: *Anisotremus davidsonii*  
 Sample Date: 09/06/2013



Location: San Diego Bay - South - B13-8020  
 Common Name: Deepbody Anchovy  
 Scientific Name: *Anchoa compressa*  
 Sample Date: 09/05/2013



Location: San Diego Bay - South - B13-8020  
 Common Name: Round Stingray  
 Scientific Name: *Urobatis halleri*  
 Sample Date: 09/05/2013



Location: San Diego Bay - South - B13-8020  
 Common Name: Round Stingray (juvenile)  
 Scientific Name: *Urobatis halleri*  
 Sample Date: 09/05/2013



Location: San Diego Bay - South - B13-8029  
 Common Name: Specklefin Midshipman  
 Scientific Name: *Porichthys myriaster*  
 Sample Date: 09/05/2013



Location: San Diego Bay - South Central - B13-8058  
 Common Name: Slough Anchovy  
 Scientific Name: *Anchoa delicatissima*  
 Sample Date: 09/04/2013





Location: San Diego Bay - South Central - B13-8060

Common Name: Black Croaker

Scientific Name: *Cheilotrema saturnum*

Sample Date: 09/04/2013



Location: San Diego Bay - South Central - B13-8060

Common Name: Queenfish

Scientific Name: *Seriphus politus*

Sample Date: 09/04/2013

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August - September 2013  
Figure N-4



Location: San Diego Bay - South Central - B13-8078  
 Common Name: Spotted Sand Bass  
 Scientific Name: *Paralabrax maculatofasciatus*  
 Sample Date: 09/04/2013



Location: San Diego Bay - South Central - B13-8078  
 Common Name: Spotted Turbot  
 Scientific Name: *Pleuronichthys ritteri*  
 Sample Date: 09/04/2013



Location: San Diego Bay - South Central - B13-8078  
 Common Name: Yellowfin Croaker  
 Scientific Name: *Umbrina roncadior*  
 Sample Date: 09/04/2013

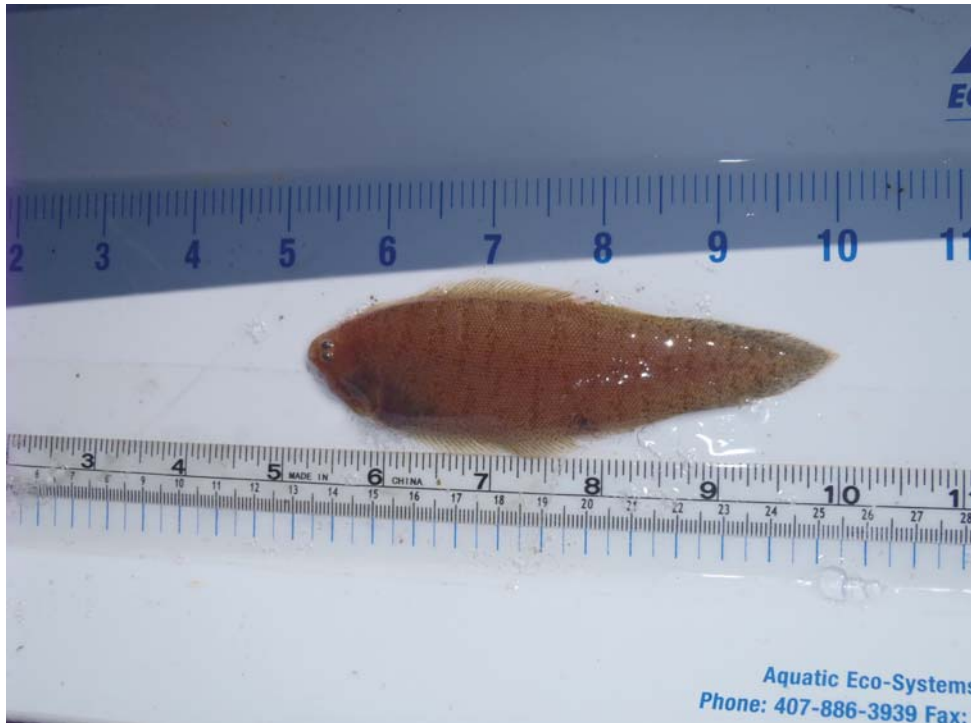


Location: San Diego Bay - North Central - B13-8109  
 Common Name: Fantail Sole  
 Scientific Name: *Xystreurys liolepis*  
 Sample Date: 09/03/2013





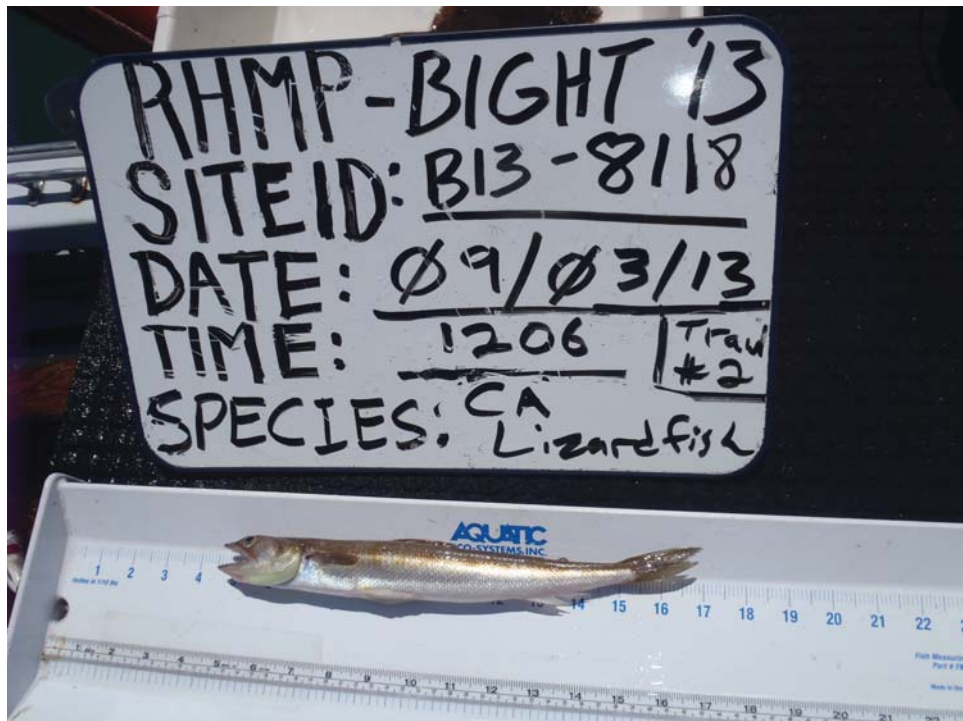
Location: San Diego Bay - North Central - B13-8109  
 Common Name: Shovelnose Guitarfish  
 Scientific Name: *Rhinobatos productus*  
 Sample Date: 09/03/2013



Location: San Diego Bay - North Central - B13-8109  
 Common Name: California Tonguefish  
 Scientific Name: *Symphurus atricaudus*  
 Sample Date: 09/03/2013



Location: San Diego Bay - North Central - B13-8109  
 Common Name: Diamond Turbot  
 Scientific Name: *Pleuronichthys guttulatus*  
 Sample Date: 09/03/2013



Location: San Diego Bay - North Central - B13-8118  
 Common Name: California Lizardfish  
 Scientific Name: *Synodus lucioceps*  
 Sample Date: 09/03/2013

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 August - September 2013  
 Figure N-8



Location: San Diego Bay - North Central - B13-8118  
 Common Name: Gray Smoothhound  
 Scientific Name: *Mustelus californicus*  
 Sample Date: 09/03/2013



Location: San Diego Bay - North Central - B13-8118  
 Common Name: White Seabass  
 Scientific Name: *Atractoscion nobilis*  
 Sample Date: 09/03/2013





Location: Mission Bay - B13-8159  
Common Name: Butterfly Ray  
Scientific Name: *Gymnura marmorata*  
Sample Date: 08/08/2013



Location: Mission Bay - B13-8159  
Common Name: California Halibut  
Scientific Name: *Paralichthys californicus*  
Sample Date: 08/08/2013





Location: Mission Bay - B13-8159  
 Common Name: Shadow Goby  
 Scientific Name: *Quietula y-cauda*  
 Sample Date: 08/08/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: Barred Sand Bass  
 Scientific Name: *Paralabrax nebulifer*  
 Sample Date: 08/05/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: Bat Ray  
 Scientific Name: *Myliobatis californica*  
 Sample Date: 08/05/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: Giant Kelpfish  
 Scientific Name: *Heterostichus rostratus*  
 Sample Date: 08/05/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: Kelp Bass  
 Scientific Name: *Paralabrax clathratus*  
 Sample Date: 08/05/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: Shiner Surfperch  
 Scientific Name: *Cymatogaster aggregata*  
 Sample Date: 08/05/2013





Location: Dana Point Harbor - B13-8263  
 Common Name: Spotfin Croaker  
 Scientific Name: *Roncador steamsii*  
 Sample Date: 08/05/2013



Location: Dana Point Harbor - B13-8263  
 Common Name: White Surfperch  
 Scientific Name: *Phanerodon furcatus*  
 Sample Date: 08/05/2013



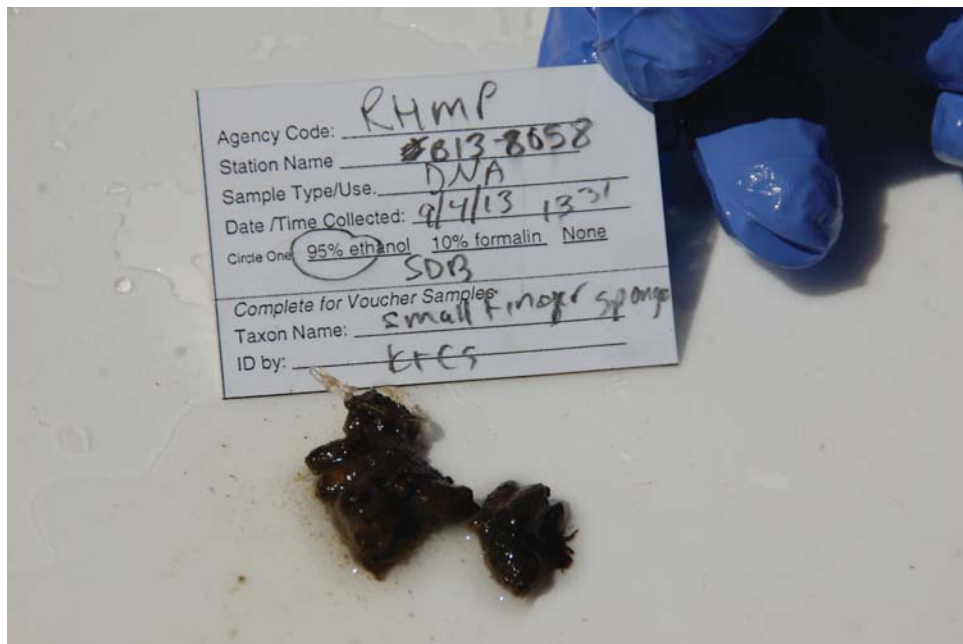
# Invertebrate Species



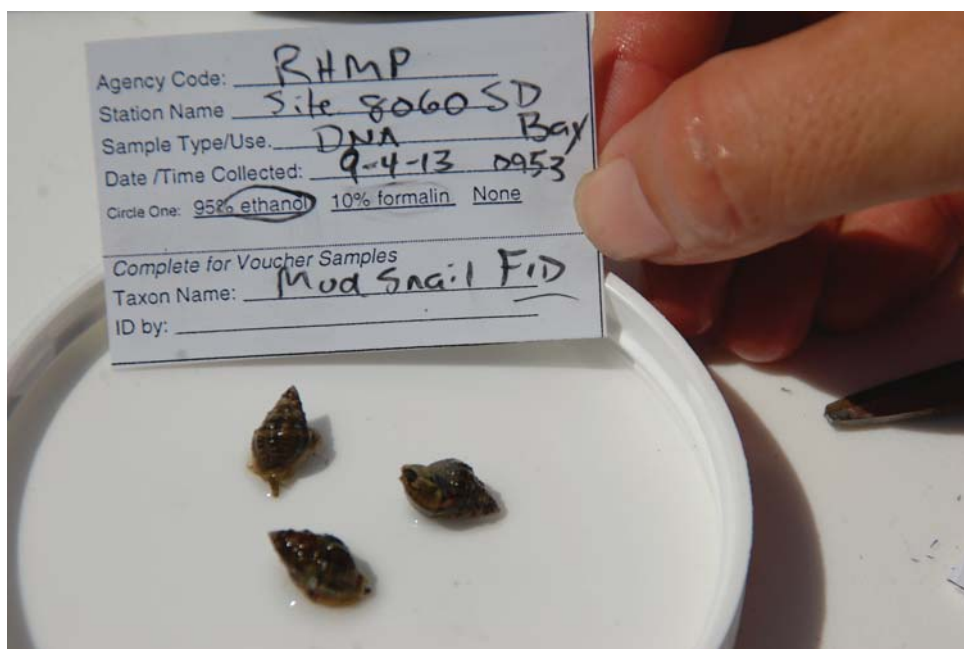
Location: Oceanside Harbor – B13-8239  
*Bulla gouldiana*  
 Sample Date: 08/06/2013



Location: San Diego Bay – South – B13-8029  
*Navanax inermis*  
 Sample Date: 09/05/2013



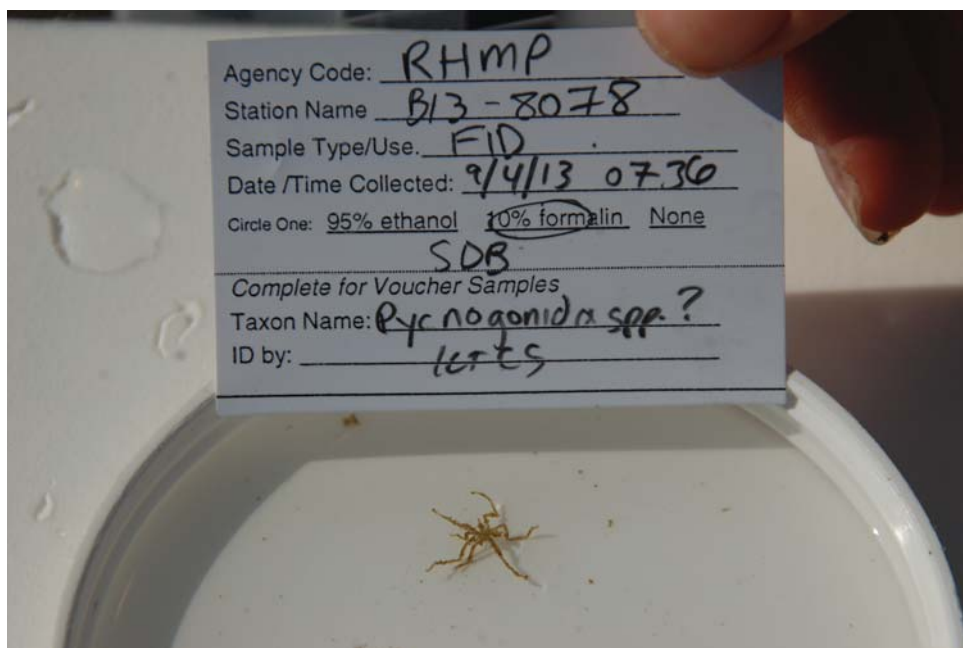
Location: San Diego Bay – South Central – B13-8058  
*Styela* sp.  
 Sample Date: 09/04/2013



Location: San Diego Bay – South Central – B13-8060  
*Caesia fossatus*  
 Sample Date: 09/04/2013

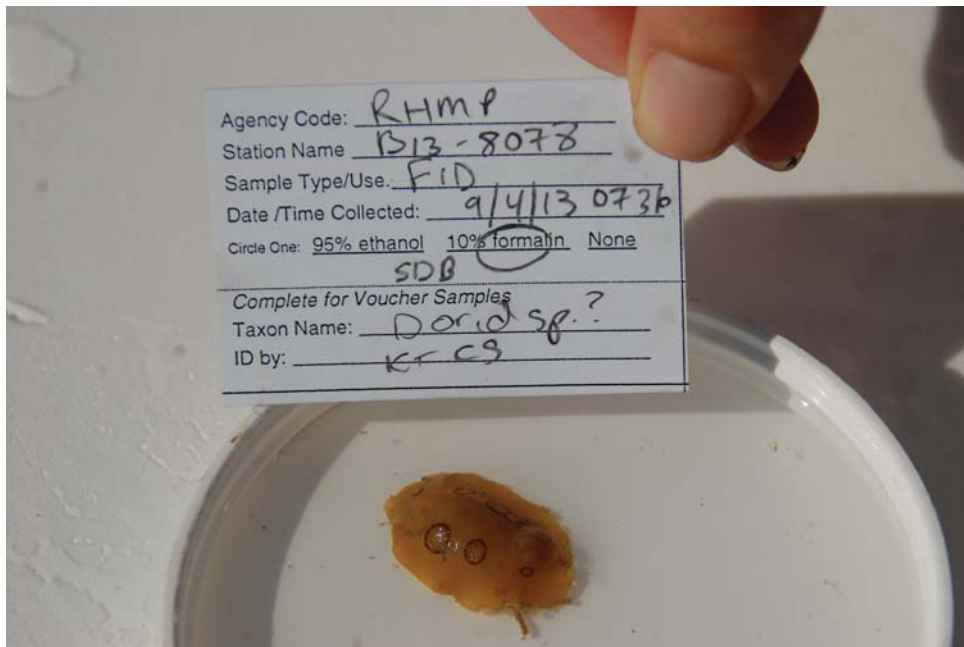


Location: San Diego Bay – South Central – B13-8060  
*Tetilla* sp.  
 Sample Date: 09/04/2013

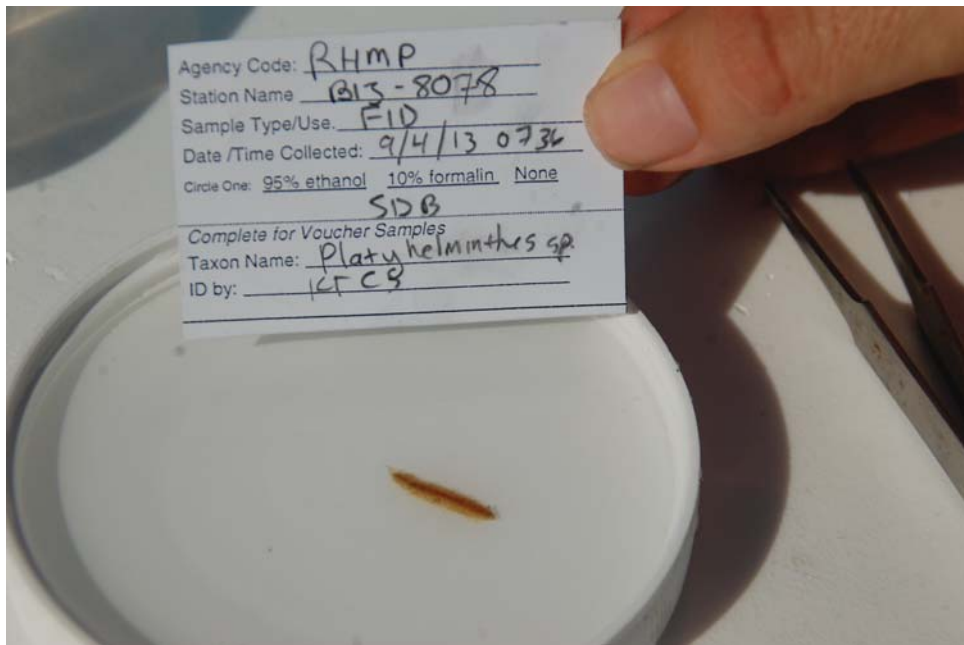


Location: San Diego Bay – South Central – B13-8078  
*Anoplodactylus erectus*  
 Sample Date: 09/04/2013





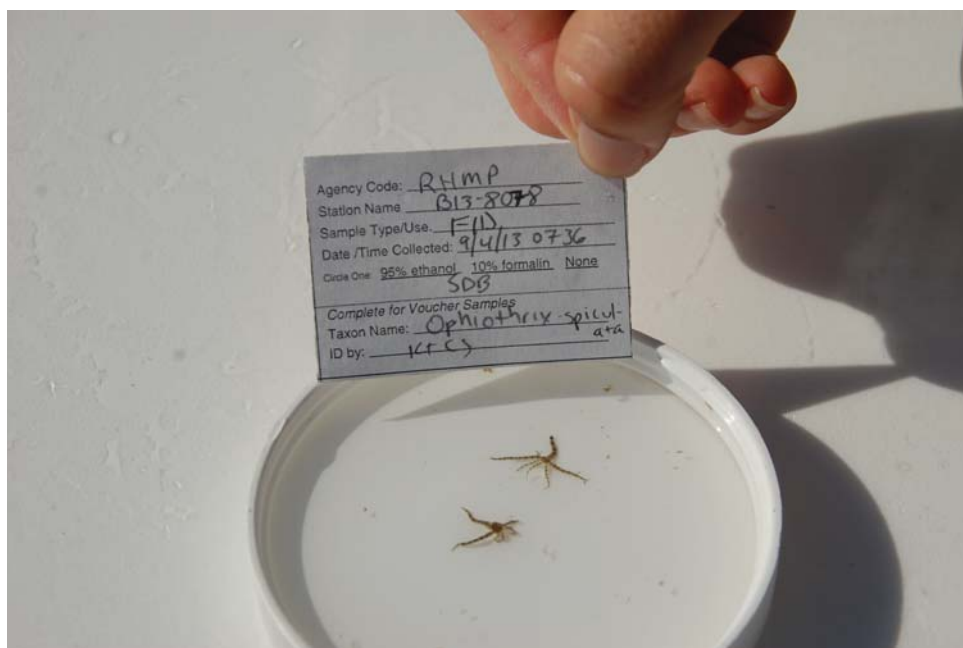
Location: San Diego Bay – South Central – B13-8078  
*Diaulula sandiegensis*  
 Sample Date: 09/04/2013



Location: San Diego Bay – South Central – B13-8078  
*Harmathoe* sp.  
 Sample Date: 09/04/2013  
 Note: Two *Harmathoe* sp. caught, may be different species, or a currently undescribed species



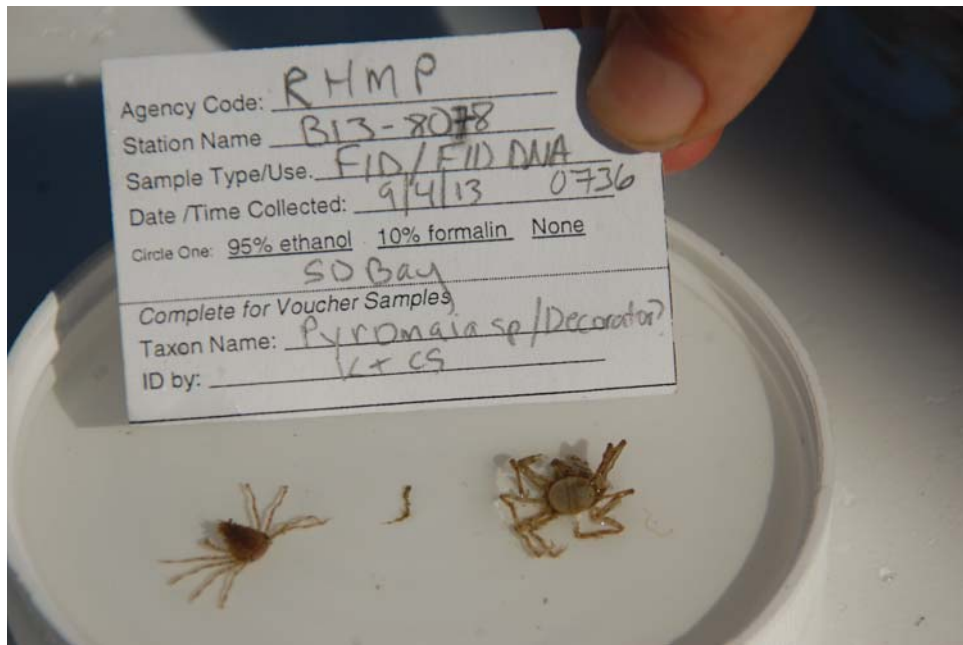
Location: San Diego Bay – South Central – B13-8078  
*Janolus barbarensis*  
 Sample Date: 09/04/2013



Location: San Diego Bay – South Central – B13-8078  
*Ophiocnida hispida* and *Ophiuroidea* sp.  
 Sample Date: 09/04/2013



Location: San Diego Bay – South Central – B13-8078  
 Order: *Haplosclerida*  
 Sample Date: 09/04/2013  
 Note: Indentifiable down to order only



Location: San Diego Bay – South Central – B13-8078  
*Pyromaia tuberculata*  
 Sample Date: 09/04/2013



Location: San Diego Bay – North Central – B13-8109  
*Acanthoptilum* sp.  
 Sample Date: 09/03/2013



Location: San Diego Bay – North Central – B13-8109  
*Suberites* sp.  
 Sample Date: 09/03/2013

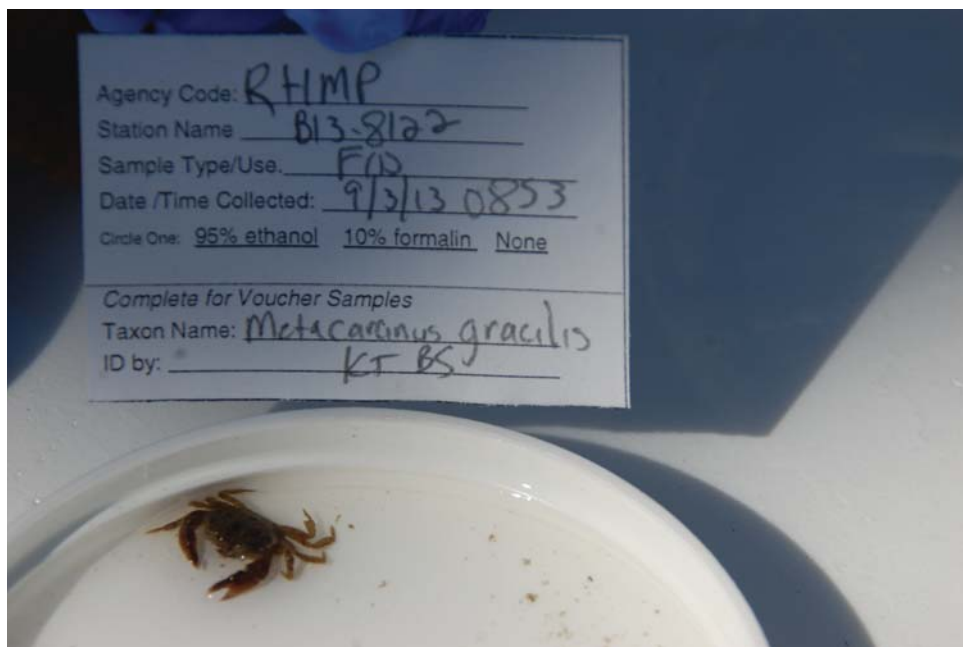




Location: San Diego Bay – North Central – B13-8118  
*Farfantepenaeus californiensis*  
 Sample Date: 09/03/2013



Location: San Diego Bay – North – B13-8122  
*Crassostrea gigas*  
 Sample Date: 09/03/2013



Location: San Diego Bay – North – B13-8122  
*Lophopanopeus frontalis*  
 Sample Date: 09/03/2013



Location: Mission Bay – B13-8152  
 Colonial *Ascidian* sp.  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8152  
*Dendraster excentricus*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8152  
*Heptacarpus palpator*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8152  
*Ophiothrix spiculata* and *Ophiuroidea* sp.  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8152  
*Panulirus interruptus*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site





Location: Mission Bay – B13-8156

*Alia carinata*

Sample Date: 09/11/2013

Note: Additional RHMP Site



Location: Mission Bay – B13-8156

*Chalinula loosanoffi*

Sample Date: 09/11/2013

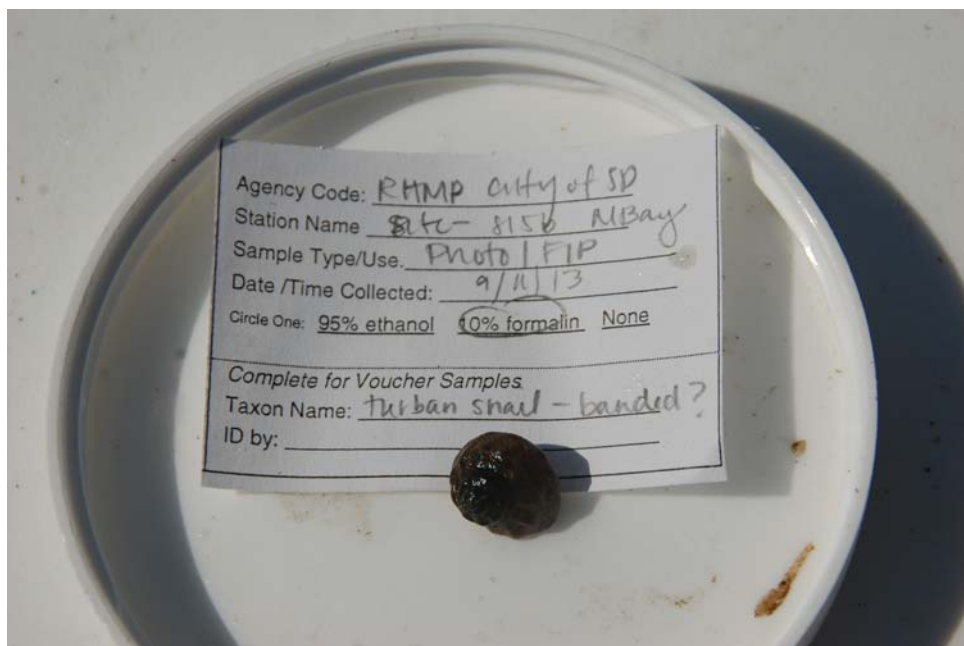
Note: Additional RHMP Site; Additional RHMP Site; identification subject to change upon further efforts by Megan Lilly

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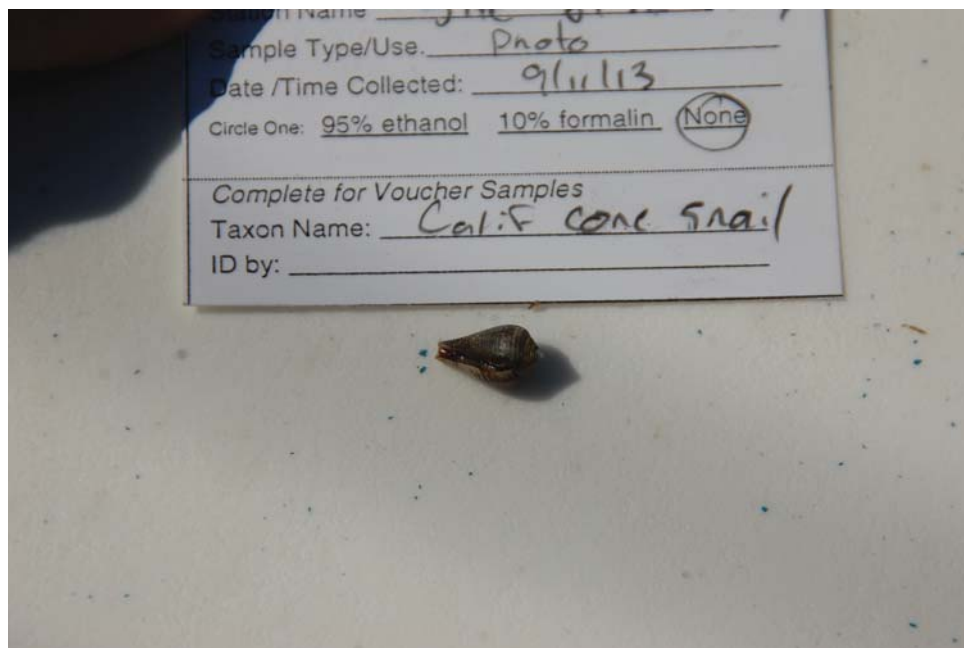
AMEC Project No. 1315102302

August - September 2013

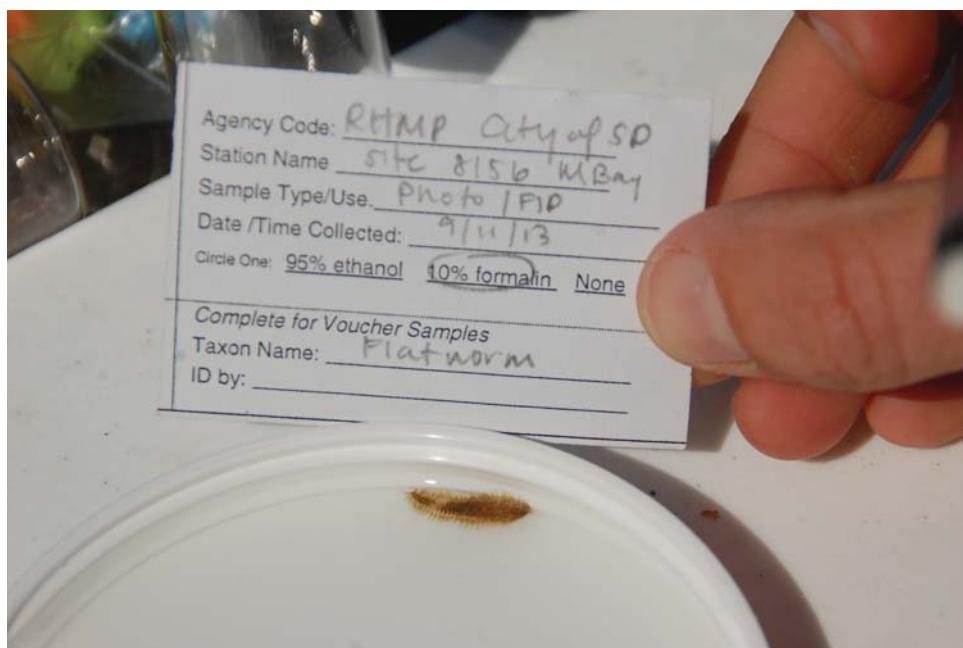
Figure N-26



Location: Mission Bay – B13-8156  
*Chlorostoma aureotincta*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8156  
*Conus californicus*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8156

*Harmathoe* sp.

Sample Date: 09/11/2013

Note: Additional RHMP Site; Two *Harmathoe* sp. caught, may be different species, or a currently undescribed species



Location: Mission Bay – B13-8156

*Hippolyte californiensis*

Sample Date: 09/11/2013

Note: Additional RHMP Site

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Figure N-28

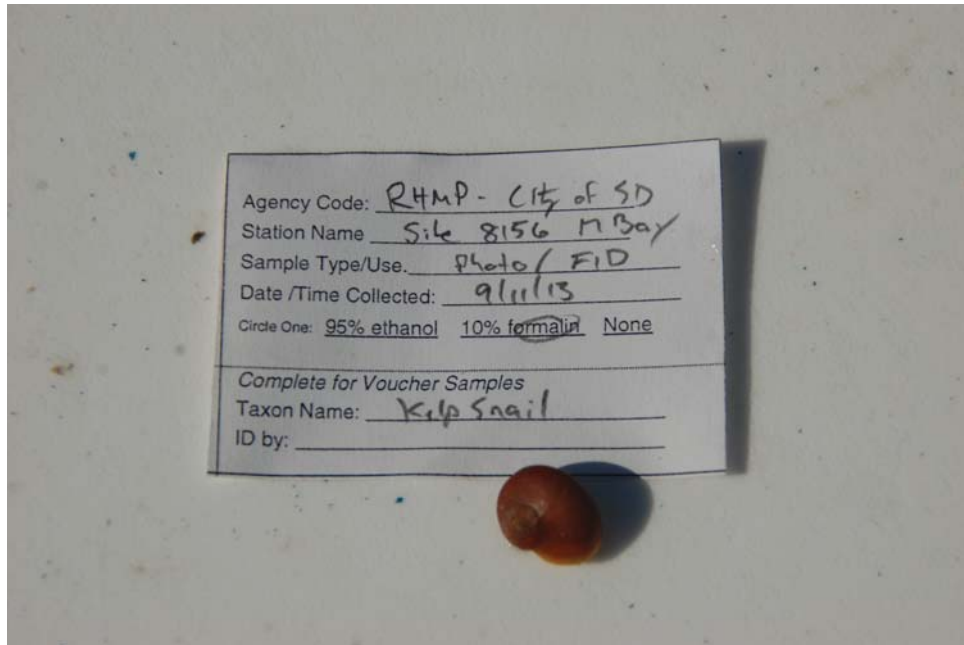




Location: Mission Bay – B13-8156  
*Lytechinus anamesus*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8156  
*Megastrea undosa*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8156  
*Norrisia norrisi*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8156  
*Sicyonia ingentis*  
 Sample Date: 09/11/2013  
 Note: Additional RHMP Site



Location: Mission Bay – B13-8159  
*Epiactis prolifera*  
 Sample Date: 08/08/2013



Location: Mission Bay – B13-8159  
*Halichondria* sp.  
 Sample Date: 08/08/2013





Location: Mission Bay – B13-8159  
*Musculista senhousia*  
 Sample Date: 08/08/2013



Location: Oceanside Harbor – B13-8239  
*Crangon nigromaculata*  
 Sample Date: 08/06/2013



Location: Oceanside Harbor – B13-8239  
*Portunus xantusii*  
 Sample Date: 08/06/2013



Location: Oceanside Harbor – B13-6239  
*Romaleon antennarium*  
 Sample Date: 08/06/2013