

**(SCAITE LOGO)**

**SOUTHERN CALIFORNIA ASSOCIATION OF  
ICHTHYOLOGICAL TAXONOMISTS AND ECOLOGISTS**

**19 September 2011, CMA**

**Attendance:** Julianne Passarelli, Alfonso Montiel, Atsuhiko Kubo, Calvin Won (CMA); Bill Power, Fred Stern (LACSD); Mike Mengel (OCSD); Jim Rounds (CLA - Hyperion); Robin Gartman (CSD); Eric Miller (MBC); Don Buth (UCLA); Edward Basmadjian (SAIC); Jim Allen (Ecorp Consulting); Camm Swift (Emeritus, LACM); Rick Feeney (LACM); Bill Isham (Weston); Dan Pondella (Occidental College).

**Meeting Summary:**

Dr. Juli Passarelli opened the meeting by introducing the guest speaker, Dr. Don Buth from UCLA, who gave a presentation on tidepool fishes.

Don discussed collecting and identifying tidepool fishes particularly in the San Simeon area. He continued the work that Boyd Walker had done on the San Simeon reef from 1948-1979. The study consisted of three zones (high, middle, and low tide) with three sampling areas per zone. While Walker did a qualitative study, Buth did a quantitative study retaining all animals collected with the use of Cube' root (rotenone). Approximately 30,000 fish were collected between 1981-2005. He stopped collecting in 2007 due to a California Department of Fish and Game decision that no longer allowed him or anyone else to use Cube' root for collecting purposes.

This study found that the tidepool fishes followed a similar distribution pattern to freshwater streams, with fewer and smaller fish near the inshore area (head waters) and more numerous and larger fish near the offshore area (stream mouth). Also during the study the makeup of the tidepools changed, sometimes dramatically, due to erosion and wave action. Work here and in other places showed that the tidepool fish would recover after the next high tide. Also fish species recovered differently to exposure to Cube' root, with some making a full recovery if kept in clean aerated seawater, where other species would never recover.

When identifying Cottids, it is important to look at field guides and be aware of certain major characters: color morphs, cirri, scales, opercular spines.

After lunch the meeting continued with SCAITE business and announcements.

1. SCAITE logo:

All ideas need to be submitted to SCAITE by the December 5<sup>th</sup> meeting.

2. SCAITE website:

SCCWRP will host a SCAITE website although there still needs to be some discussion about what would be on it. Also SCAITE will need to create a web page. It was suggested that Jonathan Williams might be able to help with this.

Update of SCCWRP and POTW fish collections: It still seems that SCCWRP is planning to get rid of their fish collection.

Redoing and updating Miller and Lea "Guide to the coastal marine fishes of California": Although this is something that everyone is interested in, no one was sure if Bob Lea was redoing the guide and if he would be interested in help from SCAITE in updating his work. Bill Power said he would get in contact with Bob Lea and see if he was interested in help.