



SOUTHERN CALIFORNIA ASSOCIATION OF ICHTHYOLOGICAL TAXONOMISTS AND ECOLOGISTS

13 September 2021, Online Zoom Meeting

Attendance: Julianne Passarelli (CMA); Terra Petry, Bill Furlong, Norbert Lee, Shelly Walther (LACSD); Craig Campbell (CLA); Zoe Scott, Ami Latker (CSD); Mike Mengel (OCSD-retired); Karin Wisenbaker (ABC Labs); Kevin Stolzenback (Wood); Robin Gartman (CSD-retired); Karen McLaughlin (SCCWRP); Victoria Wood.

Meeting Summary:

Dr. Juli Passarelli opened the meeting by welcoming SCAITE members. Juli gave a brief narrative of the day's agenda. Announcements regarding upcoming events were made and SCAITE business was discussed.

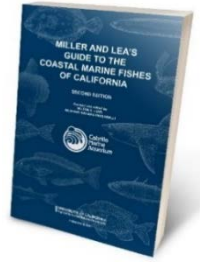
1. Upcoming SCAITE meetings:

Visit the SCAITE website at www.scaite.org for the latest meeting announcements.

- December 6, 2021: guest speaker (Shark Lab student); considering a hybrid approach to the meeting. The in-person platform would be held in CMA Auditorium and the virtual platform will be through Zoom.
- March 21, 2022: Fish Response Index (FRI) update presentation and Bight '23 preparation discussion (i.e. fish taxonomist qualifications, fish anomalies and countable parasites)
- June 6, 2022: Bight '23 preparation discussion
- September 19, 2022: guest speaker (graduate student)
- December 19, 2022: review Miller and Lea book

2. Miller and Lea:

Books can be purchased from the CMA gift shop or directly from the publisher's website: University of California, Agriculture and Natural Resources (UCANR) <https://anrcatalog.ucanr.edu/Details.aspx?itemNo=3556> for \$30.



Juli gave Miller and Lea book presentations at Southern California Academy of Sciences (SCAS) and Multi-Agency Rocky Intertidal Network (MARINE) meetings.

The book is to be reviewed in the Journal of Ichthyology & Herpetology (formerly Copeia), official publication of American Society of Ichthyologists and Herpetologists.

3. Upcoming events:

Book Signing or Acknowledgement Party for Miller and Lea's Guide To The Coastal Marine Fishes Of California has been postponed until deemed safe to resume large group (100+) gathering, likely Spring 2022.

Cabrillo Marine Aquarium Discovery Lecture Series will be held virtually. The current schedule is listed below. For more information go the Discovery Lecture Series website at <https://www.cabrillomarineaquarium.org/events-news/news.asp?id=178>

- October 1, 2022: The secret social lives of sharks presented by Dr. Yannis Papastamatiou, Florida International University

Marine Mammal Care Center Beneath the Surface Lecture. The next presentation is schedule on September 22, 2021: What does the increase in White Shark population mean for marine mammals and coastal communities? presented by Dr. Chris Lowe, Director of the Shark Lab at California State University Long Beach. For more information go to the Marine Mammal Care Center website at <https://marinemammalcare.org/bts/>

4. Fish Response Index (FRI) update presentation: Karin Wisenbaker, Kevin Stolzenback, Ami Latker:

The following document contains information on how the fish response index was derived: Allen et al. 2001. Development of Biointegrity Indices for Marine Demersal Fish and Megabenthic Invertebrate Assemblages of Southern California. Technical Report 469. Southern California Coastal Water Research Project.

http://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/469_DemersalMegabenthicBiointegrityIndices.pdf

Kevin presented fish data from Bays and Harbors (depths <10 meters) while Ami presented data for offshore Inner Shelf stations (depths up to 30 meters). Bays and Harbors can consist of differing habitats (i.e. eelgrass beds) than that seen on the shelf. The FRI validation was conducted on shelf strata, water depths not less than 60 meters. Kevin identified a station within San Diego Bay that was flagged as non-reference. It was found that very few individuals and species were driving the FRI to a non-reference result. Is this station truly non-reference or is it the species that are driving this phenomenon by simply living in a more suitable habitat based

on life stage? Ami found 93% of the Inner Shelf stratum were flagged non-reference. Majority of these stations were in the northern region. Could perhaps natural oil seeps be driving the non-reference condition that is being reflected by the FRI? The presenters will continue to examine these data phenomena and will present another update at the Marsh 21, 2022 meeting. It seems reasonable to bring the Bight '18 Trawl Group into the discussion.

5. Miller and Lea update:

Juli will create and send out a Google Form where members can log edits or comments for future revision in the Third Edition of the book. Milton is continuously revising the text as new range extensions are encountered. Any new range extension reports should be submitted directly to Milton.