

SOUTHERN CALIFORNIA ASSOCIATION OF MARINE INVERTEBRATE TAXONOMISTS



September–October 2020

SCAMIT Newsletter

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Undescribed species of *Protolafystius*, from the body surface of a California Scorpionfish (*Scorpaena guttata*) OCSD Rig fishing Zone 1, ~57 m, 29 September 2020. Photo by D. Tang.

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The SCAMIT newsletter is not deemed to be a valid publication for formal taxonomic purposes

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14 SEPTEMBER 2020, POLYCHAETE TOOLBOX REVIEW, PART II, K. BARWICK

Attendance (Zoom): Leslie Harris, NHMLAC; Larry Lovell, Tony Phillips, DCE; Christine Boren, Norbert Lee, LACSD; Rob Gamber, Kelvin Barwick, OCSD; Ricardo Martinez Lara, Veronica Rodriguez, Maiko Kasuya, CSD.

Picking up from the last polychaete toolbox review meeting, we continued with a file-by-file review. Some of the major polychaete families considered were, Phyllodocidae, Nereididae, Syllidae, Oweniidae, Sabellidae, Magelonidae, and Spionidae. Each file

was viewed and vetted by those in attendance. A determination was then made as to keep, delete, or replace it with a modified version. Additionally, relevant material that is not presently in the toolbox was reviewed for inclusion. At the meeting 160 files were considered; 102 had no change, 25 were to be deleted, 6 were to be modified, 1 needed authorship and 17 new files were to be added. 228 files remain to be reviewed. Everyone in attendance agreed this was a worthwhile pursuit and Kelvin vowed to return for a Part III, hopefully, the last one. [At the time of this writing no files have been deleted or uploaded to the web site.]

UPCOMING MEETINGS

Visit the SCAMIT website at: www.scamit.org for the most current meetings announcements.

19 OCTOBER 2020, PROVISIONAL SPECIES WEBSITE, C. LARSEN

Attendance (Zoom): Erin Oderlin, Cody Larsen, Greg Lyon, Jennifer Smolenski, Joanne Linnenbrink, Craig Campbell, CLAEEMD; Bill Furlong, Brent Haggin, Jojo Loan, Don Cadien, LACSD; Kelvin Barwick, Danny Tang, Ernie Ruckman, Ben Ferraro, OCSD; Heather Peterson, Diane O'Donohue, SFPUC; Wendy Enright, Adam Webb, Veronica Rodriguez, Ricardo Martinez Lara, Maiko Kasuya, Megan Lilly, CSD; Dean Pasko, Tony Phillips, DCE; Mary Wicksten, UTAM.

SCAMIT business began with upcoming meetings announcements. October 26th is the next Species List Review Committee (SLRC) meeting to prepare for the publication of Ed 13. There is no official topic, or host, for November and volunteers are encouraged. December will be the general membership meeting and the opening of officer nominations. Kelvin is stepping down as president so get your nominations ready.

Erin was able to close out the SCAMIT investment CD with the help of previous SCAMIT President, Larry Lovell. Larry was the only signatory on the account and thus it was a little complicated but, in the end, successful. Currently Erin is looking into high yield savings accounts and encourages future SCAMIT officers to be sure there is more than one signatory on any SCAMIT account, and to keep a list of signers for each account.

Kelvin then gave an introductory overview on the history of the Provisional Species website. Megan noted that members could review previous SCAMIT Newsletters, Vol 38 No. 4 & No. 5 for discussions on this topic.

Cody then began his presentation with a review of the logistics of his site. Members will need to have a Google account as the site is based on Google forms. There is a master sheet to which all forms are uploaded and subsequently organized by phyla.



The site is currently hosted for free on a wixsite but will eventually be moved to the SCAMIT domain. Until then it can be found at:

<https://scamitdatabase.wixsite.com/scamitprovisionals>

A discussion ensued about privacy and open access. We decided that the ability to edit files will be restricted but members will be able to review and comment.

We also discussed the logistics and responsibility of timely reviews. Some members felt a certain number of files should be reviewed at the monthly meetings and others felt the review of files should be part of the SLRC duties. We settled on having the review and approval process completed at phyla appropriate SCAMIT meetings. The SLRC will help run the website but will not take on the responsibility of being the final reviewers of a provisional species sheet.

We then briefly reviewed the SCAMIT provisional species (versus in-house provisionals) submittal policy, which is posted on the SCAMIT website. The guidelines can be found here:

<https://scamit.org/documents/VoucherGuidelines-2015.pdf>

Wendy, Erin, and Brent volunteered to help Cody further develop the site and possibly help with future maintenance.

A list of Action Items developed and is listed below:

- Cody will look in to restricting downloading and making the files “view only” except for editors
- Don and Tony asked if a feature could be added that would “ping” the author of a sheet if someone submitted a comment
- Two folders need to be created, a Bight ‘18 folder and general SCAMIT provisionals folder

The question arose of whether or not in-house ID sheets should be uploaded. These sheets are often simple and do not meet the requirements of a true provisional species sheet. It was decided that they should be uploaded so that at least the information is available.

At the end of the meeting we chatted about how people are dealing with new COVID technology work-arounds - Is it working? What isn’t working? What should we keep? What should we throw out? It was generally agreed that it wasn’t ideal but we are stuck with it for now. On the positive side it allows for a wider geographic range of participants.

26 OCTOBER 2020, SLRC, K. BARWICK

Attendance (Zoom): Ricardo Martinez Lara, Wendy Enright, Megan Lilly, Maiko Kasuya, Adam Webb, Veronica Rodriguez, Katie Beauchamp, Zoë Scott, CSD; Jennifer Smolenski, Erin Oderlin, Greg Lyon, CLAEMD; Brent Haggin, Jojo Loan, Don Cadien, LACSD; Kelvin Barwick, Ben Ferraro, Danny Tang, OCSD; Tony Phillips, DCE; Tom Turner, UCSB.

Kelvin called for new members to introduce themselves. Tom Turner joined us from UCSB and told us briefly about his work on sponge taxonomy, which currently is focused on Demospongiae. He agreed to help with Porifera on the List. Ricardo was new to the SLRC and will be helping with the polychaete portion of the List going forward.



After introductions Kelvin gave a historical overview of the SLRC for new member Tom Turner.

The first topic was how to deal with Echiurans as annelids; do we accept the proposed changes? And if so, we might have to make a note in the front matter letting people know where to find them.

Kelvin moved on and alluded to a lot of changes in the mollusks. He then gave a brief overview from the previous week's meeting on provisional species and covered decisions regarding the new provisional species site.

After the List work is complete, Kelvin suggested we start to review the provisional species emendation list and go forward. This task would be for the SLRC and is a separate issue from reviewing new provisional species sheets uploaded to Cody's site.

Kelvin posed a question on whether SCAMIT wanted to incorporate “subterclass” or “cohort” into the List. He showed us an example of subterclass that he found while working on the mollusks. It was decided that these phylogenetic levels would not be used. If needed and possible, we will delete higher classifications that are no longer applicable.

Brent was asked what he wants delivered by the December 1st deadline? He wants the red line version of the mockup and the proposal list. If there is anything on the hold list that can be inserted, it can be placed in the proposal as an “add”. He wants to make sure any non-controversials can be put on the proposal list, e.g., fix italics, spelling changes, etc.

Don had the floor and asked Danny if there was a decision made as to whether the amphipod they found was *Protolafystius* sp A or something else? Danny believes it's something new. [See cover photo]

In closing, Don noted that he will be sending out Tom's suggestions for the sponges after he has mocked up that section. Kelvin stated he will be sending out his mollusk mockup shortly.

PROVISIONAL SPECIES LONG TIME COMING

Attached is a voucher sheet for *Hoplonemertea* sp D SCAMIT 2021. Tony Phillips first encountered this animal in 2010 while processing the Enopla from Bight '08. He created a voucher sheet for this species in 2012 but it was never published and has since been through a few permutations. It is now finalized and included in this newsletter. This species is not uncommon in CSD samples.



Please visit the SCAMIT Website at: www.scamit.org

SCAMIT OFFICERS

If you need any other information concerning SCAMIT please feel free to contact any of the officers at their e-mail addresses:

President	Brent Haggin	(562)908-4288 x 5672	bhaggin@lacsds.org
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SCAMIT is a 501(c)(3) charity. The newsletter is published every two months and is distributed freely to members in good standing. Membership is \$20 for an electronic copy of the newsletter, available via the web site at www.scamit.org, and \$35 to receive a printed copy via USPS. Institutional membership, which includes a mailed printed copy, is \$65. All correspondences can be sent to the Secretary at the email address above or to:

SCAMIT
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Date Examined: 1 November 2012

Voucher By: Tony Phillips

SYNONYMY: Hoplonemertea sp SD4 Phillips 2010
 Hoplonemertea sp D fide Phillips 2012 of CSD

LITERATURE:

- Bernhardt, P. 1979. A key to the Nemertea from the intertidal zone of the coast of California. (Unpublished).
Coe, W.R. 1901. Papers from the Harriman Expedition, 20, the Nemerteans. Proc. Wash. Acad. Sci., 3:1-110.
Coe, W.R. 1905. Nemerteans of the west and north-west coasts of North America. Bull. Mus. Comp. Zool Harvard Coll. 47:1-319.
Coe, W.R. 1940. Revision of the nemertean fauna of the Pacific Coast of North, Central and northern South America. Allen Hancock Pacific Exped. 2(13):247-323.

DIAGNOSTIC CHARACTERS:

1. Body white, thick, generally of uniform width; mid-body slightly wider; anterior bluntly rounded.
2. Proboscis sheath extends approximately 90% length of body.
3. Basis length appears to equal stylet length (s/b ratio ~ 1), basis pear shaped. (see Figure 2)

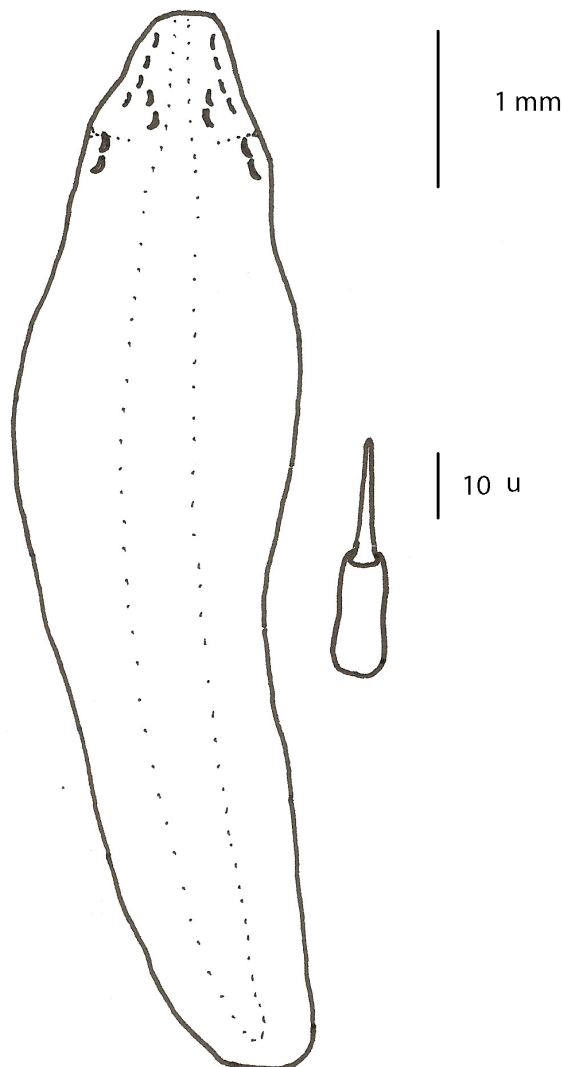


Fig 1. Hoplonemertea sp D
(=Hoplonemertea sp SD4)
B'08 stn 7645, July 2008, 153m

4. Eyes not visible uncleared; cleared specimens with 4 – 8 pairs of thin crescent shaped eyes along anterior lateral; inside of and at posterior end of anterior lateral crescent eyes (in front of weak cephalic groove) are 2 – 3 pair of crescent shaped eyes; on posterior edge of weak cephalic groove are 2 -3 pair of crescent eyes along lateral edge. The number of pairs of eyes in each region increase in number with size. (see Figures 1 & 3)
5. Size of specimens observed 5 – 15 mm.

DISTRIBUTION: San Diego, CA

DEPTH RANGE: 57 – 153 meters



Figure 2.
Hoplonemertea sp D basis and stylet (15 mm specimen)
CSD, I-28, July 2012, 57 m
Photo by Wendy Enright, City of San Diego

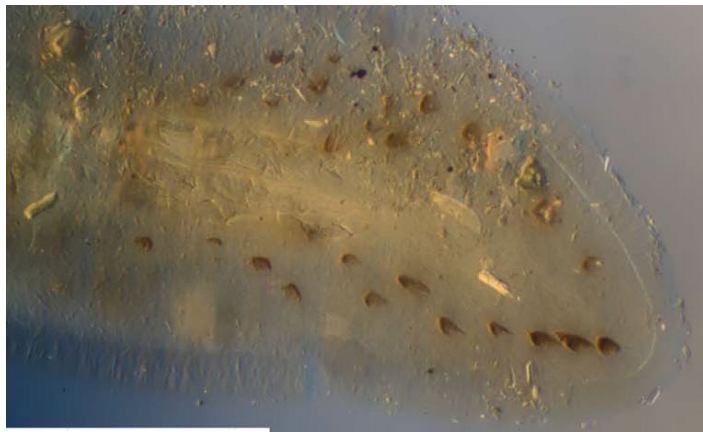


Figure 3.
Hoplonemertea sp D eye pattern (15 mm specimen)
CSD, I-28, July 2012, 57 m
Photo by Wendy Enright, City of San Diego

RELATED SPECIES:

History: In 2012 T. Phillips proposed and produced a preliminary voucher sheet for this species. The other three Hoplonemertea SCAMIT provisional species have different eye patterns and distinctly different s/b ratios and shapes. There is a similarity in eye pattern with Hoplonemertea sp C SCAMIT 2011, but the elevated dorsal ridge that is found in H. sp C is lacking in H. sp D. If the stylet and basis are observable this would also differentiate H. sp C from H. sp D. See Hoplonemertea sp A SCAMIT 2007, Hoplonemertea sp B SCAMIT 2011, and Hoplonemertea sp C SCAMIT 2011, in SCAMIT Taxonomic Tools.