

**SOUTHERN  
CALIFORNIA  
ASSOCIATION OF  
MARINE  
INVERTEBRATE  
TAXONOMISTS**



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SCAMIT Newsletter

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*PETALOPROCTUS NEOBOREALIS*  
LOS ANGELES, CA LACM-AHF POLY 8797  
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The SCAMIT newsletter is not deemed to be a valid publication for formal taxonomic purposes

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### 9 MARCH 2020, BIGHT'18 POLYCHAETE PROVISIONAL SPECIES, OCSD

**Attendance:** Kelvin Barwick, Ben Ferraro, Ernie Ruckman, Rob Gamber (OCSD); Ricardo Martinez, Veronica Rodriguez, Maiko Kasuya, Adam Webb (CSD); Bill Furlong, Brent Haggin, Norbert Lee, Christine Boren (LACSD); Jennifer Smolenski, Greg Lyon, Erin Oderlin (CLAEMD); Larry Lovell, Tony Phillips (DCE); Leslie Harris (NHMLAC); Angelica Zavala Lopez (MTS).

#### UPCOMING MEETINGS

Visit the SCAMIT website at: [www.scamit.org](http://www.scamit.org) for the latest upcoming meetings announcements.

Kelvin opened the day with upcoming meeting announcements:

- April 6 - NHMLAC - DISCO ID's - All Phyla – lead by L. Harris (cancelled due to COVID)
- April 13 - OCSD - Species List Review Committee - K. Barwick (cancelled due to COVID)
- May 11 - OCSD - Troublesome Gastropods - W. Enright & M. Lilly (cancelled due to COVID)

With that we moved on to the topic of the day, in-house polychaete provisional species listings. Kelvin started by discussing the provisional species website developed by Cody Larsen (CLAEMD). We reviewed the steps for formalizing the process.

- Use the site as a repository for voucher sheets
- The site should be the starting point for vetting in-house provisional species and elevating to SCAMIT provisional species; thus moving species off the Hold-List
- Review the site for future meeting discussions to make progress on provisional listings and move the provisional species down the review line

Kelvin will talk to Dean Pentcheff about integration of future sheets to the SCAMIT website.

The meeting started with Jennifer Smolenski (CLAEMD) asking for further clarification on Leslie's provisional species *Euclymeninae* sp A and *Euclymeninae* sp B (Family Maldanidae). Leslie specified that the stain pattern on setiger 7 is the stable character that can be used to distinguish between the two species. *Euclymeninae* sp A has a stain band on setiger 7 that goes all the way around the animal, versus *Euclymeninae* sp B which has a set of rectangular stain patches on the ventrum of setiger 7.

We then moved on to reviewing Bight '18 Polychaete Provisionals, starting with Brent Haggin (LACSD):

- *Aphelochaeta* sp LA2 Haggin 2019 §, Family Cirratulidae - 75m off Santa Cruz Island. This species was originally described by C. Brantley from the Bight '98 survey and placed on the hold list. Brent found the original sample and created the voucher sheet
- *Aphelochaeta* sp LA4 Haggin 2019 §, Family Cirratulidae - 548m in San Pedro Channel off the west end of Catalina Island
- *Aphelochaeta* sp LA5 Haggin 2019 §, Family Cirratulidae - 548m in San Pedro Channel off the west end of Catalina Island



- *Chaetozone* sp LA2 Haggin 2019 §, Family Cirratulidae - 818m in Santa Monica Basin
- *Kirkegaardia* sp LA1 Haggin 2019 §, Family Cirratulidae - 738m to 883m in San Pedro Channel and Santa Monica Basin
- *Cossura* sp LA1 Haggin 2019 §, Family Cossuridae - 745m in San Pedro Channel
- *Jasmineira* sp LA1 Haggin 2019 §, Family Sabellinae - 548m in San Pedro Channel off the west end of Catalina Island
- *Lepidonotus* sp LA1 Haggin 2019 §, Family Polynoidae - 745m in San Pedro Channel
- *Syllis* sp LA4 Haggin 2019 §, Family Syllidae - 745m in San Pedro Channel
- *Phyllochaetopterus* sp LA1 Haggin 2019 §, Family Chaetopteridae - 818m to 883m in San Pedro Channel and Santa Monica Basin

Kelvin Barwick was next to present his provisional species. He noted his new provisional taxa lacked the scholarship and completeness for inclusion in future SCAMIT listings. They were erected as place holders to expedite work and were presented at the meeting for comments and suggestions:

- *Glycera* sp LA1 Parker 1999 §, Family Glyceridae – Brent Haggin found some good specimens in the current survey and will take photos and update the voucher sheet
- *Amphinome* sp OC1 Barwick 2019, Family Amphinomidae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m. Leslie Harris suggested comparing it to *Pareurythoe californica* (Johnson, 1897)
- *Laphania* sp, Family Terebellidae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m. Leslie suggested making this *Laphania* sp OC1
- *Lumbrinerides* sp OC1 Barwick 2020, Family Lumbrineridae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m
- *Macrochaeta* sp OC1 Barwick 2019, Family Acrocirridae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m
- *Macrochaeta* sp OC2 Barwick 2019, Family Acrocirridae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m
- *Microspio* sp OC1 Barwick 2019, Family Spionidae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m
- *Sphaerosyllis* sp OC1 Barwick 2020, Family Syllidae – off the northeast corner of San Miguel Island; coarse sand and shell hash, 75m
- *Sphaerosyllis* sp SD2 Rowe 1996 § (or 1997), Family Syllidae – off Anacapa Island; coarse sand and shell hash, 80m
- *Plakosyllis* sp OC1 Barwick 2020, Family Syllidae – northeast of Anacapa Island; coarse sand and shell hash, 82m
- *Pseudexogone* sp, Family Pilargidae – 91m



Adam Webb from CSD presented the following provisional species:

- *Dipolydora* sp SD1, Family Spionidae - 440m

After reviewing provisional species from the other agencies, attendees shared images of staining patterns for some of the following species:

- *Amage arieticornuta* Moore 1923, Family Ampharetidae
- *Ancistrosyllis* sp LH2 Harris 2020 §, Family Pilargidae
- *Ancistrosyllis* sp A Harris, Family Pilargidae
- *Anobothrus* sp DC1 Harris 2014, Family Ampharetidae – 71m off San Miguel Island, Bight '13
- *Aphelochaeta* sp HYP6, Family Cirratulidae. This species has been synonymized with *Aphelochaeta* sp LA1
- *Aphelochaeta tigrina* Blake 1996, Family Cirratulidae
- *Aphrodita* UI, juveniles, Family Aphroditidae
- *Aricidea (Acmira) catherinae?*, Family Paraonidae
- *Aricidea (Strelzovia)* sp LH1 Harris 2020 §, Family Paraonidae – Newport Canyon
- *Aricidea (Strelzovia) antennata* Annenkova 1934, Family Paraonidae – Newport Canyon
- *Aricidae (Strelzovia) monicae* Laubier 1967, Family Paraonidae – Newport Canyon
- *Aricidae (Acmira) horikoshi* Imajima 1973, Family Paraonidae – LA Harbor with pre - & post-setal neuropodial lobes
- *Bradabyssa pilosa* (Moore 1906), Family Flabelligeridae – Newport Canyon
- *Chaetozone hartmanae* Blake 1996, Family Cirratulidae
- *Dodecamastus mariaensis* Blake 2000, Family Capitellidae – Newport Canyon
- *Eclysippe trilobata* (Hartman 1969), Family Ampharetidae. Leslie stated that she had been finding 2 stain patterns, the normal shallow-water type from standard surveys, and another from Newport Canyon. The deep-water form will be getting provisional status in the future
- *Euchone* sp C Harris 2020 §, Family Sabellidae – 62m in Santa Monica Bay. Leslie noted this form is what we have been typically identifying in the past as *E. incolor* Hartman, based on the redescription in Banse (1970). However, Banse used animals from multiple regions. The local species is not the same as Hartman's species which is from deep water off New England
- *Euclymene* sp F Harris 2020, Family Maldanidae – Newport Canyon
- *Eulalia* sp 11 Harris 1997, Family Phyllodocidae – Cabrillo Beach, subtidal
- *Eulalia* sp 17 Harris 2017 §, Family Phyllodocidae – Cabrillo Beach, Inner Breakwall



- *Fabrisabella cf vasculosa*, Family Sabellidae – Newport Canyon
- *Harmothoe hirsuta* Johnson 1897, Family Polynoidae
- *Harmothoe* sp C Harris 2020 §, Family Polynoidae. Previously erroneously identified as *H. hirsuta*
- *Heteromastus* sp LH1 Harris 2020 §, Family Capitellidae
- *Leiochrides hemipodus* Hartman 1960, Family Capitellidae
- *Lumbrineriopsis* sp SD1, Family Lumbrineridae – 95m off Catalina, Bight '13
- *Ophelina* sp LH1 Harris 2020 §, Family Opheliidae – Newport Canyon
- *Paradialychone harrisae* Tovar-Hernández & Dean 2010, Family Sabellidae
- *Petaloproctus ornatus* Hartman 1969 & *Petaloproctus neoborealis* Hartman 1969, Family Maldanidae
- *Polycirrus* sp 1 Banse, Family Terebellidae – Santa Monica Bay
- *Prionospio dubia* Day 1961, Family Spionidae – 62m
- *Prionospio lobulata* Fauchald 1972, Family Spionidae – Newport Canyon. Leslie remarked that what we have been calling *Prionospio ehlersi* Fauvel 1928, is, actually, this species (*lobulata*). It is scheduled to be updated in the Ed. 13 SCAMIT List
- *Prionospio* sp J Harris 2020 §?, Family Spionidae. Leslie stated that this species has been called *Prionospio jubata* Blake 1996, in the past but *Prionospio* sp J has a distinct staining pattern and branchiae 1 & 4 are ~ = in length whereas *P. jubata* does not have a staining pattern and branchia 4 is longer than 1
- *Microspio*, Family Spionidae
- *Sabellides manriquei* (Salazar-Vallejo 1996), Family Ampharetidae
- *Spiophanes duplex* (Chamberlin 1919), Family Spionidae
- *Spiophanes fimbriata* Moore 1923, Family Spionidae
- *Spiophanes wigleyi* Pettibone 1962, Family Spionidae – 45m in Santa Monica Bay. Leslie found 2 specimens in one sample that had distinctly different stain patterns.
- *Streblosoma* sp B SCAMIT 1985 §, Family Terebellidae

#### APRIL 2020 – MEETING CANCELED DUE TO COVID 19

#### LITERATURE CITED

- Banse, K. (1970). The Small Species of Euchone Malmgren (Sabellidae, Polychaeta). Proceedings of the Biological Society of Washington 83(35): 387-408.



Please visit the SCAMIT Website at: [www.scamit.org](http://www.scamit.org)

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