



**Southern California Association of
Marine Invertebrate Taxonomists**

3720 Stephen White Drive
San Pedro, California 90731

November 1987

Vol. 6, No. 8

NEXT MEETING:	December 14, 1987
SPECIMEN EXCHANGE GROUP:	Cumacea provisional species.
TAXONOMIC TOPIC:	Provisional polychaete species: <u>Eteone</u> and other Phyllodocids. Chair: Leslie Harris

MINUTES FROM MEETING ON NOVEMBER 9, 1987:

We had a crowded meeting this month owing to the interest and confusion over the identities and taxonomy of Eulalia and Eumida from southern California. The crowd seemed larger than usual as we all had to squeeze into the Allan Hancock Foundation Worm Laboratory. Fortunately, with the use of the video camera equipment, everyone had an opportunity to review the specimens examined. Several recent publications on Phyllodocidae were discussed and the citations and annotations are included in this issue.

We were fortunate in having Dr. James Blake from Battelle Laboratories present at this meeting. He informed us about some of the recent benthic surveys Battelle has been doing along the east coast of North America. Several thousand samples processed with a 0.3 mm screen have been taken from surveys in both shallow and deep waters and will certainly yield numerous undescribed species.

Dr. Blake also noted that in northeastern portions of the United States, the polychaetes Mediomastus ambiseta and M. californiensis occur in populations that are geographically

FUNDS FOR THIS PUBLICATION PROVIDED IN PART BY ARCO FOUNDATION,
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isolated from each other. Here in southern California, these worms can be found together within the same sample.

The December 14 SCAMIT meeting will again be held at the Allan Hancock Foundation on the USC campus. Please call Leslie Harris at (213) 743-2085 to let her know if you will be attending and so that she can make arrangements for parking. We will continue with the Phyllodocids, concentrating mainly upon species of Eteone.

Recent Phyllodocidae publications:

- Pleijel, F. 1987. Three new phyllodocid species (Polychaeta) from the Trondheimsfjord in Norway, including some notes concerning the validity of the genus Steggoa. *Zoologica Scripta*, 16: 25-31.
Steggoa is traditionally separated from Eulalia by the presence of flattened ventral tentacular cirri on segment 2. Examination of several hundred specimens of Eulalia viridis, the genotype of Eulalia, showed that this character varies from digitiform to flattened and thus is subject to intra-specific variation. Steggoa is considered a junior synonym since the two genera cannot be distinguished on the basis of this character. Pterocirrus is considered valid and retained.
- Pleijel, F. 1987. Two new European species of Eulalia (Polychaeta: Phyllodocidae). *Journal of Marine Biological Association of the United Kingdom*, 67: 399-405.
- Eiby-Jacobsen, D. 1987. Eumida ockelmanni sp. n. (Polychaeta: Phyllodocidae) from the northern part of the Oresund. *Ophelia*, 27(1): 43-52.
Juveniles of this new species have papillae on the proboscis in some individuals; adults do not. The ontogeny of this character is discussed in relation to the probable phylogeny of the genus. The validity of the genera Pirakia, Sige, and Pterocirrus is questioned, and Pirakia is regarded as superfluous.
- O'Connor, D.S. 1987. Redescription of Anaitides rosea (McIntosh, 1877) (Polychaeta: Phyllodocidae), with notes on nomenclature, ecology and distribution and a key to the genera of Phyllodocinae from the NE Atlantic. *Irish Naturalist's Journal*, 22(7):310-314.
The genus Anaitides is emended as follows: "Proboscis with a ring of terminal papillae: hardened teeth and glandular areas may be present; six lateral rows of papillae proximally." The teeth are transparent, triangular, and backward-pointing;

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they occur subdistally. The species fits the genus Anaitides in all other characters, and the uniqueness of the teeth was not considered sufficient grounds for the erection of a new taxon.

Parker, M. 1987. Anaitides longipes Kinberg, 1866 (Polychaeta: Phyllodoceidae): notes on nomenclature, identification, habitat, and distribution. Irish Naturalist's Journal, 22(5): 193-194. (This species is probably the correct identification for what McCammon and Montagne (1979) referred to Phyllodoce papillosa Uschakov and Wu, 1959. Specimens from southern and northern California were examined by SCAMIT and confirmed as A. longipes.)

Specimens examined on November 9, 1987

- LACO 80 Eumida sp. A SCAMIT, 1987
(=Eumida sp. 2 of Hamilton and E. "sanguinea" ex acutore)
- LACO 81 Eumida cf. bifoliata (Moore, 1909)
(=Eumida sp. 1 of Hamilton)

