

Rec 1/5/83



SOUTHERN CALIFORNIA ASSOCIATION
OF
MARINE INVERTEBRATE ZOOLOGISTS

December 1982

Vol. 1 No. 9

Next Scheduled Meeting:	January 17, 1982
Place:	Marine Biological Consultants 947 Newhall Street Costa Mesa, CA 92627
Guest Speaker:	Steve Long: "Another Coding System"
Specimen Exchange Group:	Eunicidae and Lumbrineridae
Topic Taxonomic Group:	Glyceridae, Goniadidae, Onuphidae

MINUTES FROM DECEMBER 13, 1982

Curator's Report: Dave Montagne reported that progress is being made toward collecting supplies for the voucher museum. Also they are developing labeling requirements for the voucher collection.

Another project that is being considered is a volume of local amphipod literature in a fashion similar to Hartman's treatment of the polychaetes. Hopefully the amphipods will be first in a series of SCAMIT publications. All ideas are welcomed concerning format and content. An example of one format under consideration is included in this newsletter. Please comment.

Literature Committee: A new polychaete article has been published by the Smithsonian Press. The article is:

Fauchald. 1982. Revision of Onuphis, Nothria, and Paradiopatra (Polychaeta:Onuphidae) based on type material.
Smithsonian Contribution to Zoology No. 356.

Copies can be obtained through Mr. Tart of the Smithsonian Press at (202) 357-1993.

Literature on Solemya reidi was available as well as an example. Now those people involved in sewage monitoring that frequently encounter this familiar critter will give it the proper name.

Data Handling of Species at Los Angeles County Sanitation Districts,
by April Ford:

The LACSD's data management system is primarily designed to encode frequency data from the benthic sampling, trawl, and rocky subtidal programs. Species are designated by a 5 digit code which reflects its taxonomic position and abundance is designated by a 5 digit code for a total of 9 species is allotted for a single entity. All these data are hand coded onto appropriate coding sheets which are sent to keypunch for entry onto floppy discs. This discs are entered into a time sharing system. The user can store, edit, compile, run and test jobs (data and programs); results are printed either at the terminal and/or a high speed printer which gives hard copy. An interface program exists so that LACSD data, in ECOSTAT card image format, can be input into other software packages such as BMPP and SAS.

Data is stored both in the online system and on permanent tapes. Backup storage includes the floppy discs, coding sheets and original data sheets.

Twelve-Month SCAMIT Calendar: The agenda committee revised the tentative calendar established last April. Polychaetes have been de-emphasized in favor of other phyla that need attention. The following is the new tentative calendar:

December exchange/January topic:	Glyceridae, Eoniadidae, Onuphidae
January exchange/February topic:	Eunicidae, Lumbrineridae
February exchange/March topic:	Cephalaspidea
March exchange/April topic:	Turridae
April exchange/May topic:	Cnidaria and Holothuria
May exchange/June topic:	Arabellidae, Lysaretidae, Iphitimidae, and Dorvilleidae
June exchange/July topic:	Eusiroidea (Eusiridae, Pleustidae, Paramphithoidae, Bateidae, Stilipedidae, Iphimedidae, Stegocephalidae)
July exchange/August topic:	Cumacea and Ostracoda



August exchange/September topic: Orbinidae and Paraonidae
September exchange/October topic: "Polydora-Boccardia" complex
October exchange/November topic: Tellinidae
November exchange/December topic: Thyasiridae, Ungulinidae, Leptonidae,
Montacutidae and Kelliidae
December exchange/January 83 topic: Ophiuroidea
January 83 exchange/February 83 topic: Spionidae (except "Polydora")

List of Species from November Exchange:

Platynereis bicaniculata
Nephtys cornuta fransicana
Gymnionereis crosslandi
Aglaophamus dicirris
Exogone gemmifera
Ehlersia heterochaeta
Haplosyllis spongicola
Nephtys caecoides



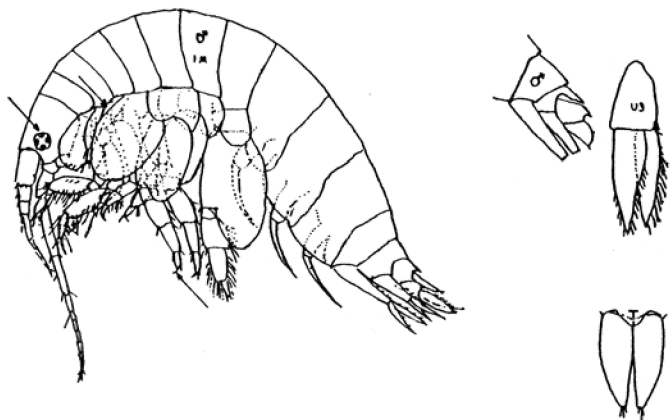
Argissa hamatipes (Norman, 1869)

ARGISSIDAE

Norman, A.M. 1869. Shetland final dredging report, Part II: on the Crustacea, Tunicata, Polyzoa, Echinodermata, Actinozoa, Hydrozoa, and Porifera. Report of the 38th Meeting of the British Association for the Advancement of Science, pp. 247-336 (a, Syrrhoe).

Synonymy - Has not appeared under any other name locally.

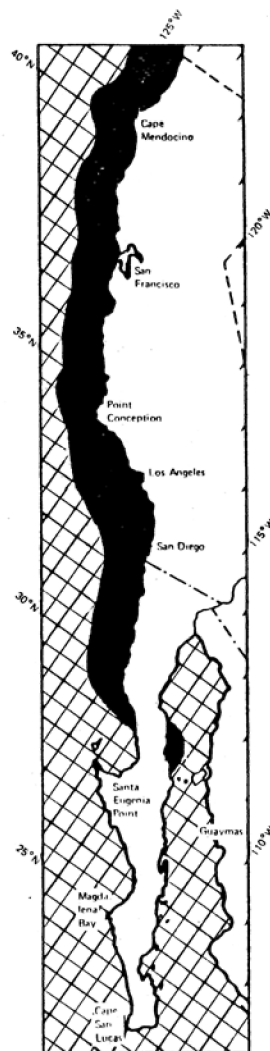
Primary Diagnostic Characters - eye round, diffuse, enclosing four large ommatidal pairs placed on eye margin at 3, 6, 9, and 12 o'clock: true of both sexes.



figures from Bousfield, 1973, plt. XX(2)
t = telson
U3 = third uropod

Argissa hamatipes

ARGISSIDAE



1. Pertinent literature descriptions or records - Barnard, 1962c: p.151, 1969a: p.158, fig.65; Bousfield, 1973: p.121-122, plt.XX(2); Stebbing, 1906: p.276-277, fig.70.
2. Sexual dimorphism - pronounced posteriorly pointed tooth present on 2nd and 3rd urosomal segments; these are absent in , although posterior margin of 2nd urosome may be somewhat pointed.
3. Additional comments - animals almost invariably preserved in position shown in figure, although very occasionally one will have dorsum flexed in the other direction. The animal is translucent to opaque white, both in alcohol and formalin. Eye color is initially bright red to orange, fading rapidly (2-5 days depending on preservative strength) to vitreous transparency. Enlarged ommatidal pairs are difficult to detect unless light is directed obliquely across them. Slowly manipulate specimens, rotating them with respect to light source until refraction causes lenticular ommatida to "glow".
4. Reported range on west coast of North America - boreal to subtropical, at least from Oregon (Barnard, 1971) to the Gulf of California, 0 - 1096 m (Barnard, 1979).
5. Ecology - Barnard (1962c) reports the highest density along 20 m depth contour. The species is not characteristic of harbor and bay faunas, being more common offshore.