



City and County of San Francisco Voucher Sheet

Voucher #: P400

Taxa: Polychaeta: Goniadidae

Original Prep. Date: 01 Dec 2006

Prepared By: D. Norris

Species Code: Gly_picta

Species: *Glycinde picta*

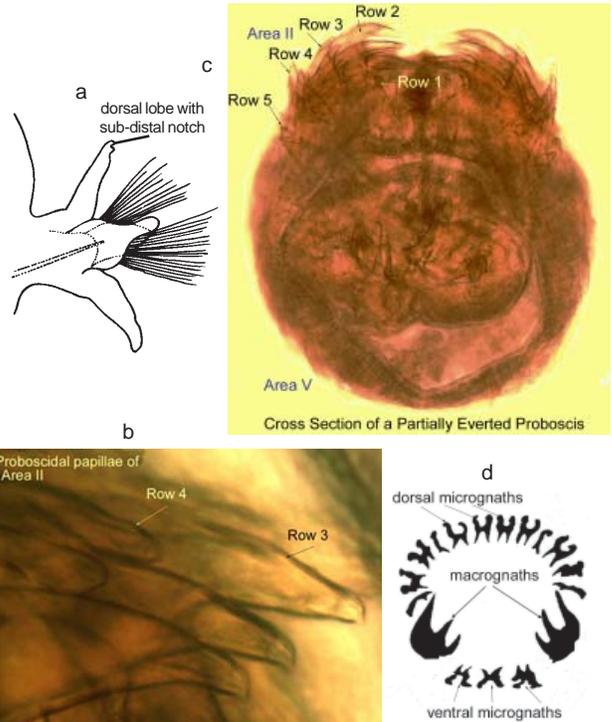
Authority: Berkeley 1927

Common Synonyms: *Glycinde polygnatha*
Hartman 1950

Characters:

- Prostomium with 8 - 9 annulations
- Uniramous anterior parapodia with long dorsal and ventral cirri. The dorsal lobe has a sub-distal notch (a).
- Third and fourth row of large papillae in area II of the proboscis have thick bases and are not bifid (b).
- Medial parapodia (those close to the mid-line of the body) are clearly biramous. The notopodia are much smaller than the neuropodia, which have a rounded presetal lobe with a medial extension and a shorter, broadly triangular postsetal lobe.
- Proboscis without any large papillae on the ventral side (area V) (c).
- About 16 terminal papillae (micrognaths and macrognaths) on proboscis, a pair of large ventral macrognaths, with a short, ventral arc of 0-8 micrognaths (d).

Illustrations:



a from Hartman (1968)
b and c photographs by Dot Norris
d modified from illustration of *Goniada littorea* in Hilbig (1997).

Additional Information:

DISTRIBUTION:

HABITAT: intertidal depths to 157 m (Böggemann 2005)

Related Species:

Glycinde sp. SF1 - has strongly bifid proboscidal organs with narrow bases in area II and has no ventral micrognaths.

Comments:

G. picta juveniles smaller than 8 mm with underdeveloped micrognaths are indistinguishable from *Glycinde* sp. SF1 and should be identified as *Glycinde* spp.

Larger (< 8 mm) *Glycinde* specimens without micrognaths must be examined for the differences in proboscidal papillae. Dissection and examination of the proboscis under the compound microscope is necessary when the proboscis is not everted.

Glycinde picta (continued)

References:

- Böggemann, M. 2005. Revision of the Goniadidae (Annelida, Polychaeta). Naturwissenschaftlicher Verein in Hamburg. Hubert & Co., Göttingen, Germany. 354 pp.
- Hartman, O. 1968. Atlas of the Errantiate Polychaetous Annelids From California. Allan Hancock Foundation, University of Southern California, Los Angeles, CA. 828 pp.
- Hilbig B. 1997. Family Goniadidae Kinberg, 1866. in: Blake J. A., Hilbig B., Scott P. H., ed. *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel*. 2nd ed. Volume 4. Santa Barbara, CA: Santa Barbara Museum of Natural History. pp. 369.

Voucher Specimens

Vial Number	Sample Number	Station	Sample Date	Number of Specimens	Comments
1	BSSWA161	28	22 Oct 1990	1	1.0 mm sieve, very good condition
2	BSSWC189	28	16 Oct 1992	2	1.0 mm sieve, very good condition
3	RMPA001	BD40	11 Feb 1994	1	1.0 mm sieve, very good condition

Revision History:

8 July 99 S. McCormick and S. Glendening Name change from *G. polygnatha* to *G. picta*