**Pterocirrus sp.** A SCAMIT 1995
Phyllodocidae

SYNONYMY:  
Eumida sp. 3 of Hamilton 1976

LITERATURE:  
Hamilton's SCCWRP Taxonomic Standardization Handouts (Eumida sp. 1-5)  
SCAMIT Newsletter, Vol. 6, No. 8, 1987  
Pleijel 1990  
Pleijel 1991  
Eibye-Jacobsen 1991  
Pleijel 1993  
SCAMIT Taxonomic List 1994  
Blake and Hilbig 1994

**DIAGNOSTIC CHARACTERS:**

1. Length \(\approx 6\text{mm}\) entire. Width = 0.75mm sans parapodia. Body discretely speckled with pigment, but overall appearance is pale and unpigmented.


3. Dissected pharynx with densely distributed finger-like papillae with rounded tips.

4. Tentacular cirri to \(\sim\) segment 5 dorsally. Dorsal ones cirriform, second ventral cirri broad, flattened, noticeably more massive and expanded than dorsal. These broad cirri with fine upturned tip.

5. Dorsal cirri broken off from this specimen. Ventral cirri small, tear drop shaped \(\sim 0.5 \times\) length of parapodia.

6. Setal rostrum without small fine teeth, but with strong dorsal tooth at tip of shaft. Flagellum of setae with coarse of heavy tooth pattern.

7. Parapodia extended far beyond (0.3mm) body wall. Broad base of parapodia tapers quickly to dorsally upturned terminal lobe. Under dissecting scope tip appears as continual taper from parapodia. Under compound scope, end of parapodia appears as short digitate lobe.

8. Discrete pigment spots on pale dorsum. Segmental lateral spots on both dorsum and ventrum.

**RELATED SPECIES AND CHARACTER DIFFERENCES:**

Despite small parapodial digitate lobe apparent under high power, emphasis here is placed on pharynx morphology, foliose ventral tentacular cirri, and anterior medial antennae. This places the specimen in *Pterocirrus*. *P. imajimi* and *P. parvuseta* are both described with short or clavate lobes on the pharynx. *P. californiensis* was originally a *Siege* without any illustrations but with far forward
median antennae and expanded 2nd ventral tentacular cirri. Hartman synonymized it to *S. bifoliata*, Pleijel suggests it belongs in *Pterocirrus* based on Hartman's illustrations. It is unclear what illustrated characters Pleijel was using, but the antennae and tentacular cirri descriptions of Chamberlin's place it in *Pterocirrus*. The *P. californiensis* species level concept is too incomplete to assign a specimen to it.

**DISTRIBUTION:** Pt. Loma in sand at 50 M. Palos Verdes in sandy silt at 60 M.
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Phyllodocidae

Prostomium
LACSD-VD-1C1

ventral tentacular cirri
LACSD-VD-1C1

Pharynx or proboscis organs
LACSD-VD-1C1

setal rostrum
LACSD-VD-1C1

parapodia, seg #23
dissecting scope view
w/o cirri
LACSD-VD-1C1

parapodia, seg # 23
compound scope view
w/o cirri
LACSD-VD-1C1