Harmothoe sp. A SCAMIT

Polynoidae

SCAMIT Code: PL 80

Date Examined: Sept. 10, 1990 Voucher by: Ross Duggan City of San Diego

Synonymy: Arcteobia sp. of City of San Diego Harmothoe sp. A of Harris

Literature: Fauchald 1977 Diagnostic characters:

- 1. 15 pairs of elytra.
- 2. Lateral antennae inserted ventrally (ceratophores not fused to the distal tips of the prostomial lobes) (fig. 1).
- 3. Notosetal shafts thicker than neurosetal shafts (ignore the first few setae in the superior position within the neurosetal fasicle) (fig. 2).
- 4. Notosetae entire.
- 5. Superior neurosetae thicker (3:1) and darker than the medial and inferior neurosetae (fig. 2).*
- 6. Superior neurosetae faintly bifid, the rest of the neurosetae either bifid or entire (fig. 3).

* Juveniles will only have thicker superior neurosetae, not darker neurosetae.

Related species and character differences:

Harmothoe spp. All neurosetae of equal thickness in all other Harmothoe species.

***Harmothoe* sp. A would key out to *Arcteobia* sp. Annekova, 1939 in Fauchald, (1977), and *Antinoella macrolepida* (Moore, 1905) in Hartman's Atlas (1968).

Depth range: 60 meters

Distribution: San Diego to Santa Monica Bay

Figure 1 Figure 2 Figure 3	
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