

SCAMIT Code: PL 80

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

Voucher by: Ross Duggan
City of San Diego

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 fascicle) (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

