

Pista disjuncta Moore, 1923
Terebellidae

changed to P. fasciata 3-94
Vol 4, No. 11

SCAMIT Code: OC 60

Date Examined: November 12, 1985
Voucher by: Susan Williams (AHF)

LITERATURE: Hartman, 1969
Moore, 1923

See 1985 BLM for record of Pista in all specimens

DIAGNOSTIC CHARACTERS:

1. 17 thoracic setigers; body robust; dorsum of first 5 segments deep brown.
2. Branchiae 2 pairs, widely separated medially; very bushy and large. Stalk short, thick, divides abruptly into several branches, then subdivides immediately. Branches long, low, spreading, densely crowded.
3. Anterior thoracic uncini with long handles; in posterior thoracic segments the handles are reduced and "replaced by a delicate ligament" (Moore, 1923, p. 195).
4. Lateral lappets of moderate size on segments 3 and 4, distally rounded. Segment 2 has small lappets at the neuropodial level (Fig. 1).
5. Methyl green staining of special note: Uncinal tori encircled by green, ventral scutes basically solid (Fig. 2); dorsum of thorax strongly stained (Fig. 1).

RELATED SPECIES AND DIFFERENCES:

Pista nr. disjuncta: lappets more pointed; minute eye-spots on outer margin of tentacular lobe; pale, less robust; shallow water form.

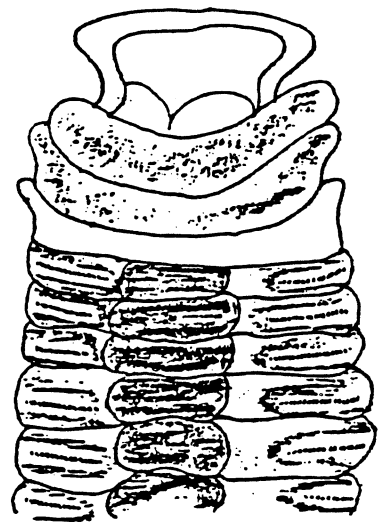
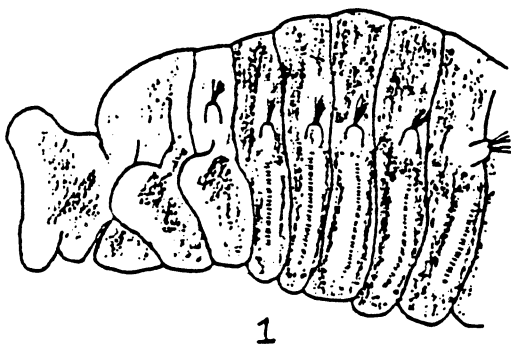
Pista elongata, P. pacifica, P. moorei: 3 pairs branchiae

Pista sp B: one pair branchiae

Pista alata: transverse dorsal shelf at setiger 1

REMARKS: This species was previously known as Pista nr. fasciata (BLM Project)

DISTRIBUTION: California; in deeper shelf and slope depths.



1
2
(Branchiae not shown)

Pista nr. disjuncta Moore, 1923
Terebellidae

Pista Euscuta 3-94

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DIAGNOSTIC CHARACTERISTICS:

1. 17 thoracic setigers; body usually pale, not so robust/muscular as P. disjuncta.
2. Branchiae 2 pairs; club-gill form, with distal compact tuft of branched filaments.
3. Minute eyespots on outer margin of tentacular lobe: most evident on young or small specimens.
4. Anterior thoracic uncini with long handles; handles reduced in posterior uncini.
5. Lateral lappets on segments 3 and 4 of moderate size, distally pointed; those of segment 2 smaller, rounded at neuropodial level (Fig. 1).
6. Methyl green staining essentially the same as P. disjuncta.

RELATED SPECIES AND DIFFERENCES:

See other voucher sheets and below.

REMARKS: Pista disjuncta and P. nr. disjuncta are obviously closely related and may represent shallow and deep water sympatric species (i.e. isolated by reproductive/ecological factors). They differ in relatively minor ways (lappet structure, eyespots, body form) and, unlike other California Pista species, share essentially the same methyl green staining pattern, but still may be distinguished from each other. Since the two forms are recognizable, I feel they should remain separate.

DISTRIBUTION: California; shallower shelf depths.

See notes on related species of shell etc.

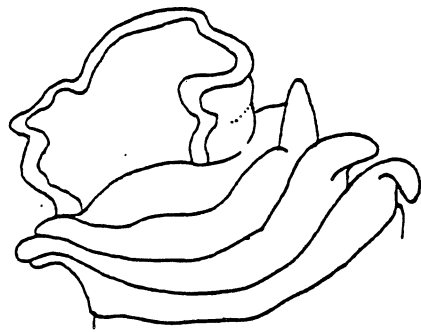


Fig. 1 Ventro-lateral view