

SCAMIT Code: PL 62
HYP 49

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

LITERATURE: Banse, 1980
Hartman, 1969
Safronova, 1984

DIAGNOSTIC CHARACTERS:

1. Body very linear, less robust than other Pista species.
2. 17 thoracic setigers; all thoracic uncini with long handles.
3. One pair of branchiae; club-shaped, with terminal tuft of simply branched filaments (Fig. 1).
4. Lateral lappets large on segment 2, smaller on segment 3 (Figs. 2, 3).
5. Ventral scutes with dramatic methyl green staining pattern in posterior thorax: half green and half light, sharply demarcated (Fig. 4).

RELATED SPECIES AND DIFFERENCES:

Pista sp B is unique among Pacific species in having only one pair of gills.

REMARKS: This species has probably been confused with Pista cristata in the past, due to similar branchial structure and a broad definition of P. cristata to include 1 or 2 pairs of gills. See Banse, 1980 for a redefinition.

DISTRIBUTION: California; very common in shelf depths.

(Branchiae not shown)

