

SCAMIT CODE: None

Date Examined: 5 March 2012
Voucher By: Don Cadien

SYNONYMY: *Lafystius sturionis* of Jensen et al 1982 not Krøyer 1842

LITERATURE: Bousfield, E. L. 1987. Amphipod Parasites of Fishes of Canada. Canadian Bulletin of Fisheries and Aquatic Sciences 217: 1-37
 Jensen, L. A., R. A. Hickmann, M. Moser, & Murray D. Dailey. 1982. Parasites of Bocaccio, *Sebastes paucipinnis*, from southern and central California. Proceedings of the Helminthological Society of Washington 49:314-217

DIAGNOSTIC CHARACTERS:

1. Head wider than long, rostrum about ¼ head width, truncate
2. Eyes with 28-35 ommatidea; not partially covered by coxa 1
2. Lacinia mobilis of right mandible with 2 spine-like denticles on primary tooth
4. Dactyl of Gn1 excavated distally, with two short stout, and one long slender seta overarchng the central cavity; inner dactylar face bearing field of short setules distally
5. Coxa 4 very large, broadly acuminate below
6. Lobe of merus of pereopod 4 does not reach end of carpus, stopping mid-length
7. Pereopod 7 with coxal gill
8. Urosome relatively short, not elongate as in *Lafystius* and *Paralafystius*
9. Uropod 1 rami shorter than peduncle
10. Telson covered with fuzz of short setules

RELATED SPECIES AND CHARACTER DIFFERENCES:

1. Only one other species is known in the genus, the type *P. madillae* (Fig. 1) from British Columbia. Characters 5, 7, and 8 above place this species in the genus *Protolafystius*
2. *Protolafystius sp A* differs from *P. madillae* in character 1 (with head longer than wide and rostrum broad and distally rounded); in character 2 (eye partly covered by coxa 1, with ca. 50 facets); in character 3 (with primary tooth a simple spike lacking denticles on right lacinia mobilis); in character 4 (*P. m.* lacks overarchng setae); in character 6 (merus lobe covers nearly the entire anterior margin of carpus); in character 9 (rami longer than peduncle); and in character 10 (setules lacking).

