Exogone sp. B  SCAMIT
Syllidae, Exogoninae

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SYNONYM:
1. Exogone sp. D. Harris
2. Exogone gemmifera auctore (not Pagenstecher, 1862),
central and southern California reports.
3. Exogone cf. gemmifera Harris, 1982; SCAMIT 1983
   (OCSD 11, PL 11)

LITERATURE:
1. Harris, 1982, SCAMIT Newsletter Vol 1, No. 8

DIAGNOSTIC CHARACTERS:

1. Small species, linear, 2-3mm length, dorsum gently arched.
2. Proventricle in 2 1/2 segments, 14-16 columns.
3. Dorsal cirri lacking on setiger 2. (also Leslie's Exogone cf. gemmifera
   (Sam-Martin 1981))
4. Three types of composite setae: (a) in first three
   setigers only, up to 7-10 "awl-setae," which appear
   thin and sharply tapering when seen from above, but
   if viewed laterally are deeply bifurcated with extremely
   thin second time (all blades subequal in size). (b)
   in all setigers except 1st-3rd, one (rarely two) spiniger
   next to superior simple seta, spiniger increases in size
   towards middle of body then decreases (spiniger length;
   setiger 4 - 16.5μm, setiger 15 - 23μm, setiger 29 -
   12μm). (c) in all setigers except 1st-3rd, three (four
   in anterior) short-bladed falcigers, bidentate, with
   much larger subdistal tooth and minute distal tooth.
5. Simple superior seta from setiger 1, with abruptly acute
   tip and subdistal spines surrounding the tip. Simple
   inferior seta begins in median setiger (setiger 19 in
   31 setiger worm), bidentate, with lateral serrations
   on its cutting edge.
6. Palps broad, short and gently rounded. Four large eyes.
7. Two long, thin anal cirri, as long as last three setigers.

LOCAL SPECIES AND CHARACTER DIFFERENCES:
See Exogone sp. A voucher.
The setal types and their distribution appears to be unique for this species, at least for this area. The bifurcate state of the "awl-setae" is difficult to distinguish, even under oil immersion and with the right viewing angle. *Exogone gemmifera* Pagenstecher 1862 probably does not occur locally. *E* sp. B is presently being described as part of a revision of southern California Syllidae.