Species: *Leitoscoloplos* sp LA3  
Haggin 2017 §

**Description:**

4. Subpodial lobes absent. Stomach papillae absent. Intrasegmental ciliary band (ICB) present as a cluster from setiger 3 and as a band from setigers 7 - 8 (Image 2).  
5. Thoracic notopodia long, triangular arising from a small mound in superior position (Image 3) with crenulate capillaries.  
6. Thoracic neuropodia mammiform, with a moderate (extends ~1/2 the length of setal fasicle), digitate - triangular postsetal process (PsP). Thoracic neurosetae crenulate capillaries only (without thoracic neuropodial acicular spines) (Images 3 & 4).  
7. Abdominal notopodial postsetal lobes foliose - lanceolate (Image 5). Abdominal notosetae crenulate capillaries with furcate setae present from around the 20th abdominal setiger, tines unequal. Flail setae not seen.  
8. Abdominal neuropodia bilobed, triangular with pointed lobes (Images 5 & 6). Abdominal neurosetae with crenulate capillaries and 2 fine, barely emergent acicula.  
9. Abdominal subpodial flange well-developed with a well-developed notch.  
10. Pygidium unknown.  
11. Pigmentation sometimes present on tips of branchiae in abdomen and on abdominal subpodial flange.  

**Similar Species:**

*Leitoscoloplos pugettensis* (Pettibone 1957). These species have overlapping ranges of branchial insertion, # of thoracic setigers and pigmentation on the branchiae and abdominal subpodial flange. *L. pugettensis* has an ICB as a band from setiger 3 and *L. sp LA3* has an ICB as a cluster from setiger 3. *L. pugettensis* has abdominal furcate setae from around the 10th abdominal setiger and *L. sp LA3* has them from around the 20th abdominal setiger. *L. pugettensis* is a shelf species (<200 m). *L. sp LA3* is a deep shelf/shallow slope species (>150 m).

*Leitoscoloplos mexicanus* (Fauchald 1972). These species have an overlapping # of thoracic setigers. *L. mexicanus* has branchiae without lateral cilia from setiger 11, *L. sp LA3* has branchiae with lateral cilia from setiger 10. *L. mexicanus* has a thoracic neuropodia with a long, slender triangular PsP vs. a long, digitate PsP in *L. sp LA3*. *L. mexicanus* also lacks an ICB. *L. mexicanus* has an abdominal notopodial postsetal lobe that is lanceolate. *L. mexicanus* is a deep slope species (>1000 m). *L. sp LA3* is a deep shelf/shallow slope species (150 - 839 m).

**Material Examined:**

STN: 0796-0A; 0799-0A; 0705-3A; 0707-(0A, 1A, 2A, 2B, 5A, 6A, 8A, 10A); 0708-(0A, 0B, 2A, 3A, 5A, 6A, 7A, 10A); 0714-(7A, 8A, 10A); 0715-(0A, 10A); B13-9001 (280 m); B13-9002 (320 m); B13-9021 (346 m); B13-9022 (277 m); B13-9026 (372 m); B13-9028 (272 m); B13-9055 (275 m); B13-9069 (839 m); B13-9099 (634 m); B13-9106 (484 m); B13-9107 (405 m); 22969-BF1; 24253-BF1; 24255-BF1; 24255-BF1  
**All "A" stations 305 m. All "B" stations 152 m.**
Similar Species continued:

**Leitoscoloplos panamensis** (Monro 1933). Both species have an overlapping # of thoracic setigers. *L. panamensis* has branchiae from setiger 9 that are slender and triangular in the abdomen. *L. panamensis* has a 2nd PsP and subpodial lobes in the posterior thorax and anterior abdomen (setigers 13 - 25) and an interramal cirri in the abdomen that *L. sp* LA3 lacks. *L. panamensis* lacks abdominal notopodial furcate setae. *L. panamensis* is a shelf species (<200 m). *L. sp* LA3 is a deep shelf/shallow slope species (>150 m).

**Leitoscoloplos sp A** (Williams 1976 §). These species have overlapping ranges of branchial insertion and # thoracic setigers. *L. sp A* differs in having branchiae without lateral cilia, abdominal neuropodia lobes that are rounded and lacks an ICB. *L. sp* LA3 (>150 m) and *L. sp A* (>200 meters) are both shallow slope species.

**Leitoscoloplos sp LA1 Haggin 2017 §**. This species has branchiae from setiger 11 and 16 thoracic setigers vs. 10 & 14 respectively in *L. sp* LA3. *L. sp LA1* differs in having branchiae without pigmentation and a 2nd PsP in posterior thoracic neuropodia (setigers 14 - 16). *L. sp LA1* lacks an ICB. *L. sp* LA1 (>200 meters) and *L. sp* LA3 (>150 m) are both shallow slope species.

**Leitoscoloplos sp LA2 Haggin 2017 §**. These species have overlapping ranges of branchial insertion, # of thoracic setigers and having pigmentation in the branchiae. *L. sp LA2* differs in having a 2nd PsP and having an ICB as a band from setiger 3. *L. sp* LA3 is a deep shelf/shallow slope species (>150 meters). *L. sp LA2* is a bay/estuary species known only from San Diego Bay.

| Distribution: | Southern California, USA |
| Depth range: | 152 - 839 m |
| Type locality: | Palos Verdes, California, USA |

Images: Images 1 & 4 from a specimen collected from station 24255-BF1. Images 2 & 6 from a specimen collected from station B13-9106. Images 3 & 5 from a specimen collected from station 0704-6A.

Image 1. Abdominal branchiae with lateral cilia.
Images continued:

Image 2. ICB clusters in anterior thorax.

Image 3. Notopodia and neuropodia of the posterior thorax.
Image 4. Thoracic neuropodial setal bundles and postsetal process (PsP).

Image 5. Abdominal setigers showing notopodia, neuropodia and branchiae with lateral cilia.