## Voucher Sheet

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| 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 2 nd 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 ( $<200 \mathrm{~m}$ ) $L . \operatorname{sp}$ LA3 is a deep shelf/shallow slope species ( $>150 \mathrm{~m}$ ). <br> 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. <br> Leitoscoloplos sp LA1 Haggin $2017 \mathrm{\S}$. 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. <br> 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. |
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| Distribution: <br> Depth range: <br> Type locality: | $\begin{aligned} & \hline \text { Southern California, USA } \\ & 152-839 \mathrm{~m} \\ & \text { Palos Verdes, California, USA } \\ & \hline \end{aligned}$ |
| 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. |  |
| 200x |  |
| 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.


Image 6. Abdominal neuropodia
Literature reviewed:

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Hartman, O. 1969. Atlas of the Sedentariate Polychaetous Annelids from California . Los Angeles, Ca, Allan Hancock Foundation, University Of Southern California. 812 pp (19-20)

Mackie, A. S. Y. 1987. A review of species currently assigned to the genus Leitoscoloplos Day, 1977 (Polychaeta: Orbiniidae), with descriptions of species newly referred to Scoloplos Blainville, 1828. Sarsia 72: 1-28

Pettibone, M. H. 1957. North American genera of the family Orbiniidae (Annelida: Polychaeta), with descriptions of new species. Journal of the Washington Academy of Science 47(5): 159-167

