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Lysilla spp

Kelvin then showed us a specimen of *Lysilla* sp SD 1 Barwick 2006 collected from San Diego Point Loma outfall station E-5(2) in 99 meters of water. It has 6 pairs of thoracic notopodia with simple capillaries that do not project out from the individual podia. The tentacular lobe is expanded. The inflated lower lip has longitudinal groves. The thorax is papillated as well as annulated whereas the abdomen is only annulated. Only one incomplete specimen was found. In the eastern Pacific, *Lysilla loveni* Malmgren, 1866 has been reported from British Columbia and Washington (Banse, 1980). The type is from Sweden and has also been reported from Greenland, Iceland, the Bering and Chukchi Seas, and the Canadian Arctic (Holthe, 1986). It is similar to *L. sp SD1* in that it also has 6 pairs of thoracic notopodia. Holthe describes *L. loveni* having a gutter like lower lip and short oral tentacles. *L. sp SD1* has an expanded lower lip with longitudinal groves and the oral tentacles are longer. Ushakov (1955) illustrates the anterior thorax of *L. loveni* as inflated to over twice the diameter of the following posterior segments. The thorax of *L. sp SD1* is only slightly more inflated than the posterior segments.