

***Sphaerosyllis* sp SD3 fide Rowe 2004**

Original specimens from ABC SPAWARS sample SB10 13April2004 10.4 m (San Diego Bay)

Additional specimens from City of San Diego SBOO I-16 rep2 24Jan2007 29m. (off San Diego – Borderlands)

This species is near *Sphaerosyllis californiensis* but varies in proventricle/ pharynx lengths and the longer, narrower palps.

- 4 eyes, large with lenses, and in trapezoid arrangement
- Palps long, directed forward, with length approximately equal to length
- Flaps cover approximately half of posterior eyes or flap projects just to posterior margin of posterior eyes
- No dorsal cirri on setiger 2
- Proventriculus approximately one segment in length on the 5th setiger (with approximately 12 muscle rings)
- Cirri are flask-shaped throughout and elongate only slightly along body
- Dorsal papillae numerous
 - Approximately 5 papillae across dorsum in 5 rows on each segment
 - Rows somewhat irregular and shift alternately with the papillae in one row aligned with the space in the row behind
 - Papillae regularly spaced in those rows and digiform (papillae vary from a few with length=width to many elongated with length = 3-4 times width)
 - Longest papillae lateral on each segment (often single one at podial base)
 - Some specimens with fewer papillae on anterior setigers
- Ventral papillae less numerous
 - Regular row of approximately six papillae evenly spaced at the posterior margin of anteromedian through posterior segments
 - Additional row of approximately four smaller papillae across the middle of each segment
 - 4-6 papillae evenly spaced along each segment lateral margin
- Parapodial papillae obvious - A single papilla on each anterior face nearly dorsal and approximately midway between parapodial base and distal end. An additional papilla on each posterior face more distal and ventral than the anterior papilla.
- Superior simple seta in each fascicle beginning on the first setiger
- Compound setae with blades varying in length approximately 2-3 times on anterior setigers. Superior setal blades longest and serrate along margin on anterior and median setigers. Inferior and all posterior blades shorter and with smooth margins.
- Single embedded acicula strongly bent with pointed tip (like *S. californiensis*) accompanied by thinner, simple, straight, and blunt acicula