

Key to the Oweniidae of San Diego

by R. Rowe; revised by S. Douglass May, 2002

- 1.a. Anterior terminus a branched branchial crown with a membranous collar surrounding its base (Fig. 1). Methyl green staining pattern: Entire body covered with speckles, concentrated mostly in thoracic region (Fig. 6).....*Owenia collaris*

- 1.b. Anterior terminus a bilobed prostomium and a larger, bulbous peristome. Two large, long, grooved palps attached at the dorso-anterior edge of the peristome (Fig. 2). Methyl green staining pattern: Prostomium and peristomium stain uniformly, with no pattern; from setiger 1, segments with numerous distinct speckles distributed over entire surface (Fig. 7).....*Myriowenia californiensis*

- 1.c. Anterior terminus with a flange and oral opening, but without additional structures. Terminus rounded or truncate.....2

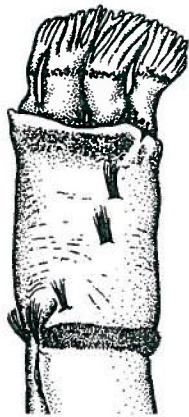


Fig. 1 *Owenia collaris*
Anterior end, lateral view
(from Blake, 2000)

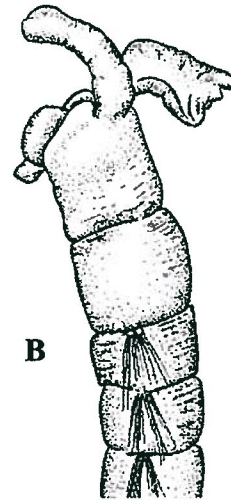
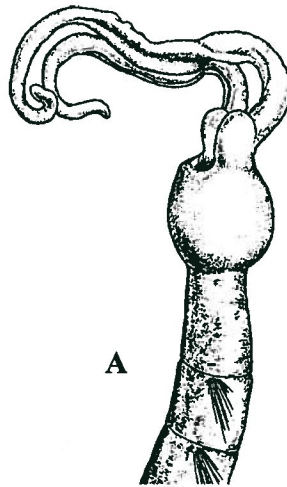


Fig. 2 *Myriowenia californiensis*: A. anterior end, lateral view.
B. anterior end, lateral view (from Blake, 2000)

- 2.a. Anterior margin truncate, squared to lateral margins when viewed ventrally. The first four notosetal fascicles in an evenly spaced series. The fifth and subsequent notosetal fascicles on more prolonged segments (Fig. 3A). Pygidium petaloid with seven to nine lobes (Fig. 3B and Fig. 8). Methyl green staining pattern: see Fig. 9.
.....*Galathowenia pygidialis* [= *Myriochele pygidialis*]

- 2.b. Anterior margin rounded.....3

