

SCAMIT Code: AHF 34

Date examined: 13 May 1985  
Voucher by: Leslie Harris

Synonymy:

Myriochele gracilis Hartman, 1955, in part (pl. 2, fig. 5)

Liturature:

Hartman, 1955; 1960; 1969

Diagnostic characters: (Figure 1)

1. Prostomium subspherical to globular with two short lobes anteriorly.
2. Two long, thick, longitudinally grooved palpi emerge from dorso-anterior edge of prostomium.
3. First segment asetigerous, longer than wide; next three segments with notosetae only; neuro-uncini begin on setiger 4.
4. Notosetae all capillaries; 100-200 uncini per neuropodium, each distally falcate, tip oblique to shaft, with small accessory tooth.
5. Over 100 segments, crowded and short in far posterior; specimens usually only short anterior fragments; anal end not definitely known.

Related species and differences:

1. Myriowenia gosnoldi Hartman, 1965.
  - Complete specimen with two anterior segments; ten setigers.
  - Collarlike fold on anterior of second segment.
  - Prostomium cylindrical, not inflated.
  - Pygidium with terminal anus and 2 long, filiform appendages inserted middorsally.

Distribution:

Atlantic Ocean, off New England and mouth of Amazon River.  
Southern California, in shelf, slope, basin and canyon depths; in mud or mixed sediments.

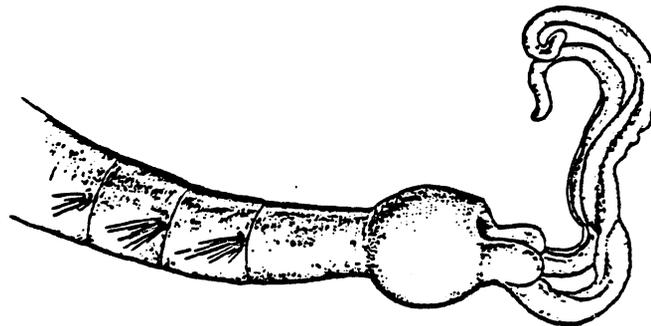


Figure 1. Myriowenia californiensis  
(from Hartman, 1955)