Synonymy:

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

Literature:
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:

   - 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)