Mesocalanus tenuicornis
(Dana, 1849)

**Synonyms**
*Calanus tenuicornis* Dana, 1849

**Size**
Female: 1.80-2.40 mm

**Genus notes**
- Cephalosome and pedigerous somite 1 separate
- A1 elongated
- Maxillae with 6 setae on inner lobe 1
- P1-P4 without modification or ornamentation
- Smooth inner margin of P5 coxa in both sexes
- Female P5 endopod with 7 setae
- Male P5 with both rami 3-segmented, endopods with 7 setae

**Female**
- A1 around twice length of prosome
- Width to length ratio of pedigerous somites is equal or greater than 0.3
- Posterior margin of cephalosome not elevated in lateral view
- Urosome somite 2 about 1.25 x longer than somite 3

**Distribution**
- Epi-, meso- and bathypelagic
- Cosmopolitan
- Pacific, Indian and Atlantic
- Tropical, subtropical and temperate; possibly into subantarctic

**Ecology**
- Fine particle feeders, probably omnivorous
- Eggs released into water column
- Up to 3 generations per year
- Has been observed in Alaskan waters, so broad temperature (and possibly salinity) tolerance

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**Phylum** Arthropoda
**Order** Calanoida
**Family** Calanidae


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preserved specimen
Mesocalanus tenuicornis
(Dana, 1849)

**Phylum** Arthropoda
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**Size**
Male: 1.70-2.20mm

**Male**
- A1 around twice as long as prosome
- P5 only slightly asymmetric
- Left P5 terminal spine of exopod segment 3 almost as long as it's segment when measured along the outer border

**Source**
Bradford-Grieve (1994)
Bradford-Grieve & Markhaseva (1999)
Conway (2003)
Cooney & Coyle (1985)
Corral Estrada (1970)
Razouls et al. (2012)
Shmeleva & Kovalev (1974)
Zheng et al. (1982)


Corral Estrada (1970); Zheng et al. (1982)