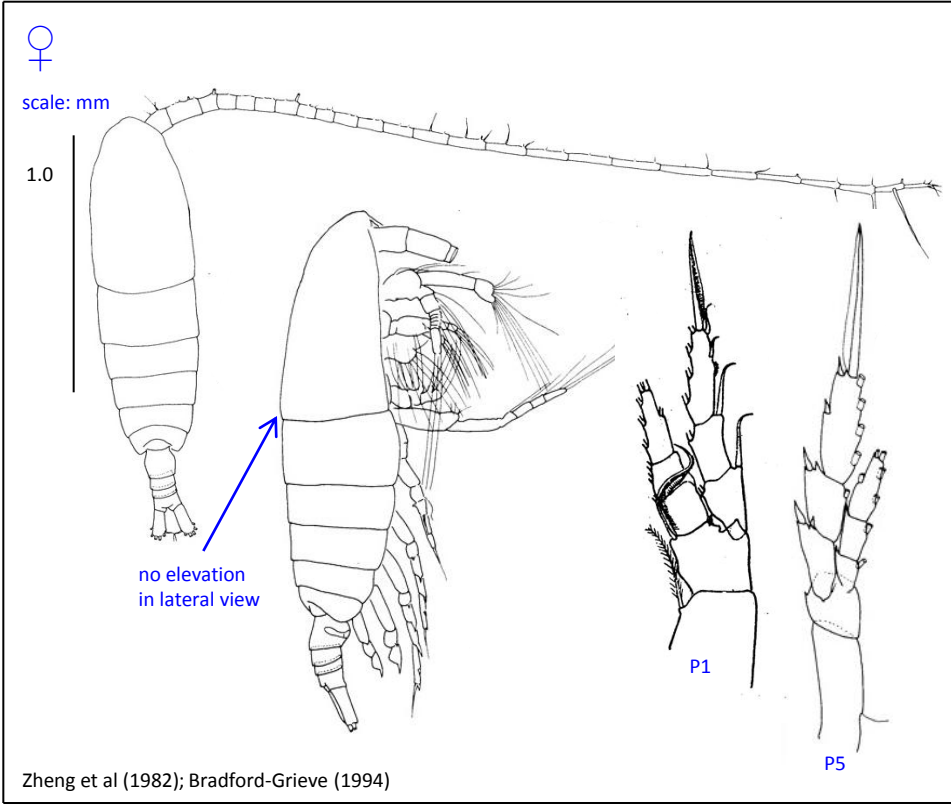


<b>Phylum</b>	Arthropoda
<b>Order</b>	Calanoida
<b>Family</b>	Calanidae

# Mesocalanus tenuicornis

(Dana, 1849)



Zheng et al (1982); Bradford-Grieve (1994)

### 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

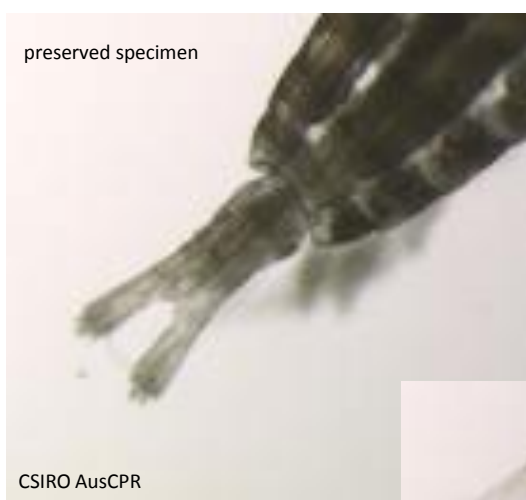
- A1 around twice length of prosome
- Width to length ratio of pedigerous somites is equal or greater than 0.3
- Posterior margin of cephalosome not elevated in lateral view
- Urosome somite 2 about 1.25 x longer than somite 3

### 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



preserved specimen

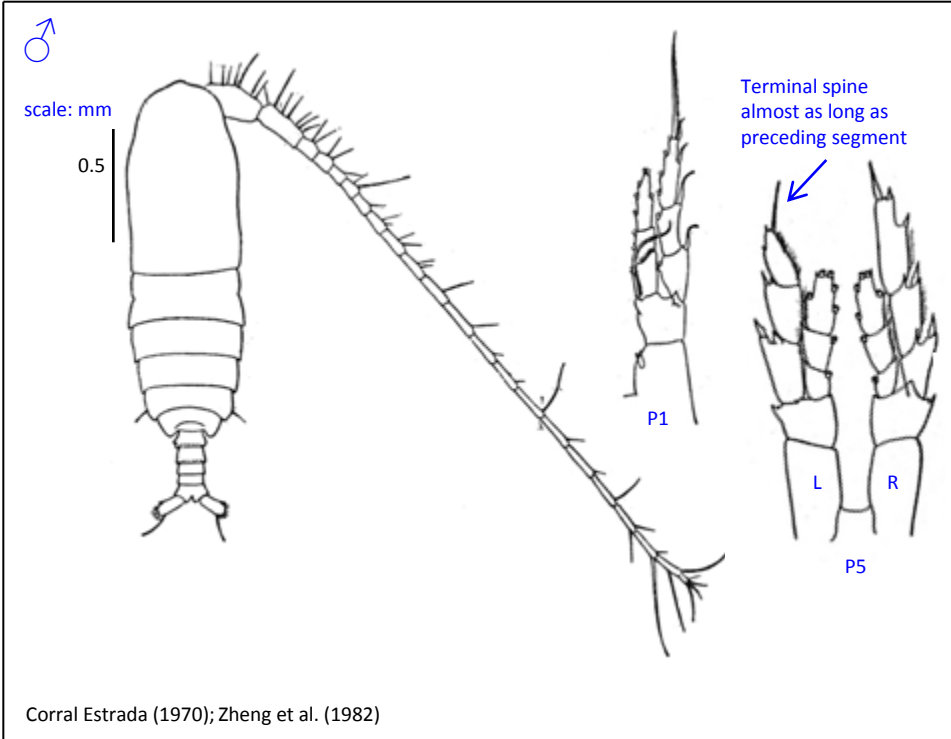
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<b>Phylum</b>	Arthropoda
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# Mesocalanus tenuicornis

(Dana, 1849)



**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**

Boxshall & Halsey (2004)  
 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)

Full reference available at <http://www.imas.utas.edu.au/zooplankton/references>

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