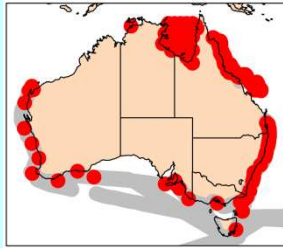
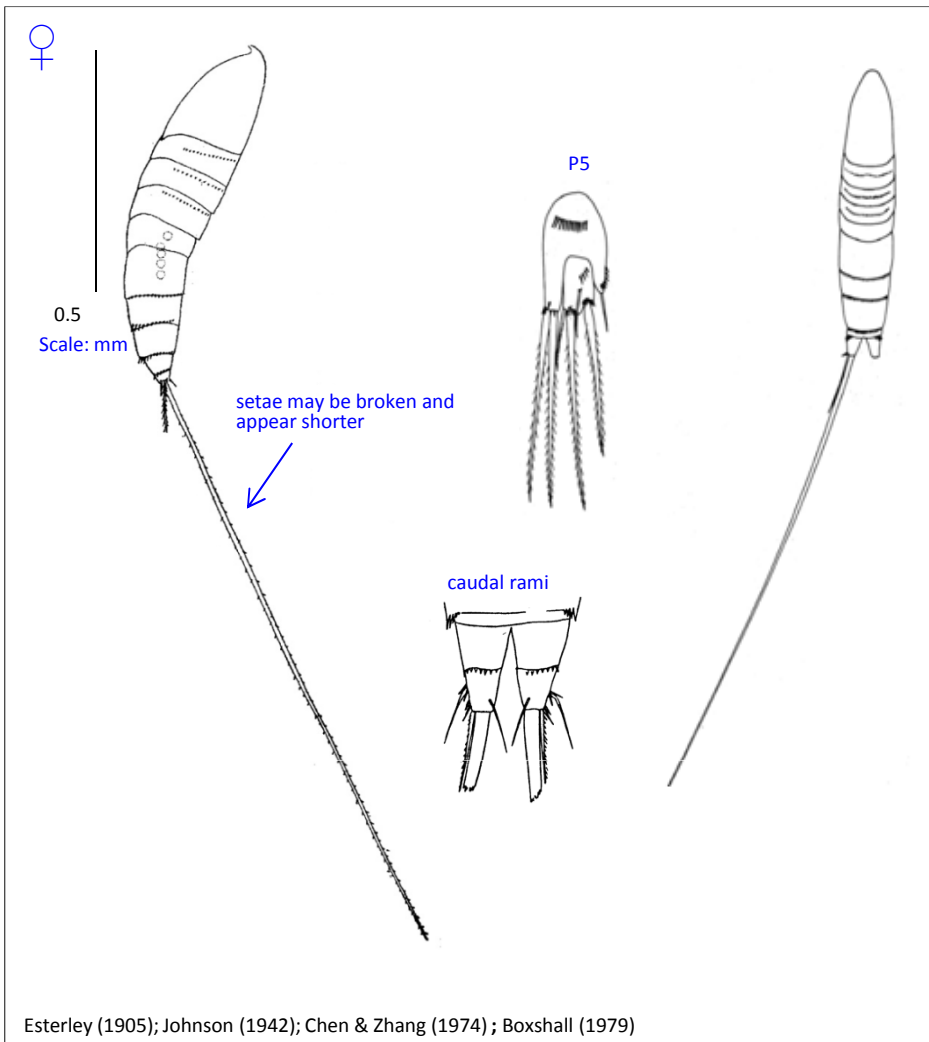


Microsetella rosea

(Dana, 1848)



Phylum Arthropoda
Order Harpacticoida
Family Ectinosomatidae



Synonyms

Harpacticus roseus Dana, 1848
Canthocamptus roseus Dana, 1852
Ectinosoma roseum Thompson & Scott, 1903

Size

Female: 0.64-0.85 mm

Genus notes

- Body slender & laterally compressed
- A1 slender, elongate, 5-segmented, and in males geniculate
- Urosome is as wide as prosome, 4 segmented in female and 6 segmented in male
- Female P5 is 2 segmented and symmetrical
- Male P5 is rudimentary and symmetrical

Female

- Sometimes has a rosy tinge
- The 2nd, 3rd & 5th prosome somites and the urosome somites have traverse rows of spinules near the anterior margins
- Longest setae on the caudal rami 2x as long as body
- P5 with 2 inner setae approx equal in length
- Similar to *M. norvegica*:
- Check size, if over 0.8mm it is likely *M. rosea*
- Length of caudal rami setae, if nearly twice as long as body then it is *M. rosea*, if shorter than it could be either species (setae could be broken)
- *M. rosea* has spinules on metasome and urosome, *M. norvegica* has spinules on urosome
- *M. norvegica* caudal rami slightly more divergent than *M. rosea*
- *M. rosea* may be coloured pink

Distribution

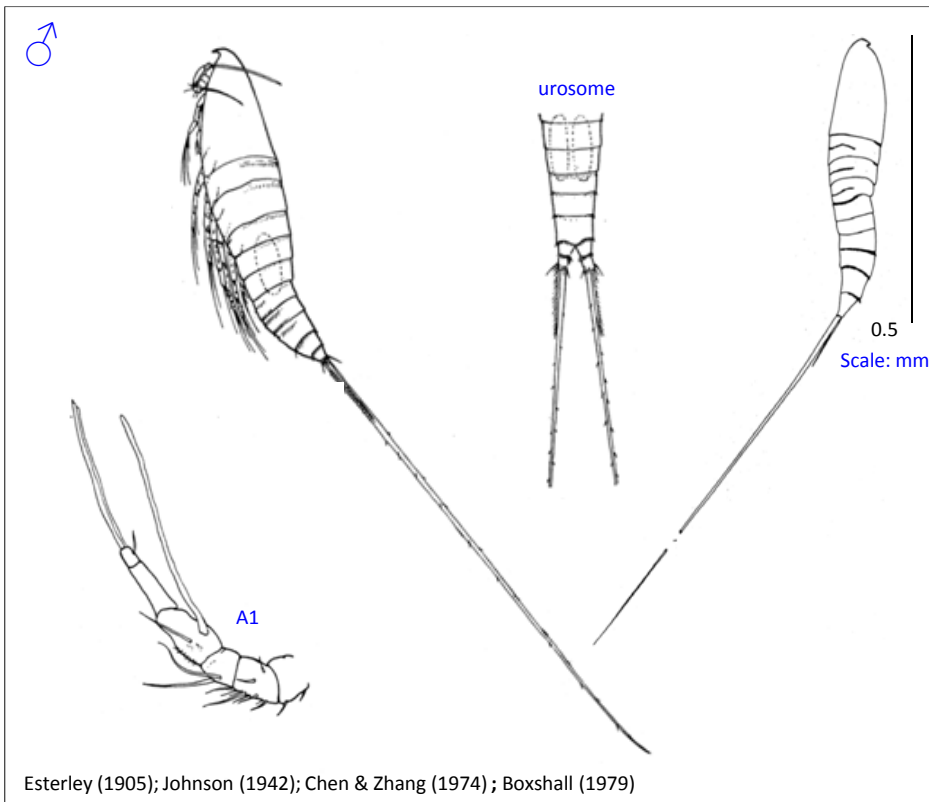
- Epipelagic
- Oceanic and coastal
- Australian distribution includes Gulf of Carpentaria, Great Barrier Reef, New South Wales and eastern Tasmania
- World distribution: cosmopolitan except for the Arctic and Antarctic Oceans

Esterley (1905); Johnson (1942); Chen & Zhang (1974); Boxshall (1979)

Microsetella rosea

(Dana, 1848)

Phylum Arthropoda
Order Harpacticoida
Family Ectinosomatidae



Size
Male: 0.37-0.70 mm

Males

- Males are rarer than females
- A1 slender, elongate, 5-segmented, geniculate

Ecology

- Herbivorous
- Important dietary component for larvae of small pelagic fishes; examples include European anchovy in the Mediterranean (*Engraulis encrasicolus*) and larval jack mackerel (*Trachurus declivis*) in eastern Tasmania

Source

Bacha & Amara (2009)
Conway (2003)
Othman et al (1990)
Young & Davis (1992)

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

Esterley (1905); Johnson (1942); Chen & Zhang (1974); Boxshall (1979)