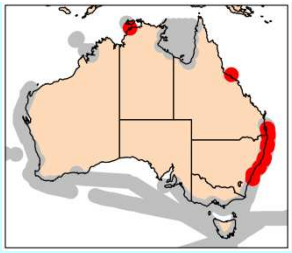
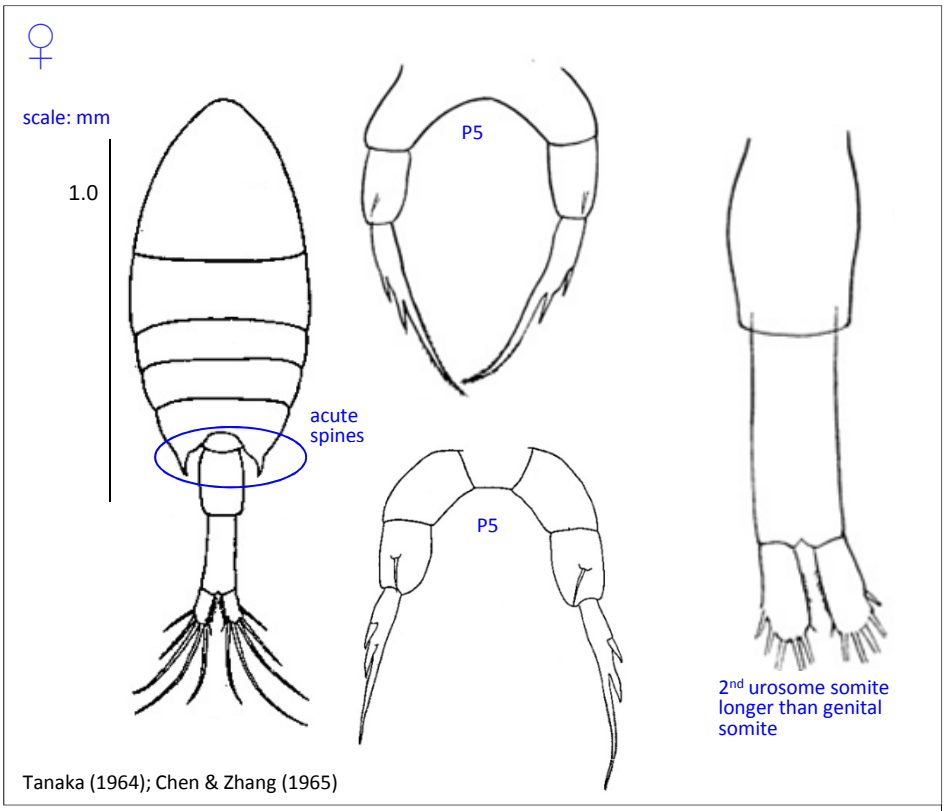
IMOS Integrated Marine Observing System

Calanopia minor

A. Scott, 1902



Phylum	Arthropoda
Order	Calanoida
Family	Pontellidae



Tanaka (1964); Chen & Zhang (1965)

Synonyms
None

Size
Female: 1.24 – 1.40 mm

Genus notes
- Cephalosome may have lateral hooks
- Cephalosome and pedigerous somite1 separate; pedigerous somites 4-5 fused
- Cephalosome without dorsal cuticular lenses
- Male right A1 geniculate with 4-segmented terminal section
- A2 exopod longer than half the endopod
- P1 endopod 2-segmented
- Female P5 symmetrical or slightly asymmetrical, 3-4 segmented, endopod absent
- Male P5 4-segmented on both sides, 2 distal segments of right leg form stout chela
- Female urosome 2-segmented; male 5-segmented
- Caudal rami 2-3x as long as wide

Female
- Rostrum pointed
- Last prosome somite produced on each side into acute spine
- P5 is quite symmetrical, with 4 segments, distal segment terminates in long spine and 1 short spine, with a further spine on outer mid segment
- Urosome 2nd somite longer than the genital somite

Distribution
- Coastal, oceanic
- Subtropical and tropical
- Indian and Pacific Oceans

Ecology
- Sometimes found living in the neustonic layer
- This copepod has been reported as part of several plankton communities, but little is known about its ecology

Compiled: C. H. Davies & A. S. Slotwinski 2012
Verified: K. M. Swadling 2013

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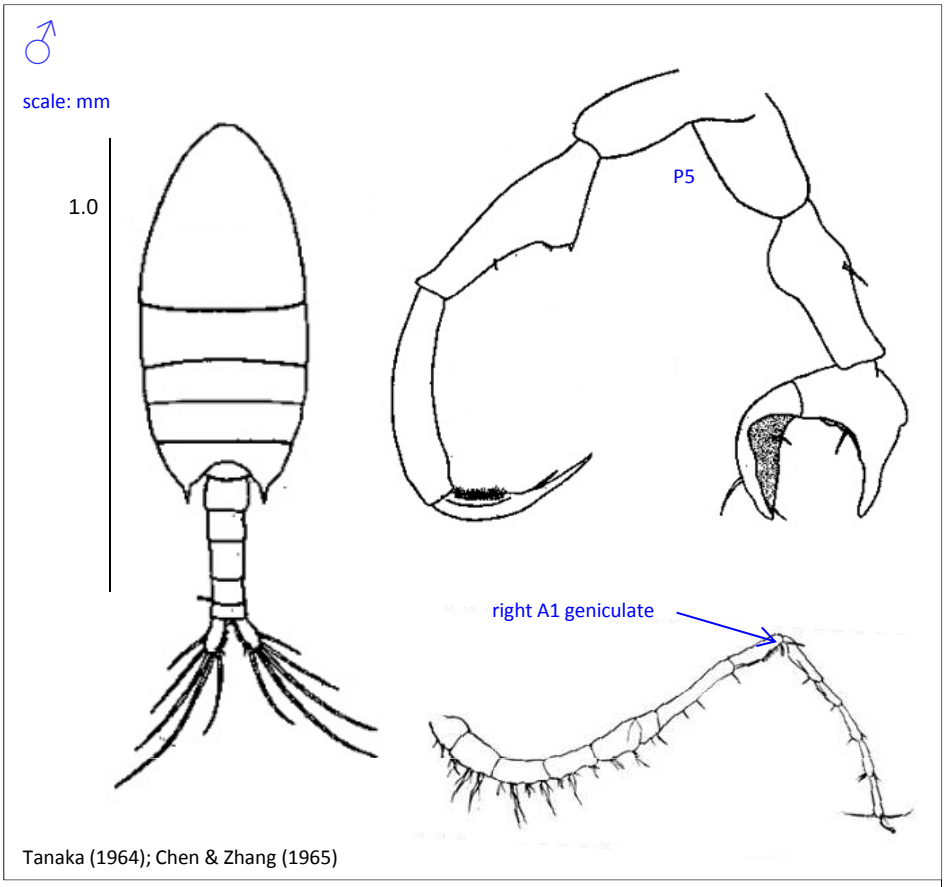

Tanaka (1964); Chen & Zhang (1965)

Size
Male: 1.11 – 1.18 mm

Male
- A1 extends to end of 3rd pedigerous somite
- Right A1 geniculate
- Basis of left P5 is swollen towards proximal end of inner margin, swollen part produced into a small tooth-like spine
- Basis of right P5 exopodite is also swollen
- Flattened joint of P5 1st exopodite segment, with one seta on inner margin, outer thumb short and naked
- Claw-like P5 2nd segment is spoon-shaped and without any teeth, but with 2 inner marginal setae
- Urosome somite 2 has no spiny process

Source
Bradford-Grieve (1999)
Chen & Zhang (1965)
Conway (2003)
Razouls et al. (2010)
Tanaka (1964)

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

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