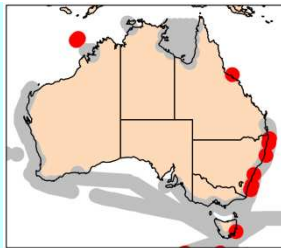
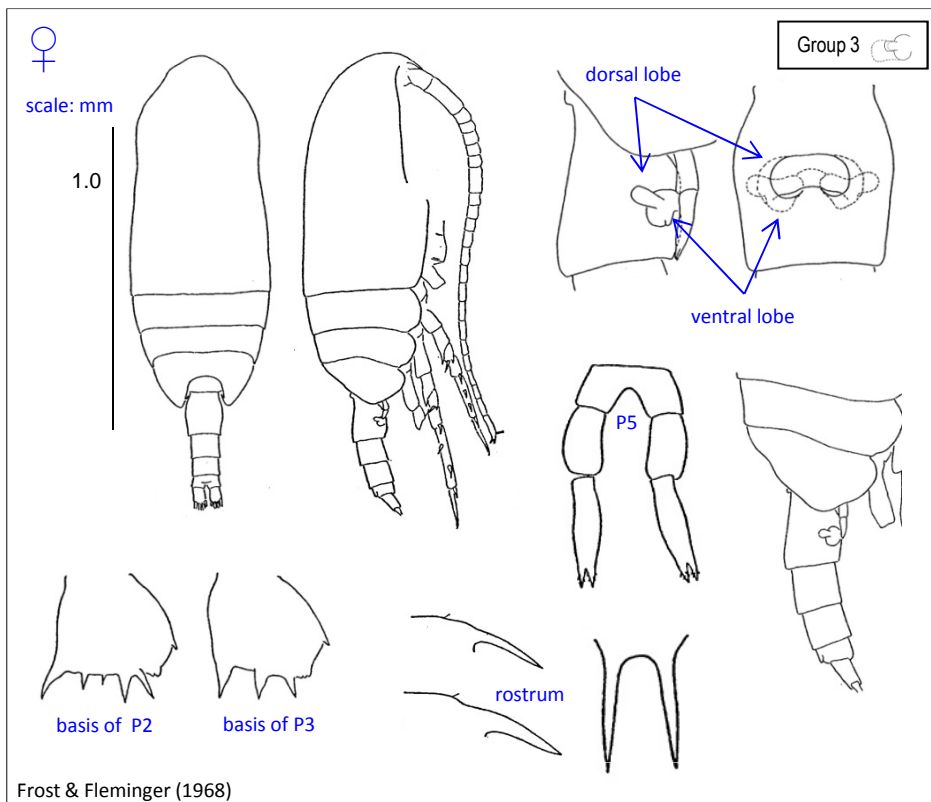


Clausocalanus brevipes

Frost & Fleminger, 1968



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Synonyms
None

Size
Female: 1.24 – 1.62 mm

Genus notes

- Small to medium sized copepods
- Female rostrum bifurcated
- Male rostrum reduced to a knob
- Anterior cephalosome & posterior prosome segments are rounded
- Cephalosome fused to pedigerous somite 1
- Female P5 is uniramous, symmetrical and 3-segmented
- Male P5 uniramous, legs of unequal length, longer leg nearly always on left, 5-segmented with segment 5 short & attached sub-apically to the previous segment, shorter leg 3-segmented, less than half of the length of segment 1 of the other leg
- Female urosome 4-segmented
- Can be confused with *Paracalanus* but P5 is a different form

Female

- Rostrum in lateral view slender or thick and curved ventroposteriad
- Posterior margin of prosome angular in lateral view
- Prosome:urosoma ratio 2.69-3.09:1
- P5 segment 3 more than 2x longer than P5 segment 1
- Caudal rami more than 1.61-1.83 times long as wide
- Genital somite more than 1.5 times as long as urosome somite 3
- Dorsal & ventral lobes of seminal receptacle conspicuous in ventral view
- Body similar to but larger than *C. pergens*
- Similar to *C. parapergens*, but distinguished by the length-width ratio of caudal ramus
- *C. brevipes* differs from *C. furcatus* in appearance of seminal receptacle in lateral view and relative lengths of urosome somites 1 and 3

Distribution

Ecology

- Generally herbivorous – omnivorous
- Feeding strategy is to rapidly explore small volumes of water

Clausocalanus brevipipes

Frost & Fleminger, 1968

Phylum Arthropoda
Order Calanoida
Family Clausocalanidae

Size

Male: 1.12 – 1.27 mm

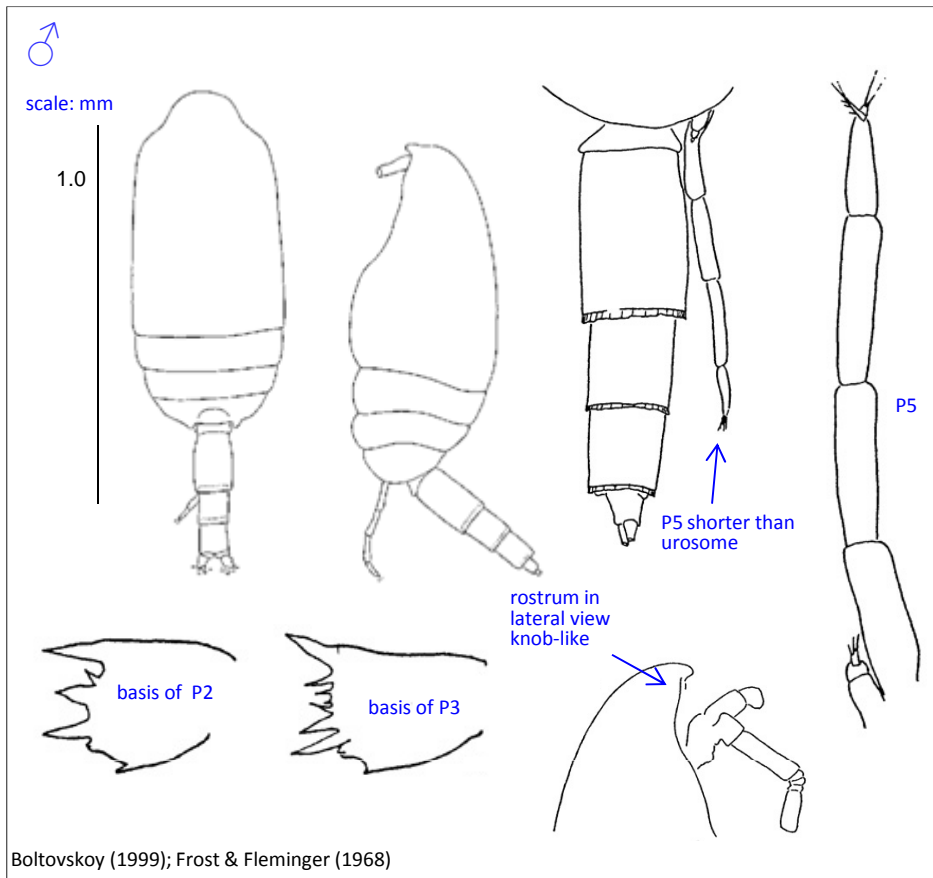
Male

- Rostrum in lateral view knob-like and protruding ventrally
- Longer ramus of P5 & genital pore on left side, left P5 much shorter than urosome
- Larger & more robust than *C.pergens*
- Distinguished from other *Clausocalanus* males by length of longer left ramus of P5 relative to the urosome

Source

Boltovskoy (1999)
 Frost and Fleminger (1968)

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



Boltovskoy (1999); Frost & Fleminger (1968)