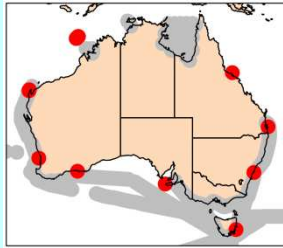
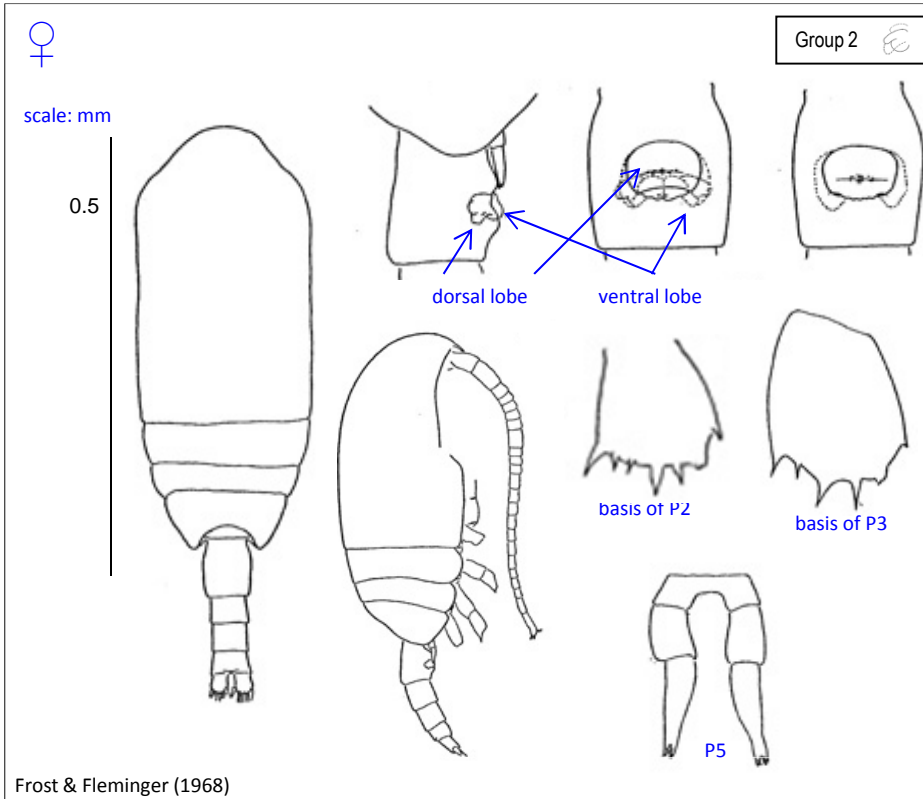


Clausocalanus paululus

Farran, 1926



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Synonyms
None

Size
Female: 0.65-0.80 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

- Body robust
- Rostrum in lateral view slender curved ventroposteriad
- Terminal points of P5 segment 3 not divergent and may have spinules on inner and outer margins
- Prosome: urosome ratio 2.59-3.00:1
- Ventral profile of genital somite in lateral view with a step posterior to the genital pores
- Genital somite more than 1.5x as long as urosome somite 3
- Seminal receptacle often inconspicuous in lateral or ventral view
- Dorsal lobe of seminal receptacle not well separated from ventral lobe in lateral view, but well demarcated in ventral view

Distribution

- Epipelagic
- Subtropical, circumglobal
- Coastal, offshore

Ecology

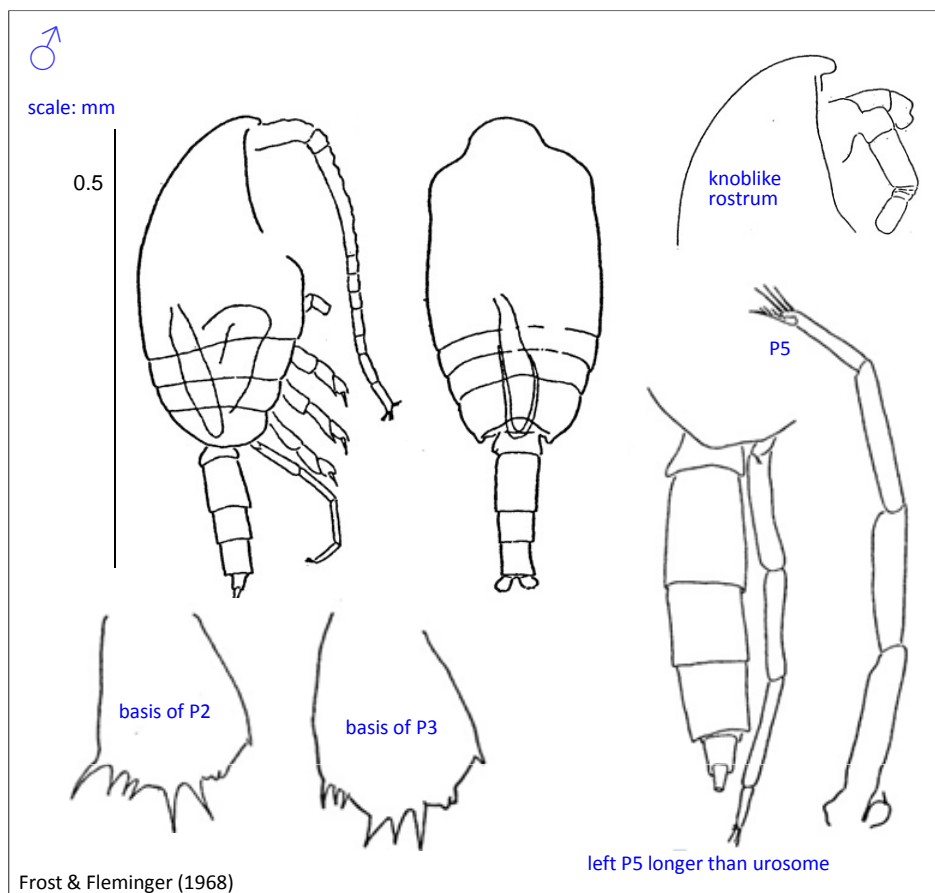
- Generally herbivorous – omnivorous
- Feeding strategy is to rapidly explore small volumes of water
- Female can carry 2 spermatophores
- Multiple generations (up to 5) per year

Frost & Fleminger (1968)

Clausocalanus paululus

Farran, 1926

Phylum	Arthropoda
Order	Calanoida
Family	Clausocalanidae



Size

Male: 0.47-0.56 mm

Male

- Body short and stocky
- Rostrum in lateral view knob-like and protruding ventrally
- Longer ramus of P5 and genital pore on left side
- Left P5 longer than urosome, right P5 2 segmented, distal segment small

Source

Bradford-Grieve (1994)
 Frost & Fleminger (1968)
 Razouls et al. (2012)
 Shmeleva & Kovalev (1974)

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

Frost & Fleminger (1968)