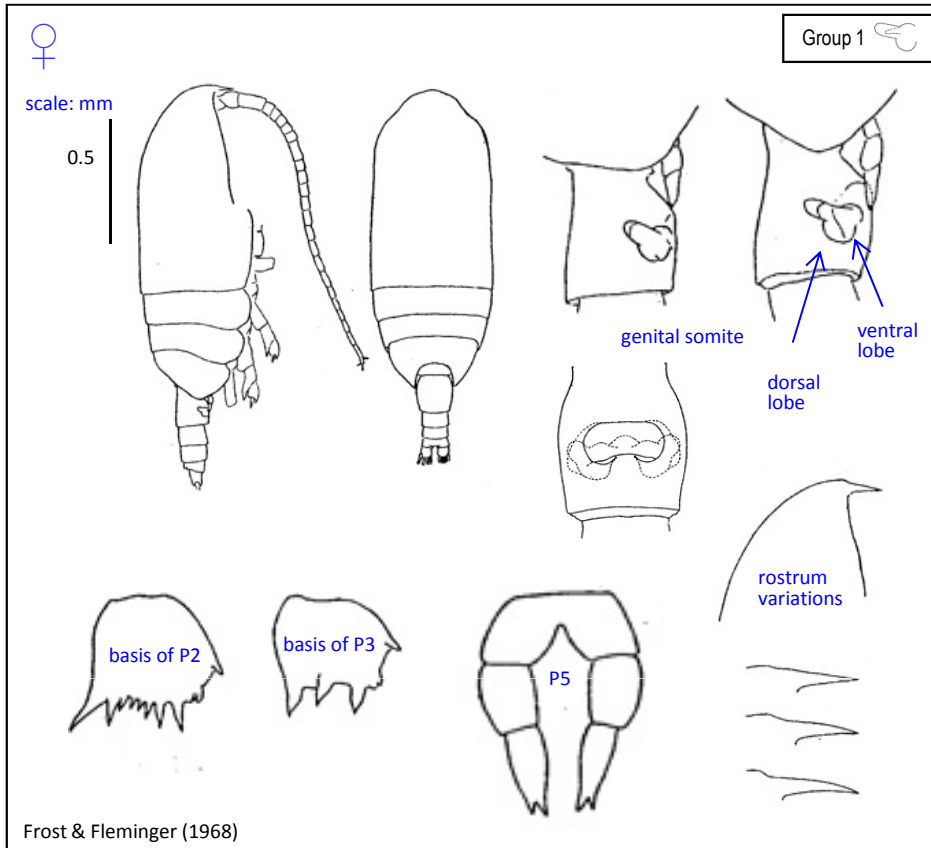


Clausocalanus lividus

Frost & Fleminger, 1968

Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Frost & Fleminger (1968)

Synonyms
None

Size
Female: 1.26-1.98 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 long and thick, usually straight and tapered uniformly
- Rostrum uniformly tapered in anterior view
- Terminal points of P5 segment 3 not spinulose
- Prosome: urosome ratio 2.68-3.28:1
- Ventral profile of genital somite nonprotruberant
- Genital somite more than 1.5x as long as urosome somite 3
- Ventral lobe large in lateral view, seminal receptacle dorsal lobe usually thick, directed dorsally or dorsoanterioriad
- Ventral lobe of seminal receptacle conspicuous in ventral view

Distribution

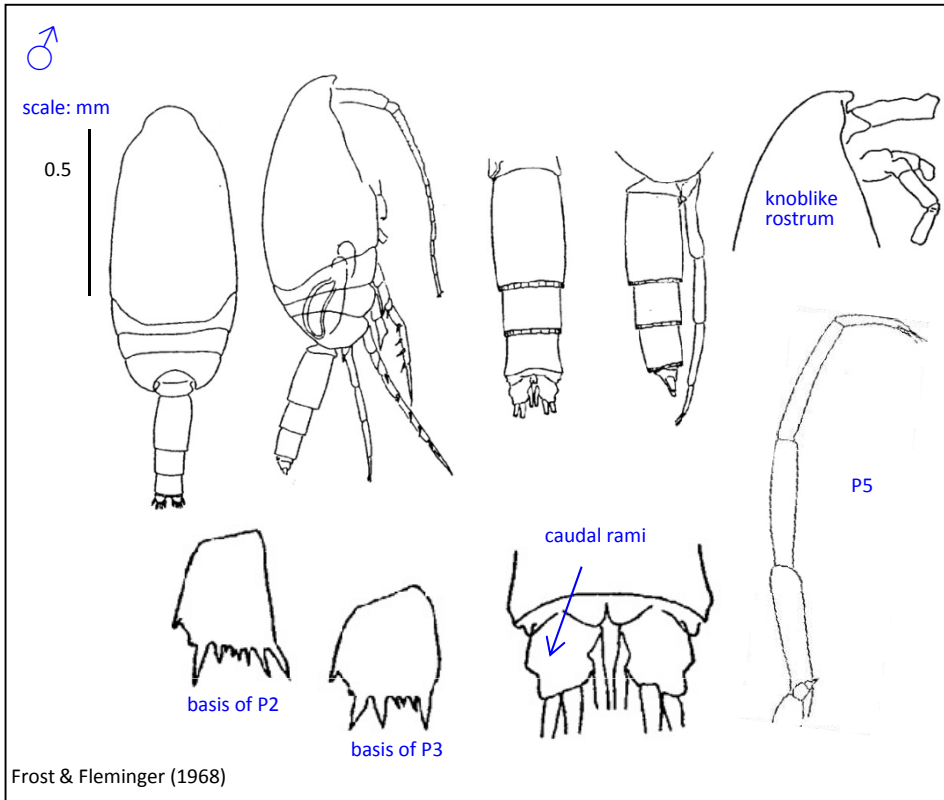
Ecology

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

Clausocalanus lividus

Frost & Fleminger 1968

Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Size
 Male: 1.13-1.45 mm

Male

- Rostrum in lateral view knoblike and protruding ventrally
- Border of cephalosome and 1st pedigerous segment not straight
- Left P5 longer than urosome, right P5 trimerous
- Genital pore on left
- Caudal ramus less than 1.6x as long as wide

Source

Frost & Fleminger (1968)

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

Frost & Fleminger (1968)