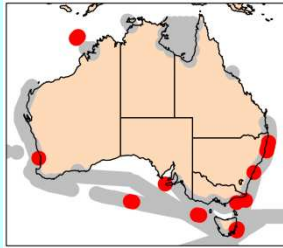
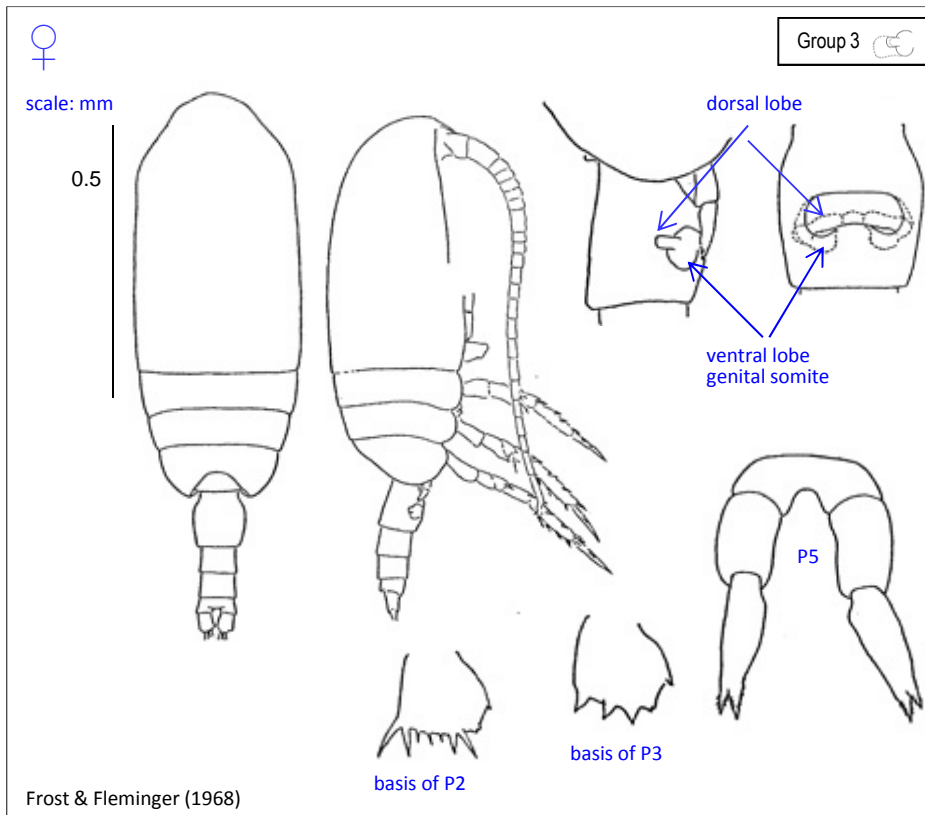


Clausocalanus pergens

Farran, 1926



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Synonyms
 None

Size
 Female: 0.70-1.22 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 and curved ventroposteriad
- P5 segment 3 more than twice as long as segment 1
- Prosome:urosoma ratio 2.57-3.00:1
- Ventral profile of genital segment in lateral view somewhat convex, but without a definite step
- Genital somite more than 1.5x as long as urosome somite 3
- Ventral lobe of seminal receptacle in lateral view large and visible anterior to base of seminal receptacle dorsal lobe
- Dorsal lobe short and finger-like
- Dorsal and ventral lobes visible in ventral view
- Similar to females of *C. brevipes* & *C. Parapergens*

Distribution

- Epi-, meso- and bathypelagic
- Circumglobal, coastal
- Warm temperate, cool temperate, subtropical

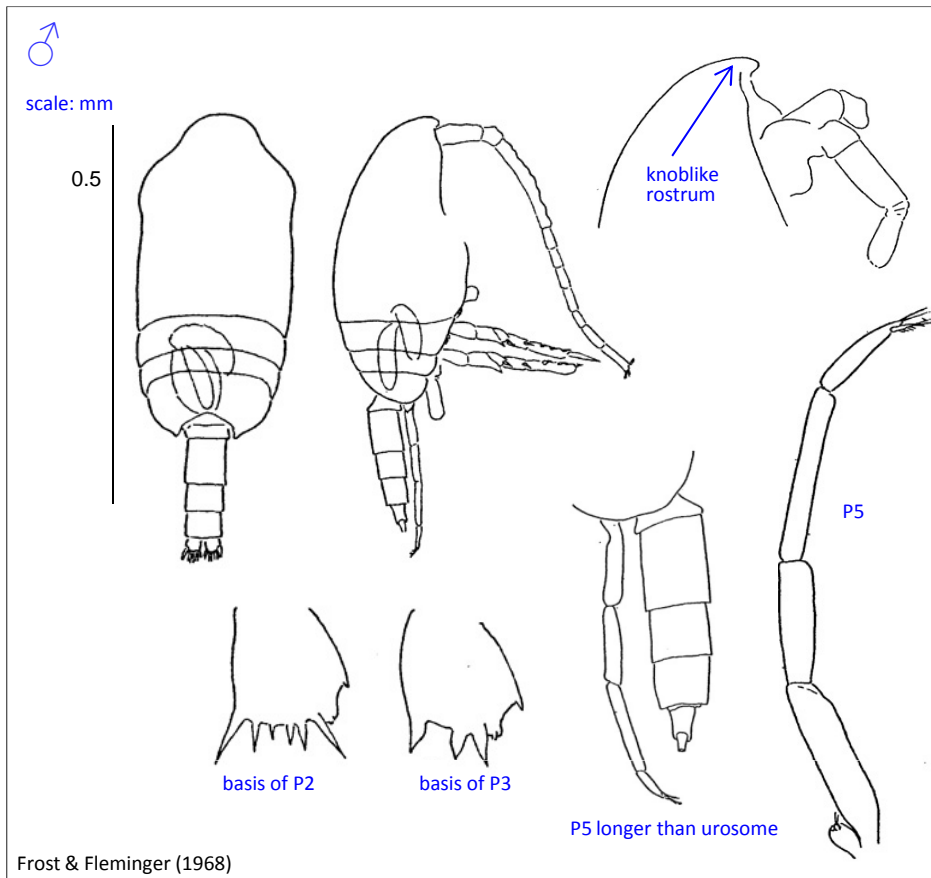
Ecology

- Generally herbivorous – omnivorous
- Feeding strategy is to rapidly explore small volumes of water
- Tends to avoid the upper mixed layer

Clausocalanus pergens

Farran, 1926

Phylum	Arthropoda
Order	Calanoida
Family	Clausocalanidae



Size

Male 0.52 – 0.67 mm

Male

- Rostrum in lateral view knoblike 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
- Similar to *C. paululus* but more slender and longer and prosome is less tapered

Source

Boxshall & Halsey (2004)
 Fragopoulou & Lykakis (1990)
 Frost & Fleminger (1968)
 Paffenhofer & Mazzocchi (2003)
 Razouls et al. (2012)

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