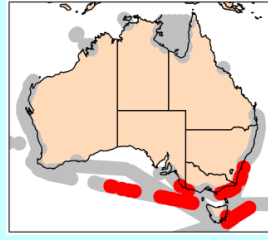
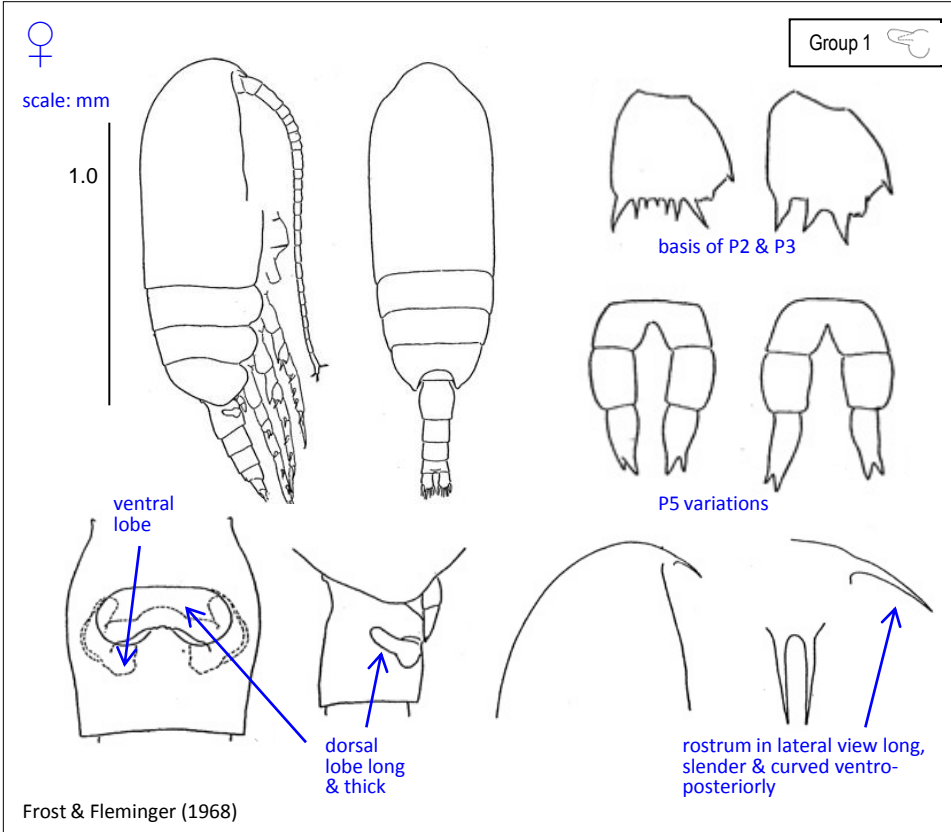


Clausocalanus ingens

Frost & Fleminger, 1968



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Frost & Fleminger (1968)

Synonym
None

Size
Female: 1.44-1.90 mm

Genus notes

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

Female

- Rostrum in lateral view long, slender and curved ventro-posteriorly
- Genital segment more than 1.5x as long as urosome segment 3
- Ventral lobe of seminal receptacle small in lateral view, dorsal lobe long and thick
- Ventral profile of genital segment non protruberant in lateral view
- Females can be identified from other *Clausocalanus* females in the form of the seminal receptacle in lateral view and the shape of the forehead

Distribution

- Epipelagic
- Coastal and oceanic
- Warm temperate waters to subantarctic
- Southern Hemisphere, circumglobal

Ecology

- Can often be recognised by the blue tint on the cuticle edge of the prosome and swimming legs
- Although it is often very abundant in plankton samples little is known about the ecology of this species



A.Slotwinski/TAFI/UTAS

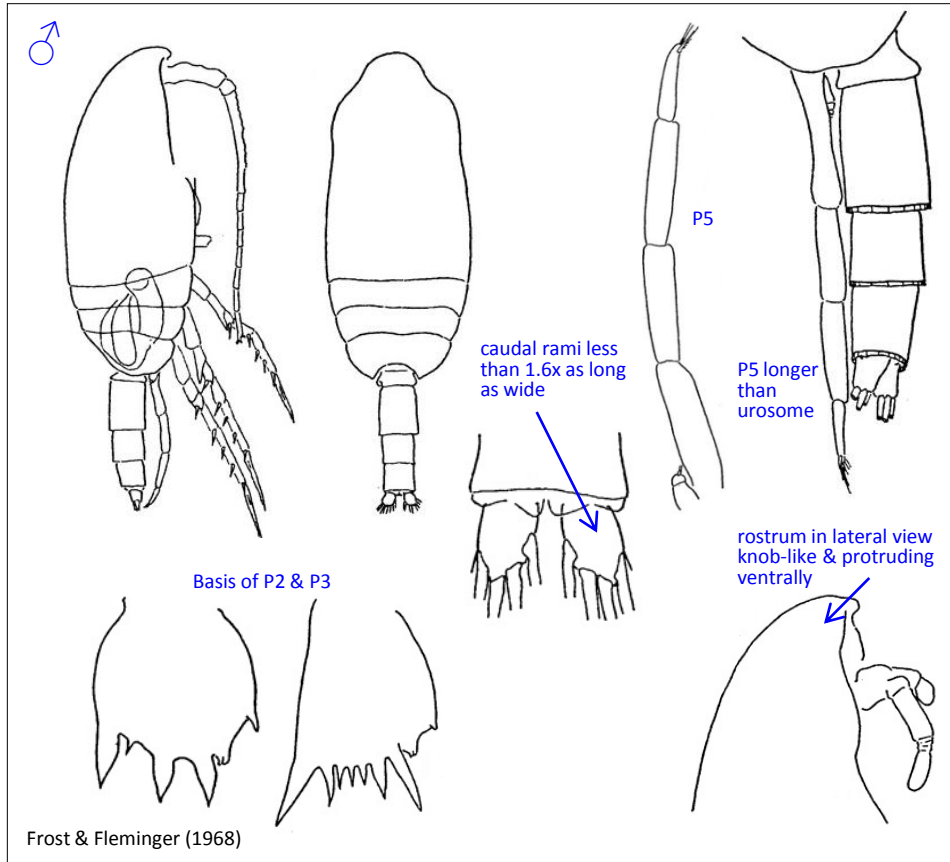
CSIRO AusCPR



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae

Clausocalanus ingens

Frost & Fleminger, 1968



Size
 Male 0.99 – 1.08 mm

- Male**
- Rostrum in lateral view knob-like and protruding ventrally
 - Caudal rami less than 1.6x as long as wide
 - P5 uniramous and of unequal length, longer P5 nearly always on left, 5-segmented with segment 5 short & attached sub-apically to previous segment
 - Shorter P5, 3-segmented, less than half length of segment 1 of opposite P5

Source
 Frost & Fleminger (1968)

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