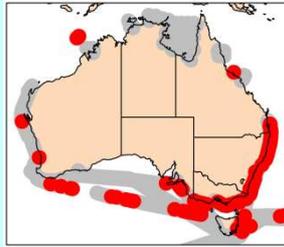
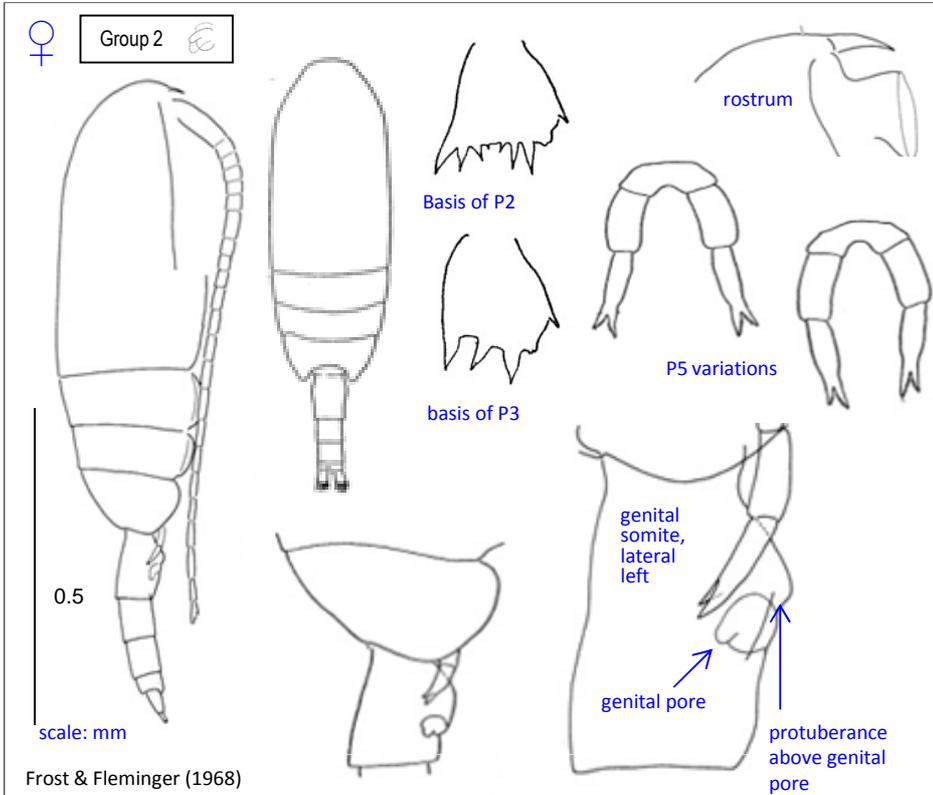


# *Clausocalanus jobei*

Frost & Fleminger, 1968



<b>Phylum</b>	Arthropoda
<b>Order</b>	Calanoida
<b>Family</b>	Clausocalanidae



Frost & Fleminger (1968)

## Synonyms

None

## Size

Female: 1.01-1.56 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 similar to *C. farrani* except forehead slightly more rounded in lateral view
- Rostrum long, slender and curved in lateral view
- Posterior margin of female prosome rounded in lateral view
- Prosome:Urosome ratio 2.32-2.92:1
- Genital somite more than 1.5 times as long as urosome somite 3
- Female *C. jobei* is distinct from all other *Clausocalanus* spp. (except *farrani*) in having a ventral protuberance of genital somite anterior to genital pores
- *C. jobei* and *C. farrani* differ in form of rostrum in lateral view

## Distribution

- Tropical or sub-tropical distribution, circumglobal
- Broadly neritic distribution throughout its range
- Distribution distinct from *C. farrani* in the Indian & Pacific Oceans, areas of slight overlap found in western part of the eastern tropical Pacific Ocean

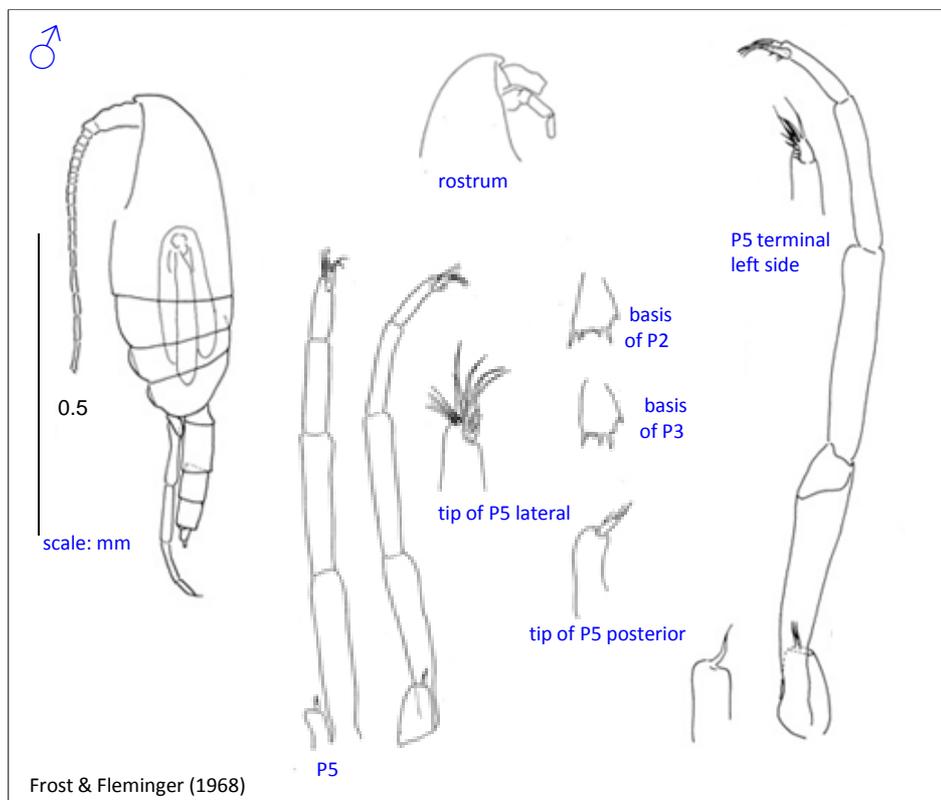
## Ecology

- Carries eggs in a single, fragile sac
- Herbivorous filter feeder

# *Clausocalanus jobei*

Frost & Fleming, 1968

**Phylum** Arthropoda  
**Order** Calanoida  
**Family** Clausocalanidae



## Size

Male: 0.87-1.07 mm

## Male

- Rostrum knoblike and protrudes ventrally
- Prosome:Urosome ratio 2.29-2.60:1
- Longer ramus of P5 on left side, left P5 longer than urosome, left P5 armed distally with 2 thick curved spiniform setae
- Right P5 short, 2 segmented, 2<sup>nd</sup> segment very small

## Source

Boltovskoy (1999)  
 Dakin & Colefax (1940)  
 Frost & Fleming (1968)  
 Taw (1978)  
 Saiz and Calbert (1999)

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