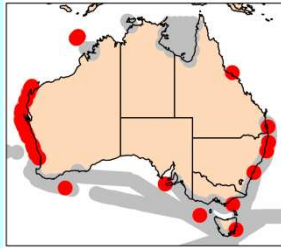
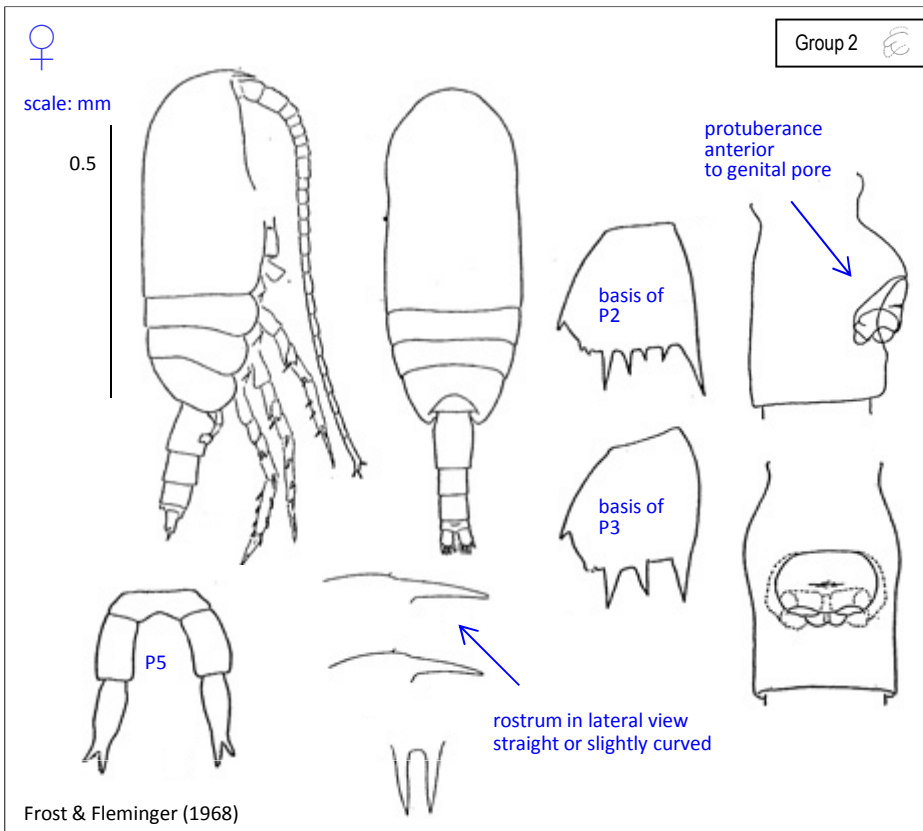


Clausocalanus farrani

Sewell 1929



Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Synonyms
None

Size
Female: 0.87-1.22 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 straight or slightly curved, short, thick and directed ventrad or slightly ventroposteriad
- Terminal points of P5 segment 3 divergent and always spinulose only in inner margins
- Prosome:Urosome ratio 2.3-2.64:1
- Ventral profile of genital somite in lateral view protuberant anterior to genital pores
- Separation of seminal receptacle dorsal and ventral lobes weak both in lateral and ventral view
- Genital somite more than 1.5x as long as urosome somite 3

Distribution

- Epipelagic, coastal
- Subtropical, tropical
- Indian and Pacific oceans

Ecology

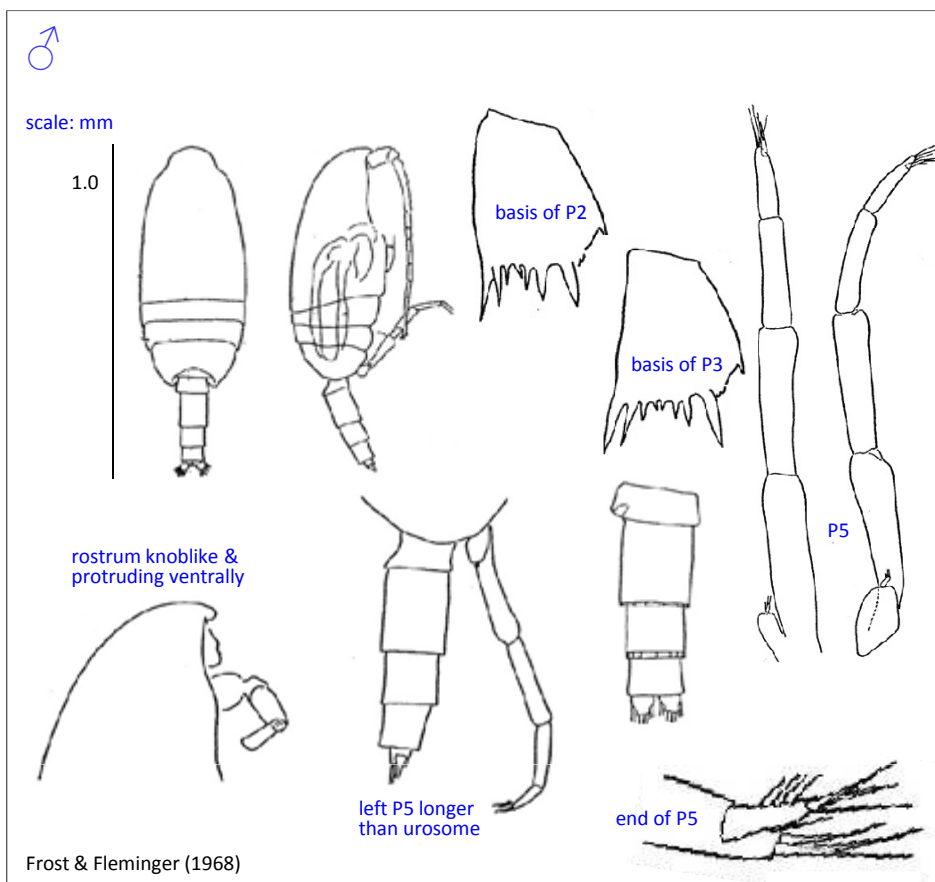
- Generally herbivorous – omnivorous
- Feeding strategy is to rapidly explore small volumes of water
- Carries egg sacs; produces up to 5 eggs per female per day
- Infection with endoparasites can impair the maturation of gonads and lead to intersexuality



Clausocalanus farrani

Sewell 1929

Phylum Arthropoda
Order Calanoida
Family Clausocalanidae



Size
 Male: 0.65 - 0.99 mm

- Male**
- Body stouter than *C. arcuicornis*
 - Rostrum in lateral view knob-like and protruding ventrally
 - Longer ramus of P5 and genital pore on left side
 - Left P5 longer than urosome, 5th segment armed distally with slender, usually straight setae
 - Right P5 short, 2-segmented, segment 2 very small

Source
 Cornils et al. (2007)
 Frost & Fleminger (1968)
 Razouls et al. (2012)

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