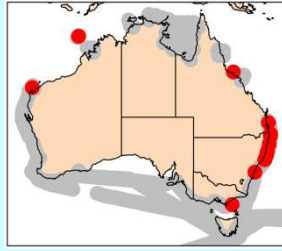


# *Agetus limbatus*

(Brady, 1883)



**Phylum** Arthropoda  
**Order** Cyclopoida  
**Family** Corycaeidae

## Synonyms

*Corycaeus limbatus* Brady, 1883

## Size

Female: 1.24 – 1.64 mm

## Genus notes

- Usually greater than 1.2 mm
- Has cuticular lenses
- Basal setae of antenna subequal in both sexes
- Male antenna distal margin rounded, finely hirsute
- 1-segmented urosome

## Female

- 1-segmented urosome is 2 times as long as caudal rami
- Genital somite rhomboidal in dorsal view

## Distribution

- Epipelagic – mesopelagic
- Coastal and oceanic
- Tropical and subtropical in the Atlantic and Pacific

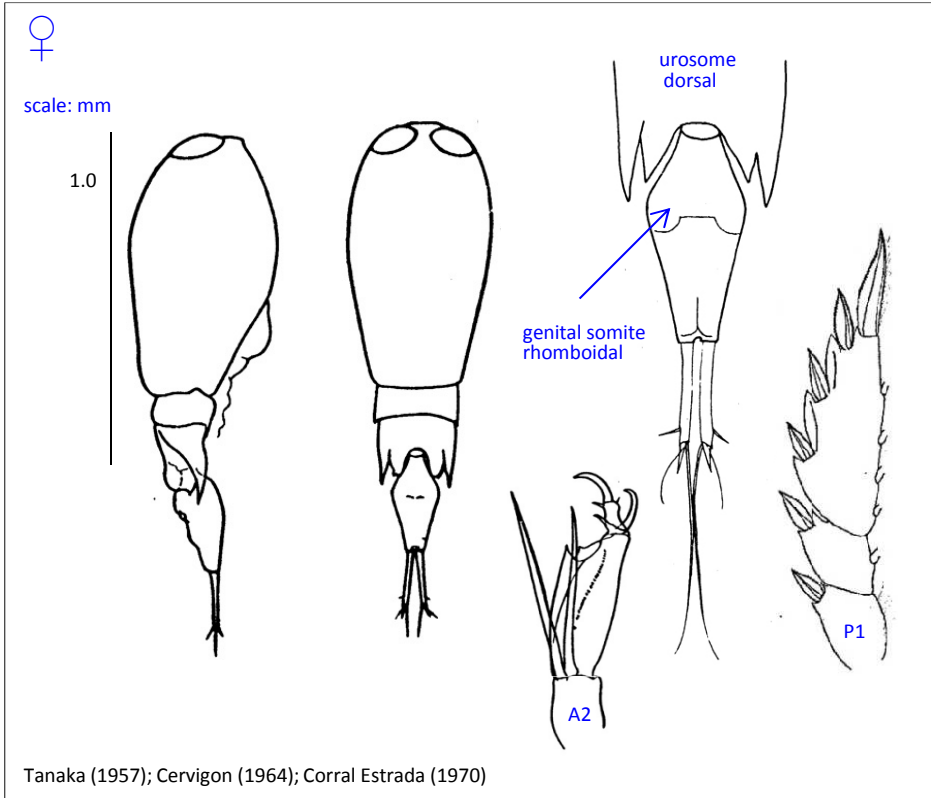
## Ecology

- Visual predators using raptorial appendages to capture small prey
- Prefers water temperatures below 15°C
- Often co-occurs with *A. flaccus*

## Source

Boltovskoy (1999)  
 Boxshall & Halsey (2004)  
 Cervigon (1964)  
 Corral Estrada (1970)  
 Dahl (1912)  
 Razouls (1974)  
 Razouls et al. (2012)  
 Tanaka (1957)  
 Vidjak & Bojanic (2009)

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



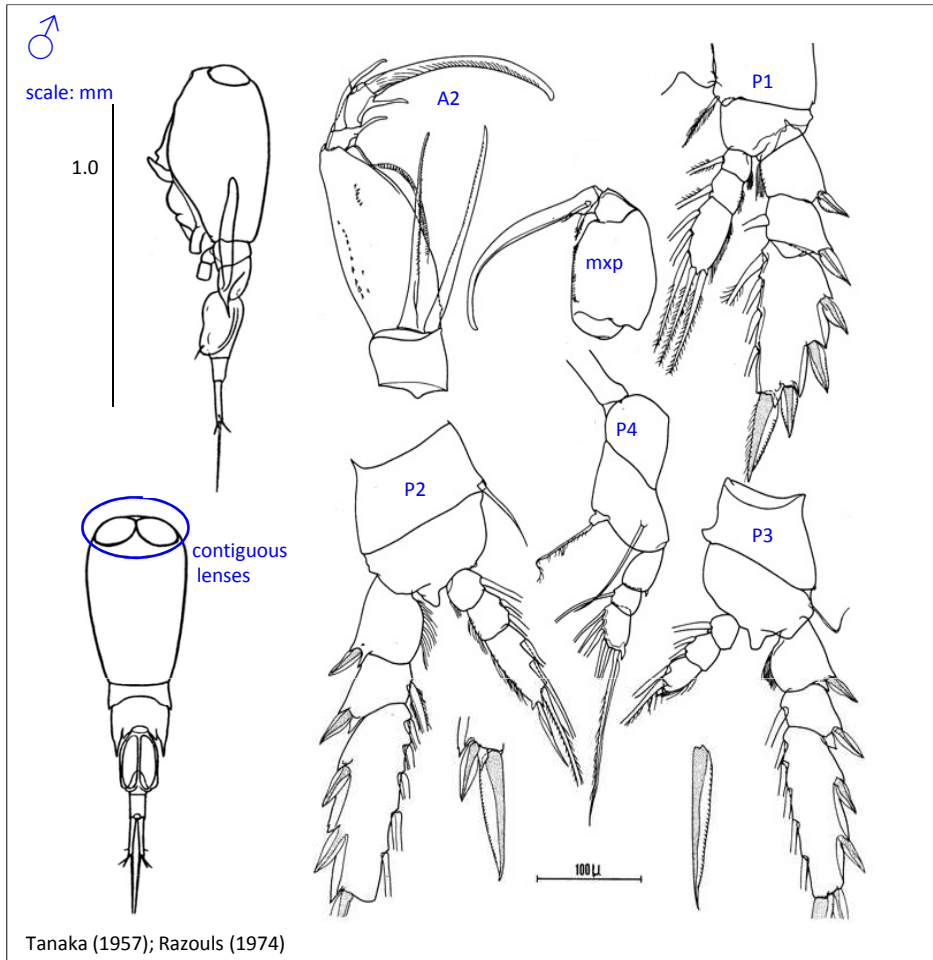
preserved specimen



# *Agetus limbatus*

(Brady, 1883)

**Phylum** Arthropoda  
**Order** Cyclopoida  
**Family** Corycaeidae



**Size**

Male: 1.08 – 1.67 mm

**Male**

- Cephalosome <2 times as long as wide
- Large cuticular lenses contiguous
- The urosome somites and caudal rami in the proportional lengths 52:17:29
- Genital somite about 1.6 times as long as wide
- Anal somite 1.5 times as long as wide and  $\frac{3}{4}$  as long as caudal rami