**Onychocorycaeus agilis**  
(Dana, 1849)

**Phylum**  
Arthropoda

**Order**  
Cyclopoida

**Family**  
Corycaeidae

**Synonyms**

*Corycaeus agilis* Dana, 1849  
*Ditrichocorycaeus agilis* (Dana, 1849)

**Size**

Female: 1.00-1.16 mm

**Genus notes**

- Has cuticular lenses
- Usually < 1.2 mm
- Females have a large prosome which is usually ⅔ as wide as long
- Hook on end of male A2 overhangs both basal segments

**Female**

- Prosome robust, 1.5x as long as urosome
- A2 segment 2 very broad, 2 teeth on inner distal margin
- P4 endopodite has one seta
- Urosome and caudal rami slender
- Anal somite 2x as long as wide
- Caudal rami slightly longer than anal somite and same length as genital somite

**Distribution**

- Epipelagic
- Coastal and oceanic
- Australian distribution includes Christmas Island, Great Barrier Reef, New South Wales and North West Cape
- World distribution: tropical and subtropical waters of the Pacific and Indian oceans, also found off South Africa

**Ecology**

- Females carry egg sacs
- Carnivorous

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Compiled: C. H. Davies & M. Tonks 2012  
Verified: D. V. P. Conway 2013
**Onychocorycaeus agilis**

*(Dana, 1849)*

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

**Size**  
Male: 0.75 – 1.40 mm

**Male**  
- May have minute median hook on ventral proximal corner of genital somite  
- Caudal rami just longer than anal somite and slightly shorter than genital somite

**Source**  
Al-Yamani (2003)  
Boltovskoy (1999)  
Böttger-Schnack et al (1989)  
Farran (1911)  
Razous et al (2010)  
Tanaka (1957)


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