**Cosmocalanus darwinii** (Lubbock, 1860)

**Synonyms**
- *Undina darwinii* Lubbock, 1860
- *Calanus darwinii* (Lubbock, 1860)
- *Cosmocalanus darwini* (Lubbock, 1860)

**Size**
- Female: 1.6-2.58 mm

**Genus notes**
- Only 2 species
- Cephalosome and pedigerous somite 1 fused
- Spines on anterior surface of basis of P1, 3-5 in female and P1, 3-4 in male
- Inner margin of coxa of P5 finely serrated
- Posterior prosome corners drawn into points in female
- Caudal rami setae sometimes branch

**Female**
- A1 reaches almost to the end of urosome
- Spinules on posterior margin of genital and 2nd urosome somite
- Genital somite bulges quite strongly and comes to blunt point towards the anterior somite

**Distribution**
- Epipelagic
- Pacific, Indian and Atlantic
- Subtropical and tropical

**Ecology**
- Eggs released into water column
- Fine particle feeders, probably omnivorous
- Usually restricted to surface layers
- Females often found with 2 or more spermatophores

**Compilation**
Compiled: C. H. Davies & A. S. Slotwinski 2012
Verified: Incomplete

**Phylum** Arthropoda
**Order** Calanoida
**Family** Calanidae
Cosmocalanus darwinii
(Lubbock, 1860)

**Phylum** Arthropoda
**Order** Calanoida
**Family** Calanidae

**Size**
Male: 1.6-2.35 mm

**Male**
- P5 extremely large and very asymmetrical, left exopod highly modified, right leg not modified
- Tooth on inner edge of external spine of left P5 is placed about 1/3 of length from the from base of the spine

**Source**
Bradford-Grieve (1994)
Chiba (1953)
Conway (2003)
Dakin & Colefax (1940)
Grice (1961)
Razouls et al. (2012)