

## *Euchone limnicola* Fanworm

**Phylum:** Annelida  
**Class:** Polychaeta  
**Order:** Sabellida  
**Family:** Sabellidae

### Synonymised Taxa

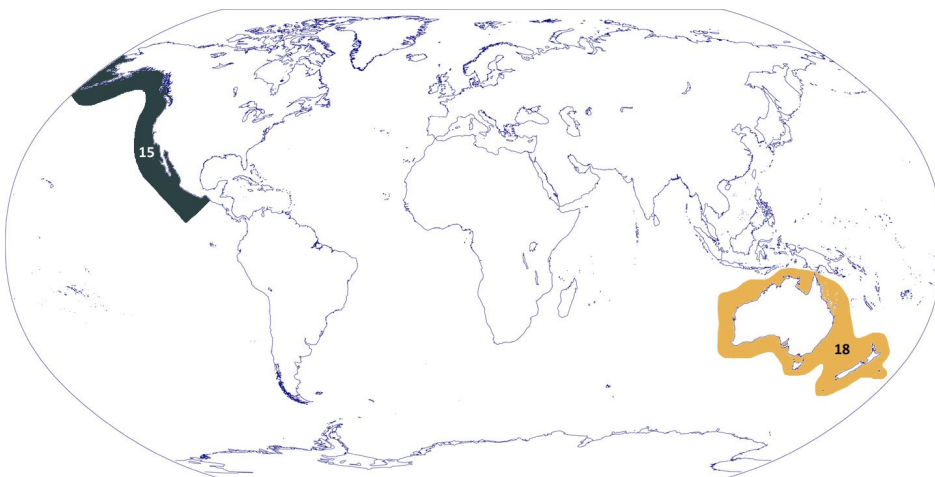
*Euchone limicola* [auctt.] (misspelling)

### Larval Period

No information

### Distribution (Bioregions)

**Native:** 15 **Introduced:** 18



### Habitat

A subtidal species found to 24 m. Colonises soft sediment, building protective tubes from the surrounding sediment thereby creating burrows.

### Temperature Tolerance

No information

### Salinity Range

No information

### Size

8-12 mm

### Lists

- WA species of concern
- Woodside

## *Euchone limnicola* Fanworm

### Key Features

- The species construct a mucous tube and the fine sediment particles of its environment adhere to it;
- The **crown has up to 8 pairs of radioles** which are joined at the base by a webbed membrane;
- The collar is smooth and without eyespots. It has a cleft along the mid-dorsal line;
- The **body consists of 8 thoracic segments and 18 abdominal segments**. The **last 10 abdominal segments represent the anal depression**;
- The tapered posterior end containing the anal depression, is a key feature of this genus;
- **The anal depression is large without a membranous flange**. This feature distinguishes *E. limnicola* from other *Euchone* species, as all others have a membranous flap over the anal depression.

Radiole of the branchial crown



Tapered posterior, with anal depression, without membranous flange

