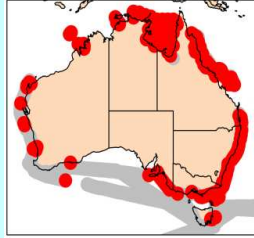


Euterpina acutifrons

(Dana, 1847)



Phylum Arthropoda
Order Harpacticoida
Family Euterpinidae

Synonyms

Euterpe acutifrons (Dana, 1847)
Harpacticus acutifrons Dana, 1847
Laophonte sagenarum Oliveira, 1945

Size

Female: 0.50-0.75 mm

Genus notes

- A2 exp well developed
- Prosome 4 segmented
- Female urosome 5 segmented, male 6 segmented
- Both rami of P1 2 segmented

Female

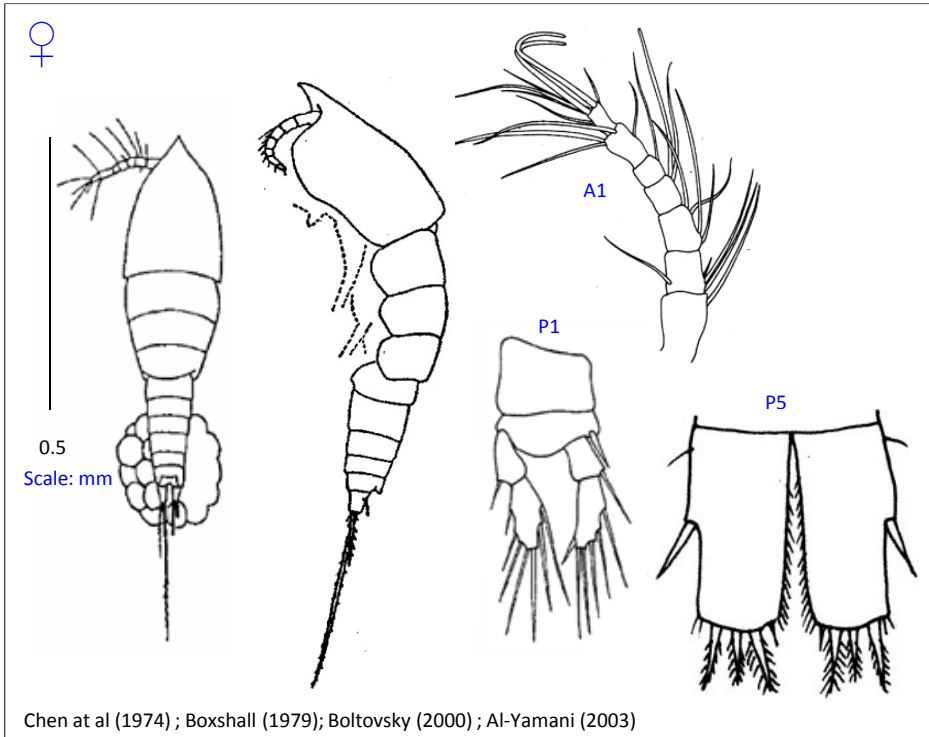
- Rostrum is stout, anterior of cephalosome is sharply pointed
- A1 7 segmented
- P5 symmetrical, 1 segmented

Distribution

- Epipelagic, cosmopolitan
- Coastal, neritic
- Australian distribution includes New South Wales, Great Barrier Reef and Tasmania
- World distribution: widespread in tropical and subtropical waters of all oceans
- Species is not found in the Arctic or Antarctic Oceans

Ecology

- Principally inshore marine species but can tolerate a wide range of salinities
- Non-selective herbivores
- Female carries single egg sac
- Generation times range from 23 – 85 days; length of time relates to water temperature and food availability



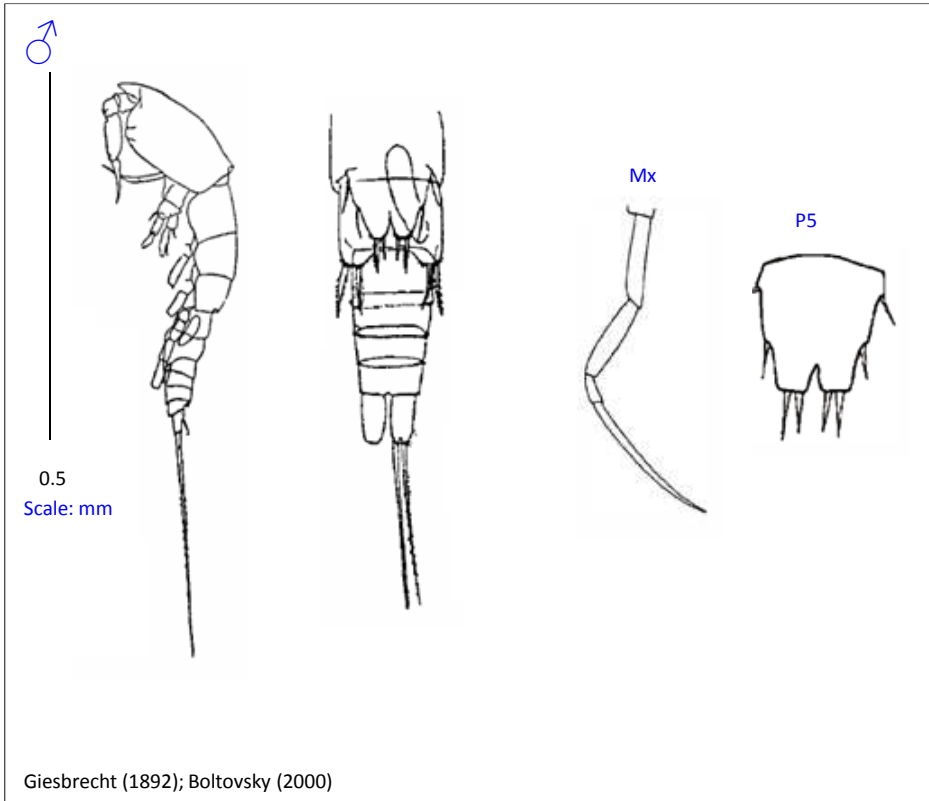
preserved specimen



Euterpina acutifrons

(Dana, 1847)

Phylum Arthropoda
Order Harpacticoida
Family Euterpinae



Size

Male: 0.50-0.56 mm

Male

- Body similar in shape to female
- Both A1 geniculate; 4th and 5th segments are fused and much thickened; 6th and 7th are fused
- A2 exp well developed
- Both rami of P1 2 segmented
- P5 symmetrical and rudimentary

Source

Conway (2003)
Razouls et al (2010)
Taw and Ritz (1979)

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