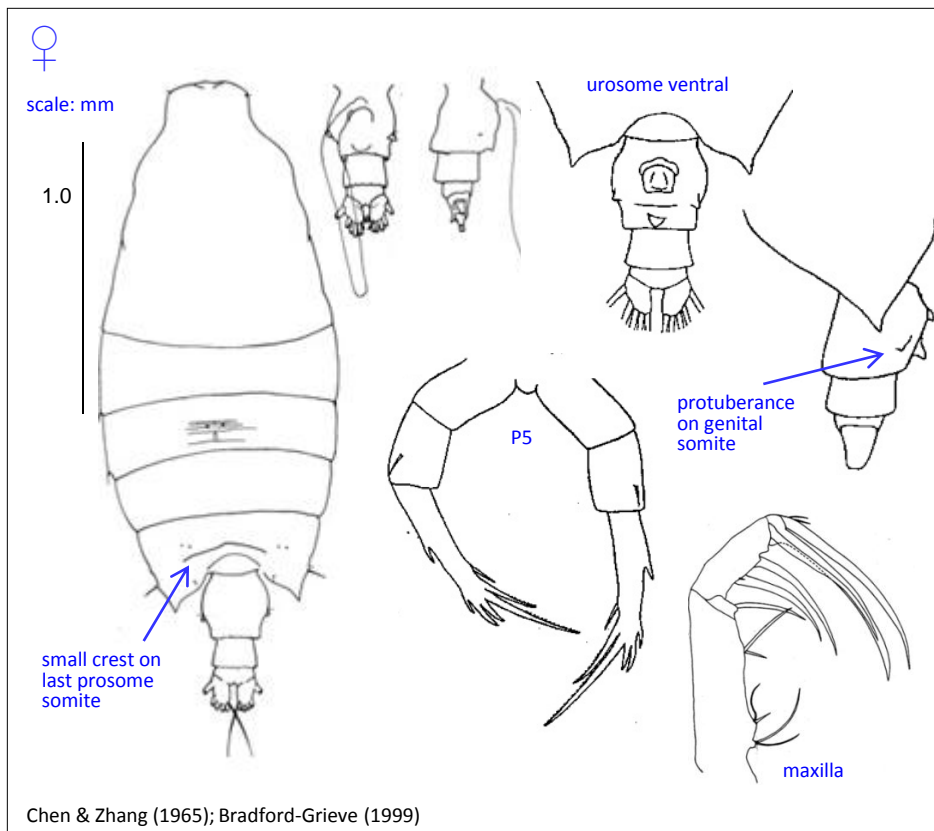


Phylum	Arthropoda
Order	Calanoida
Family	Candaciidae

Candacia ethiopica

(Dana, 1849)



Synonyms

Candace aethiopica Dana, 1849
Candace ethiopica Dana, 1849
Candacia aethiopica (Dana, 1849)

Size

Female: 1.97-3.03 mm

Genus notes

- Body relatively robust, cephalosome rectangular in dorsal view, gives appearance of 'shoulders'
- May be darkly pigmented
- Cephalosome and pedigerous somite 1 separated, pedigerous somites 4-5 fused and extended into pointed, often asymmetrical processes; rarely rounded
- Right A1 of male with teeth present on one or more segments at the bend in the geniculate region
- Rostrum atrophied
- Female P5 terminal segments with one or more spine processes, a finger-like process or a single long setae; setae may or may not be present on the inner lateral margins
- Male right P5 is chelate or ends in a long feather like seta
- Female urosome 3-segmented, genital somite often spinose or asymmetrical, without seminal receptacles, somite 2 often asymmetrical; male 5-segmented
- Caudal rami short with 6 setae

Female

- Prosome can be darkly pigmented
- Posterior prosome corners pointed
- Small crest on last prosome somite (also in other *Candacia* spp.)
- P5 segment 3 with 3 inner edge setae; distal 2 setae are coarse and of unequal length; segment 3 with 7 spines in total
- Genital somite asymmetrical, prolonged on left
- In lateral view genital somite has a small ventral spiny protuberance

Distribution

- Epipelagic; mesopelagic
- Mainly open ocean
- Widespread in tropical, subtropical and temperate waters
- Pacific and Indian Oceans and Atlantic Oceans

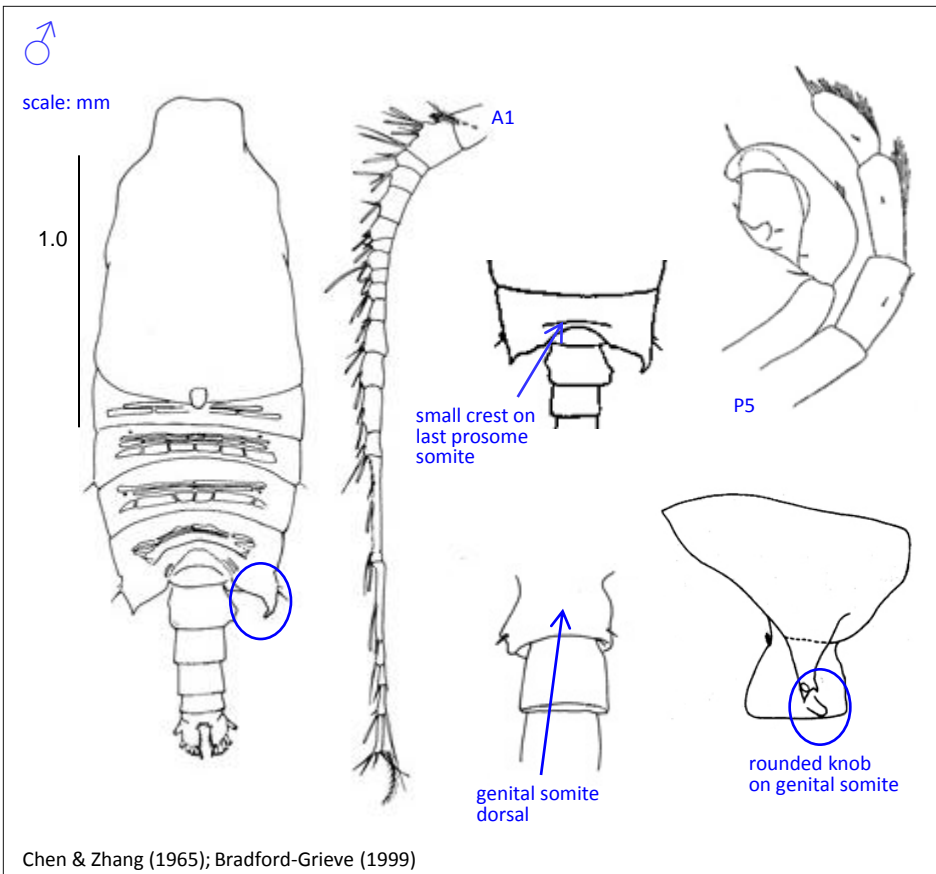
Ecology

- Can live in the neuston
- Specialised predator, grasping prey with large and robust maxillae
- Larvaceans are major prey item
- Swimming speeds up to 7 mm s⁻¹

Candacia ethiopica

(Dana, 1849)

Phylum	Arthropoda
Order	Calanoida
Family	Candaciidae



Chen & Zhang (1965); Bradford-Grieve (1999)

Size

Male: 2.00 – 2.93 mm

Male

- Posterior prosome asymmetrical with curved spiny projection on the right side
- Genital somite with 2 triangular processes on right margin, protuberances on one side (a rounded knob and a pointed projection)
- Small crest on last prosome somite (also in other *Candacia* spp.)

Source

- Bradford-Grieve & Markhaseva (1999)
- Boxshall & Halsey (2004)
- Bradford-Grieve (1999)
- Chen & Zhang (1965)
- Conway (2003)
- Hattori et al. (1983)
- Razouls et al. (2010)
- Woodson et al. (2005)

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