

Mayerella acanthopoda

Diagnostic Characters:

- A smooth bodied elongate caprellid with pereopods 3, 4, and 5 two-segmented.
- Male abdomen with low chitinous hump separating paired ventrally directed appendages which are terminated by a cap of minute spicules.
- Penes large and broad, medially directed.
- Lateral lobes and tip of abdomen well defined and strongly setose.
- Body diffusely pigmented, dark pigment band across top of head between eyes.

Illustration:



Fig. 1. *Mayerella acanthopoda* sp. nov. Male holotype 6.3 mm; female allotype 5.3 mm. Male gnathopod 2 of holotype, other structures from paratype male. Gnathopod 2 insert from 5.8 mm male. All structures are to 0.1 mm scale unless otherwise indicated.