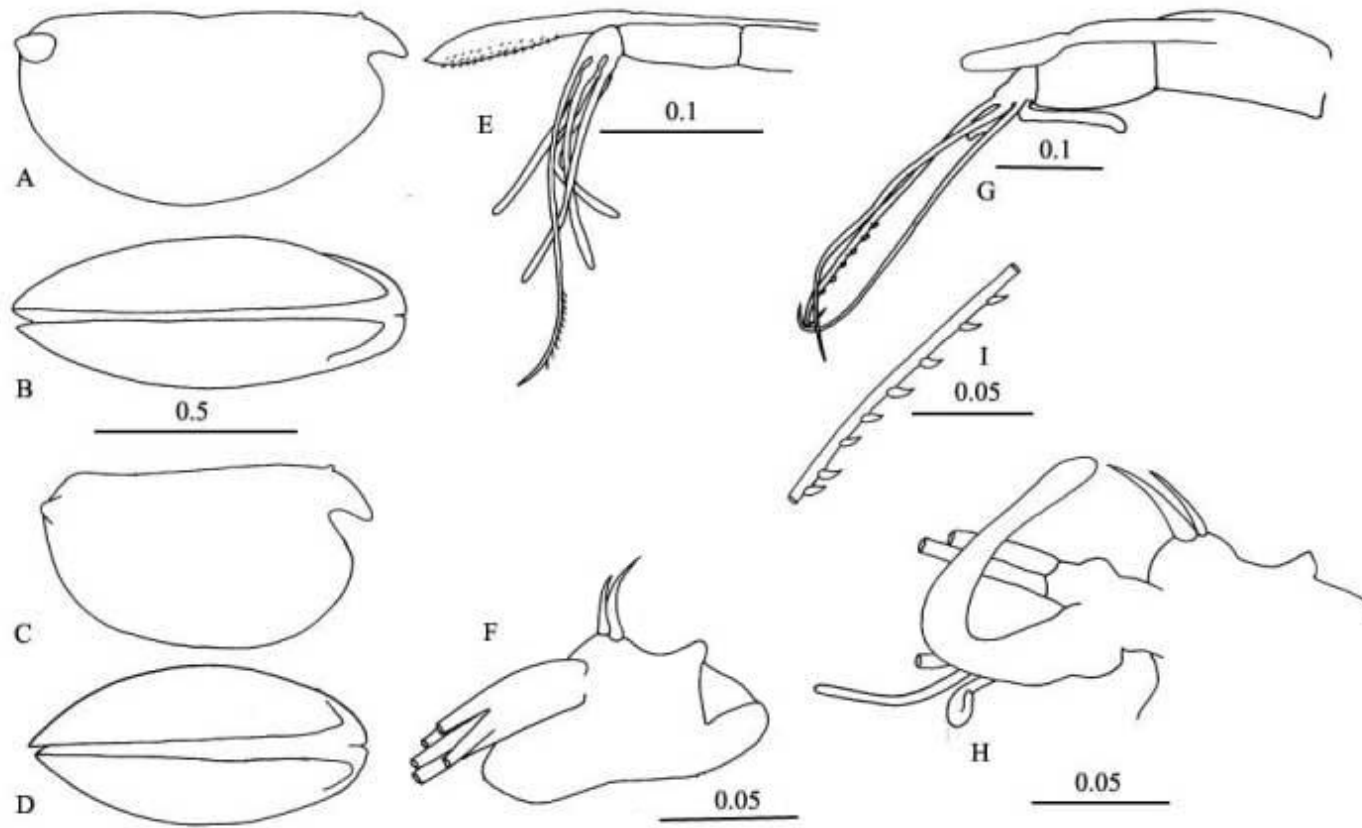


Austrinoecia isocheira



Key to drawings

Adult carapaces (A,B females, C,D males)

Details of the first antennae and frontal organs and the endopodite of the left second antennae of females (E and F) and males (G and H)

Details of the armature of the male first antenna setae (I)

Austrinoecia isocheira (Müller, G.W., 1906)

Records: 237

This species is endemic to the Southern Ocean, where it has been recorded as one of the most faithfully occurring species. It was initially described as a member of Müller's "rotundata group", and so was placed by Poulsen (1973) in the genus *Metaconchoecia*. Recognising that the genus *Metaconchoecia* was a very heterogeneous assemblage of species Chavtur and Angel (in press) have recently revised the genus, raising the old concept to that of a tribe, and subdividing the species between ten genera. This species is placed in its own monospecific genus, although superficially it resembles *Clausoecia pusilla*. It is almost entirely restricted to mesopelagic depths in all sectors south of the Subantarctic Front.

| | n | Mean mm | s.d. | Range mm |
|---------------|----------|----------------|-------------|-----------------|
| Female | 335 | 0.97 | 0.028 | 0.90-1.06 |
| Male | 169 | 0.81 | 0.020 | 0.76-0.86 |
| A-1 | 33 | 0.76 | 0.041 | 0.70-0.84 |
| A-2 | | | | |