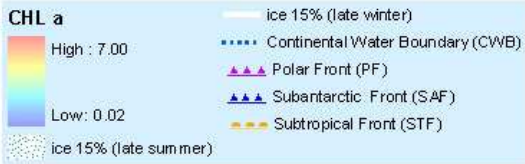
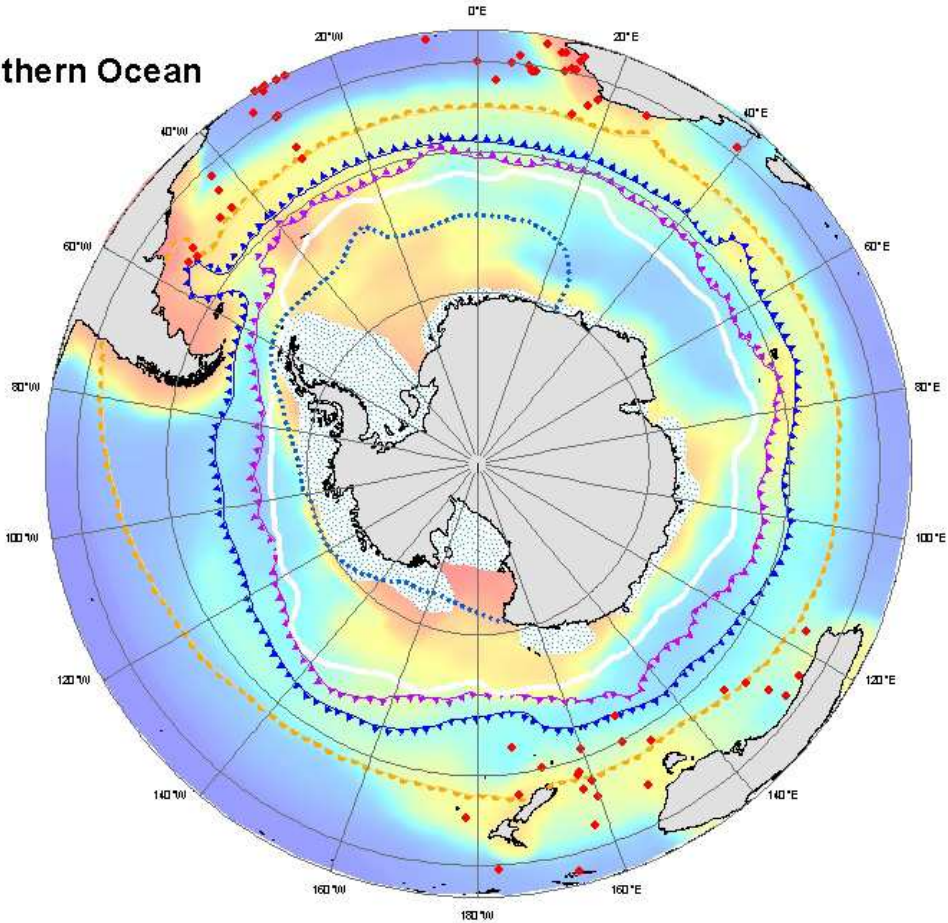
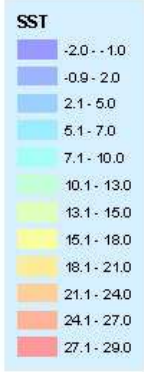
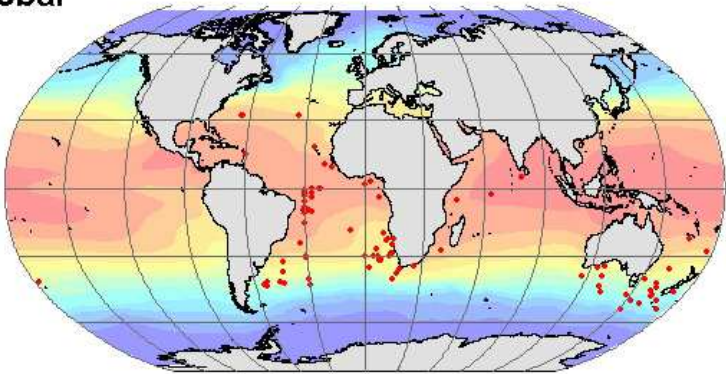


● *Nasoecia nasotuberculata*

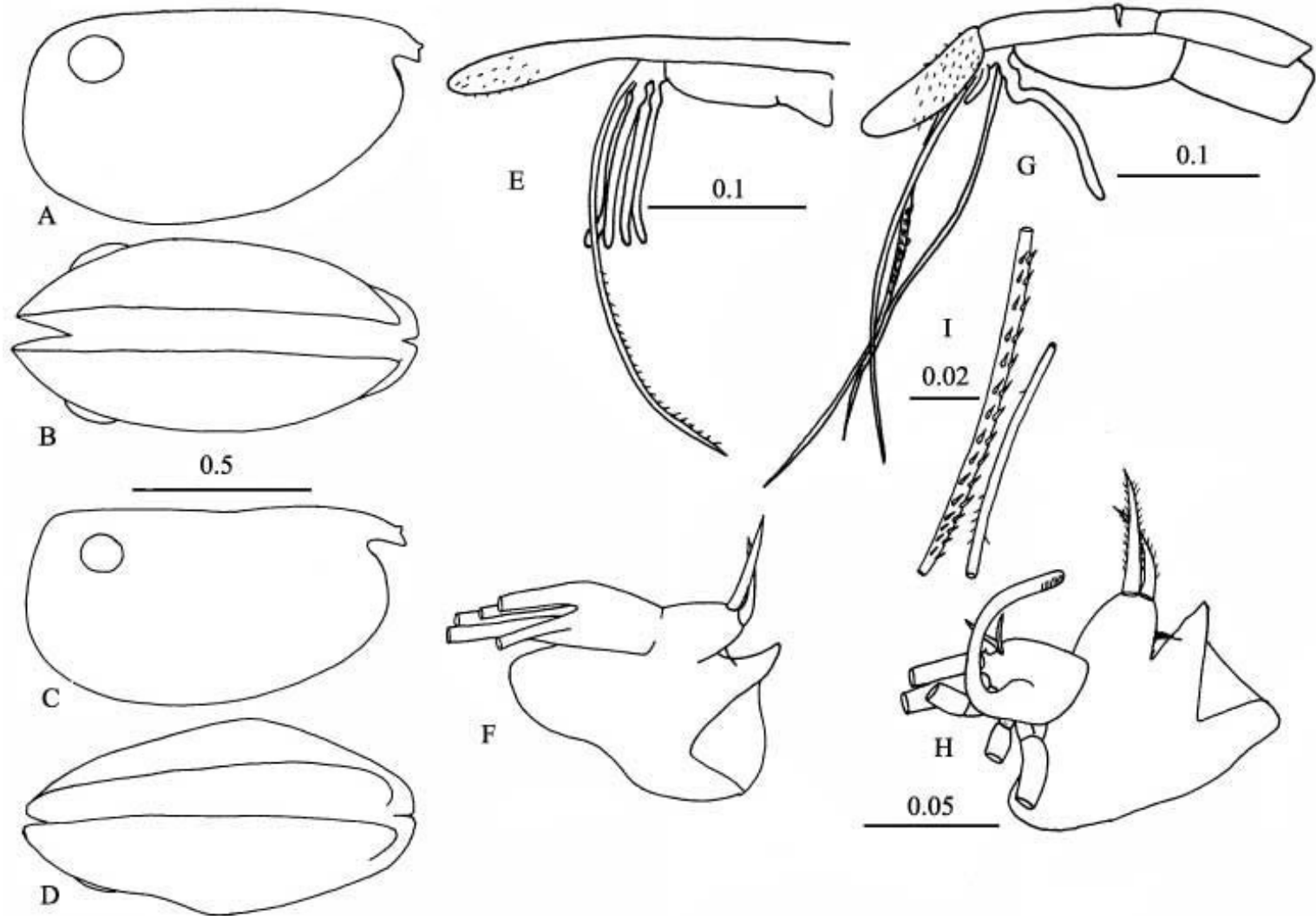
Southern Ocean



Global



Nasoecia nasotuberculata



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)

Nasoecia nasotuberculata (Müller, G.W., 1906)

Records: 142

This is a small shallow mesopelagic species that is characterized by its globular shape, the right asymmetrical gland opening very close to the tip of the rostrum, and the development of lateral tubercles at the posterior dorsal corner, particularly in the female. Even so, the mislabelling of Muller's (1906) original illustrations lead to its confusion with *M. kyrtophora* (Angel, 1981). Its apparent absence from some regions may be a result of this confusion. It was originally described as a *Conchoecia* species in Müller's 'rotundata group', and as such it was re-classified as a *Metaconchoecia* species by Poulsen (1973). Recently the genus *Metaconchoecia* has been substantially revised by Chavtur and Angel (in press). Recognizing that the old concept was very heterogeneous, while being clearly separated from other halocyprids by the locations of the symmetrical glands, they have established a tribe, the *Metaconchoeciinae*, and divided the species into ten genera, while still retaining the genus *Metaconchoecia*. The unique features of this species result in its classification in a new monospecific genus.

In the North Atlantic it seldom spreads north of 30°N, but in the South Atlantic it crosses the Subtropical Front, and to the south of Australia its range extends almost to the Subantarctic Front. Such a disjunct distribution suggests that this species should be further examined to see if there are cryptic species.

	n	Mean mm	s.d.	Range mm
Female	259	0.82	0.023	0.76-0.88
Male	212	0.82	0.021	0.74-0.86
A-1	139	0.68	0.022	0.64-0.74
A-2				