

A. Carbonell, A. Dos Santos, F. Alemany and P. Vélez-Belchi (2010). [Larvae of the red shrimp *Aristeus antennatus* \(Decapoda: Dendrobranchiata: Aristeidae\) in the Balearic Sea: new occurrences fifty years later.](#)

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Abstract: Larval stages of protozoeas II and III and zoea I of *Aristeus antennatus* were found in low numbers near the red shrimp fishing grounds off the Balearic Islands. The discovery of the larvae in the upper water layers has led to a proposed model of reproductive dynamics, in which newly hatched larvae perform an ontogenetic migration up through the water column to surface waters, where the larval stages develop. Data on the horizontal distribution of larvae presented, can contribute to an understanding of the dynamics processes of larval dispersal of the zoeal stages.

Keywords: shrimp fisheries; *Aristeus antennatus*; larvae; meroplankton; north-western Mediterranean