

{rokbox title=|Primer estadio larvario de la cigarra de mar *Scyllarides latus* :: Foto: Asvín P. Torres (COB-IEO)|
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Asvin P. Torres, Antonina Dos Santos, **Francisco Alemany** and **Enric Massutí**, (2013). [Larval stages of crustacean species of interest for conservation and fishing exploitation in the western Mediterranean](#)
. Scientia Marina, 77(1): 149-160.

Abstract: Decapod crustaceans are the main target species of deep water bottom trawl fisheries in the western Mediterranean. Despite their importance for fisheries and conservation, little is known about their larval development, especially in the case of deep water species. In this paper we present new information on the occurrence and morphology of larval stages for some species of commercial interest based on samples collected off the Balearic Islands. Mesozooplankton sampling was carried out using depth-stratified sampling devices at two stations located on the continental shelf break and middle slope, in the northwest and south of Mallorca in late autumn 2009 and summer 2010. We describe in detail the second mysis stage of the red shrimp *Aristeus antennatus*, not previously known, and the first larval stage of the slipper lobster *Scyllarides latus*, poorly described almost a hundred years ago. We also report the second finding of larvae of the spider crab *Maja squinado* and the first capture from the field of larval stages of the rose shrimp *Parapenaeus longirostris* and slipper lobster in the Mediterranean.

Keywords: *Aristeus antennatus*, *Parapenaeus longirostris*, *Scyllarides latus*, *Maja squinado*, larval stages, Decapoda, western Mediterranean.