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**Elena MARCO-HERRERO, Sergio RAMÍREZ-AMARO, Julio A. DÍAZ, Francesc ORDINES
and Enric MASSUTÍ, 2023. [A new host record for the pea crab *Pinnotheres pisum*
\(Linnaeus, 1767\) \(Decapoda: Pinnotheridae\) in the western Mediterranean, with an
update on host species](#)**

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Abstract: *Pinnotheres pisum* (Linnaeus, 1767) is one of the pinnotherid crab species with the highest number of reported bivalve hosts. Here we first report this species living in the bivalve *Glossus humanus* (Linnaeus, 1758), and provide an update on *P. pisum* symbiotic associations (i.e., known hosts), reaching up to 34 taxa. Partial sequences of the mitochondrial gene cytochrome c oxidase subunit I were first obtained from *P. pisum* and the *G. humanus* host from the Mediterranean Sea, confirming conspecificity with specimens from the Atlantic Ocean of the same species.

Keywords: Bivalvia, Brachyura, DNA barcoding, Heart cockle, Pea crab, Symbiont