

LIFE PINNARCA

LIFE NAT/ES/001265



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TITLE: REPORT OF RECRUITED FAN MUSSELS IN 2024

ACTION C1: INSTALLATION OF LARVAL COLLECTORS

V2 30/12/2024



RESPONSIBLE

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Abstract

Monitoring recruitment of populations of sessile bivalves with pelagic larvae is a powerful tool to detect the presence of healthy, reproductive adult populations. It also is an indicator for the natural recovery potential of the species and reduces efforts when searching for newly recruited individuals as the collector bags concentrate the larval potential and reduce mortality associated with benthic populations.

Here we report the recruitment of *Pinna* sp. larvae in collectors of the LIFE PINNARCA network in the third year (2024). We briefly discuss the influence of collector design on the results, based on the data reported in previous deliverables and compare recruitment from this year with previous years.

In summary, there is very little recruitment of *Pinna nobilis*, with the few sites where recruitment is still observed located in the eastern part of Mediterranean in partly enclosed sites and no recruitment in completely open water.