

LIFE PINNARCA

LIFE NAT/ES/001265



DELIVERABLE DC1.1

REPORT OF RECRUITED FAN MUSSELS IN 2022



RESPONSIBLE

PARTICIPANT 1
PARTICIPANT 2
PARTICIPANT 3
PARTICIPANT 4
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PARTICIPANT 6

CSIC-IMEDEA

CSIC-IEO
IMEDMAR-UCV
UA
IOPR
UAEGEAN
IRTA

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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 total 100 individual sites had collector lines with 1 or several collector bags. Of the 78 lines harvested, 5 contained *Pinna sp.* recruits, with 2 lines positive for *Pinna nobilis*. Between 0.5 and 1.5 individuals were found per collector bag, which is low compared to historical pre-mortality recruitment.