

# Beara Sound

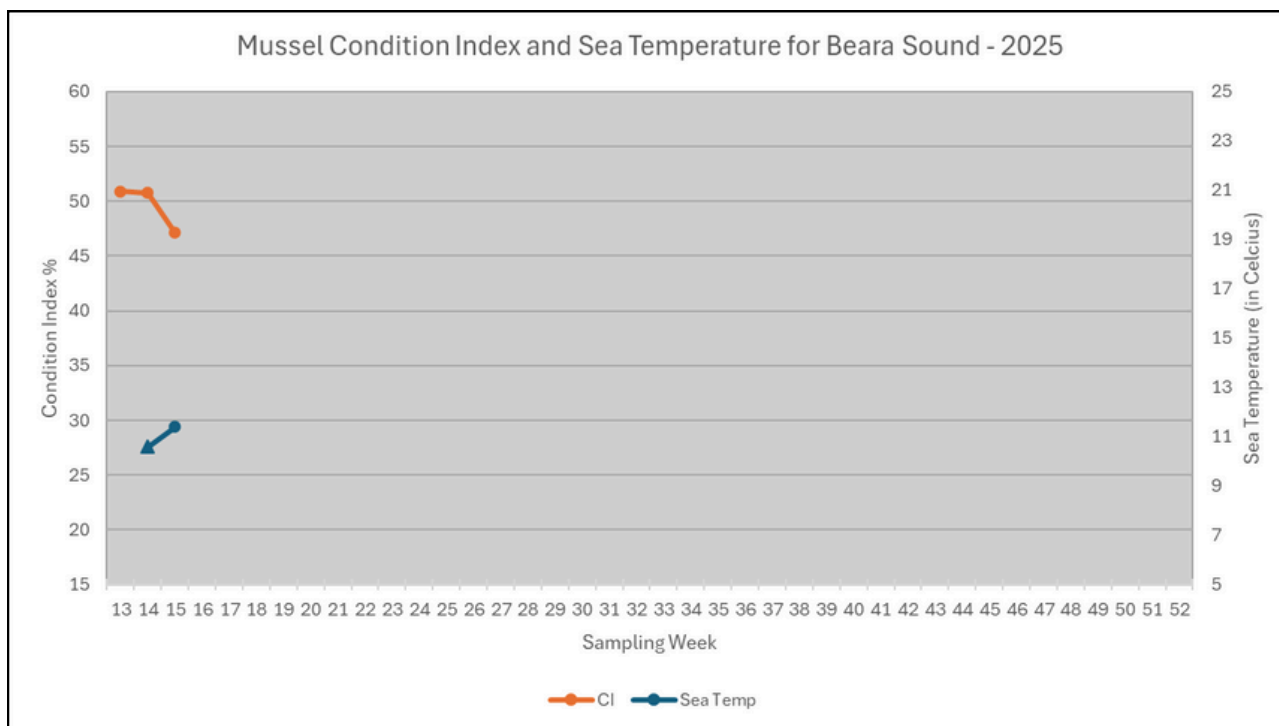
## Southwest Mussel Larvae sampling

11<sup>th</sup> April 2025

Week 15 (07/04/2025 to  
13/04/2025)

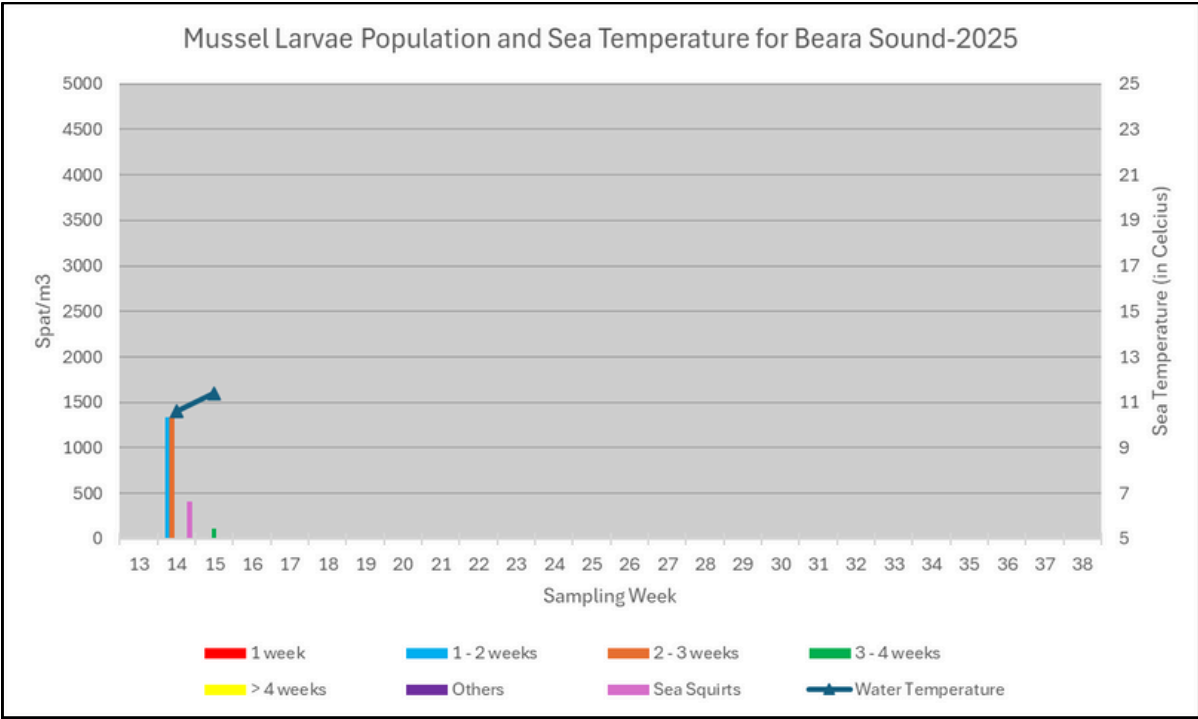


## Condition Index (CI) for Beara Sound



# Larvae population evolution for Beara Sound

For each sample, mussel larvae are classed by age: 1 week old, 1 to 2 weeks old, 2 to 3 weeks old, 3 to 4 weeks old, over 4 weeks old and others (younger or older).



## Commentary

The mussel Condition Index (CI) has dropped by 3.6 % from the previous week, which could indicate the beginning of possible spawning event. The sea temperature has increased by 0.8°C, reaching 11.4°C.

The larvae sample for Week 15 presents low levels of 3 to 4 weeks old larvae (106 spat/m³). Although no sea squirts were found in the sample, last week's figures are now included in the graph above. As for other sampling sites, the Beara sample presented a high bloom of *Phaeocystis*, while *Coscinodiscus* and *Thalassiosira* sp were in low concentrations.

From the sample content, no short-term settlement (within 2 weeks) is to be expected in the area.

Considering the levels of *Phaeocystis* across the sampling stations and the recent spawning, it would be advisable to limit stress levels on adult mussels.

Starting on Week 16, additional phytoplankton samples will also be collected (1 per bay). Results will also be communicated on the weekly bulletins.

