

# Beara Sound

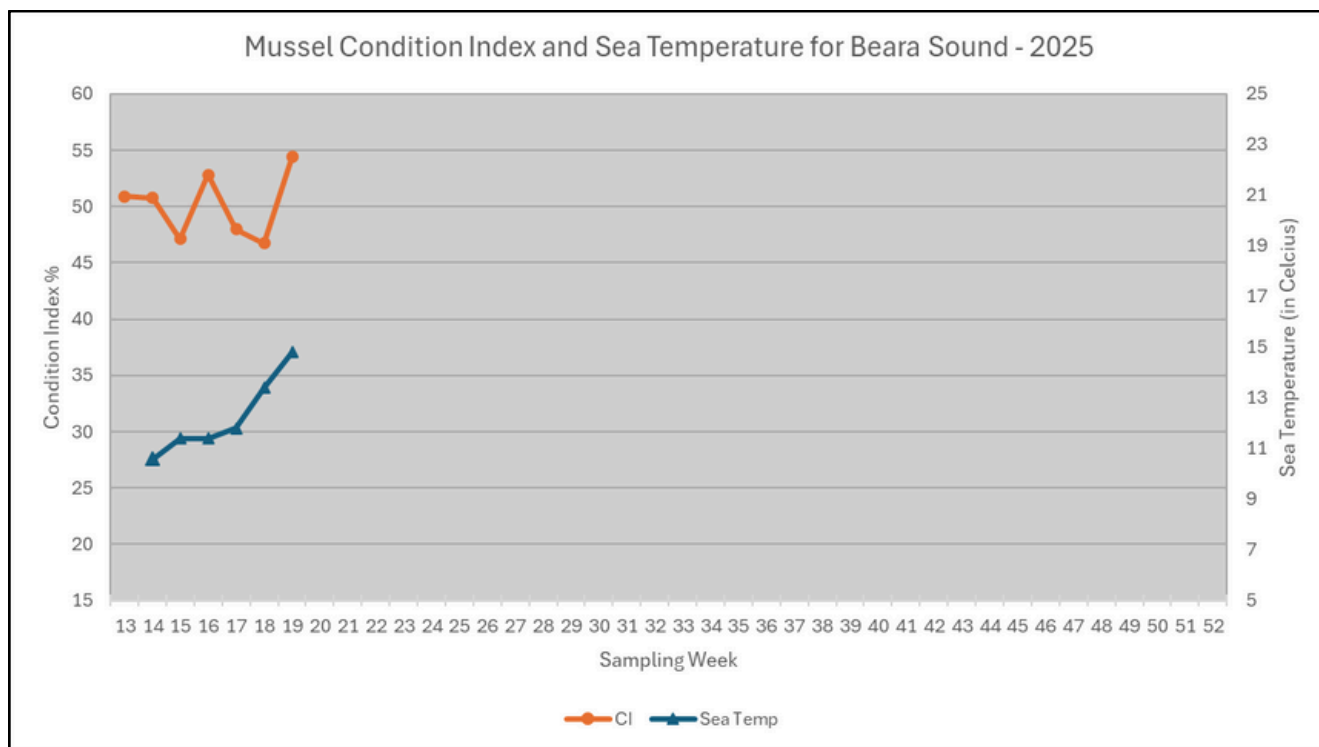
## Southwest Mussel Larvae sampling

12<sup>th</sup> May 2025

Week 19 (05/05/2025 to  
11/05/2025)

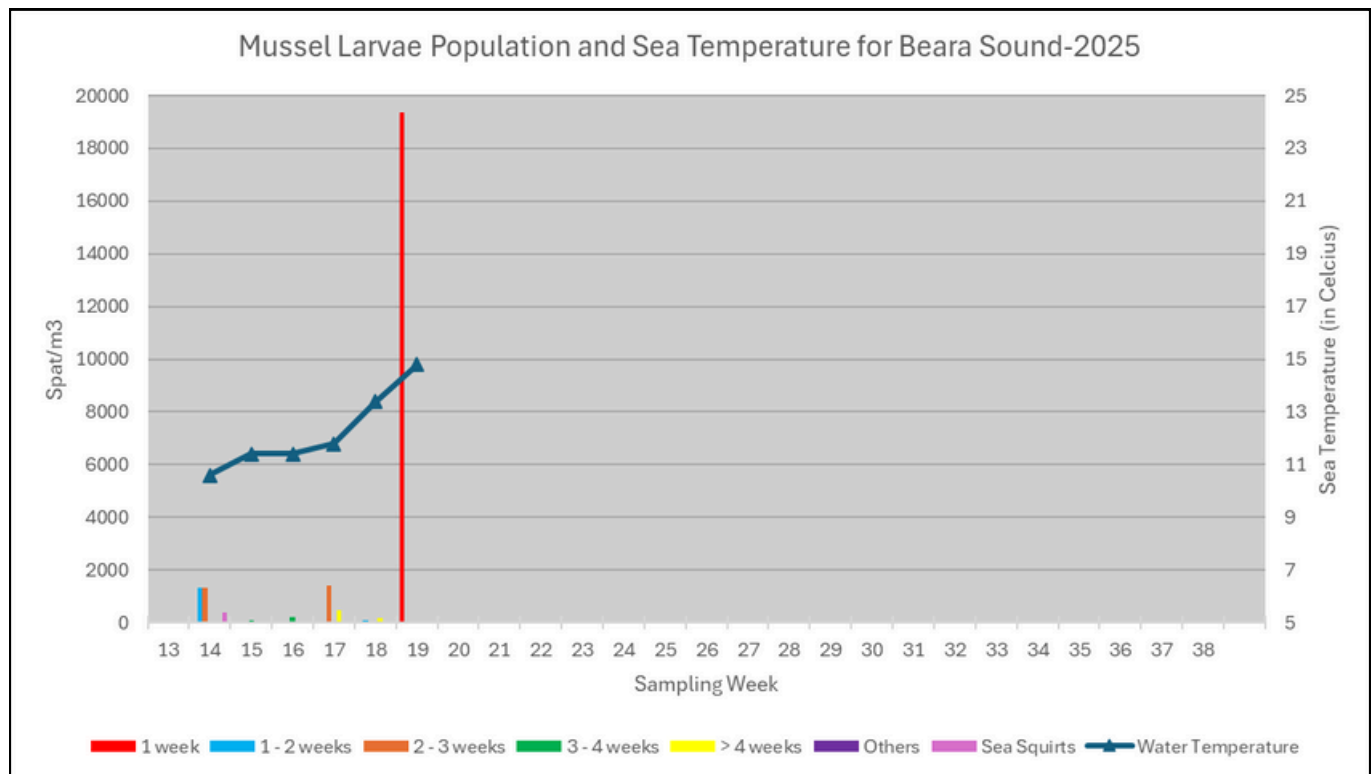


## Condition Index (CI) for Beara Sound



# 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) increased significantly from Week 18 (up by 7.65 % to 54.4 %). The sea temperature increased by 1.4°C to 14.8°C.

A very quantity of larvae was observed in the sample: **19,368 spat/m<sup>3</sup> of 0 to 1 week old larvae**. Those appears to be unrelated to the CI fluctuations observed in the above graph.

The concentrations of copepods, potential eggs and a second larvae species were high. The sample also presented high levels of *Pseudo-Nitzschia seriata* and *delicatissima*, *Chaetoceros* sp. and *Phaeocystis*.

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

