

Beara Sound

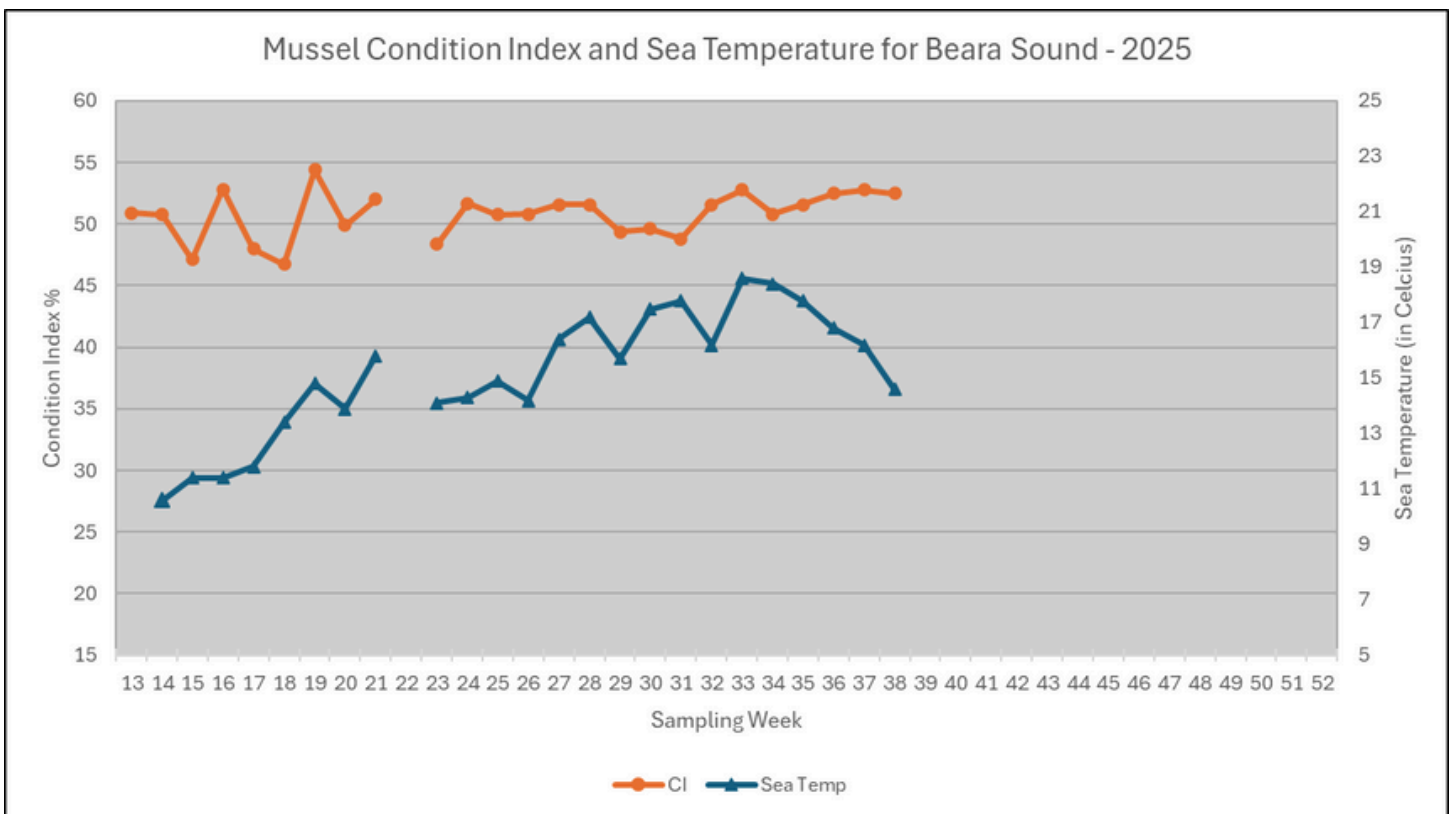
Southwest Mussel Larvae sampling

22nd September 2025

Week 38 (15/09/2025 to 21/09/2025)

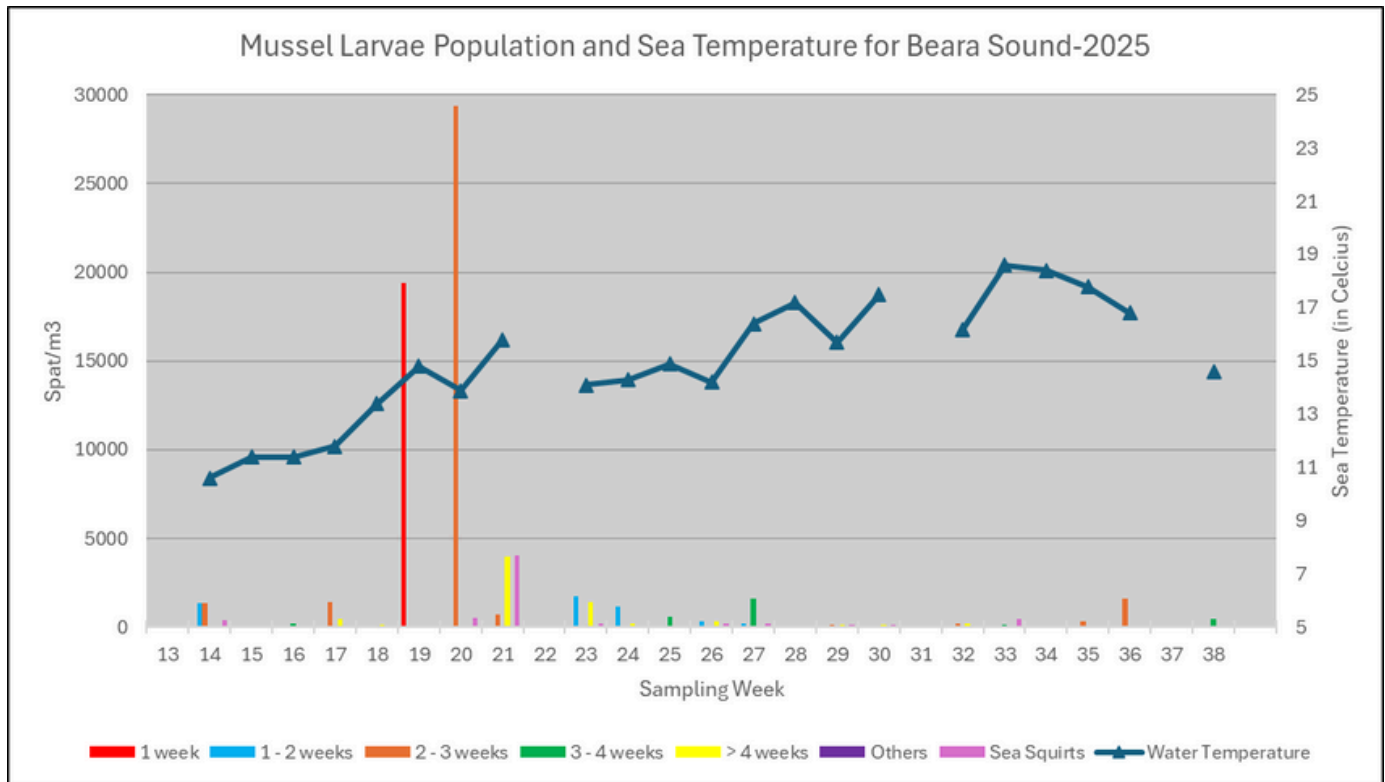


Condition Index (CI) for Beara Sound



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

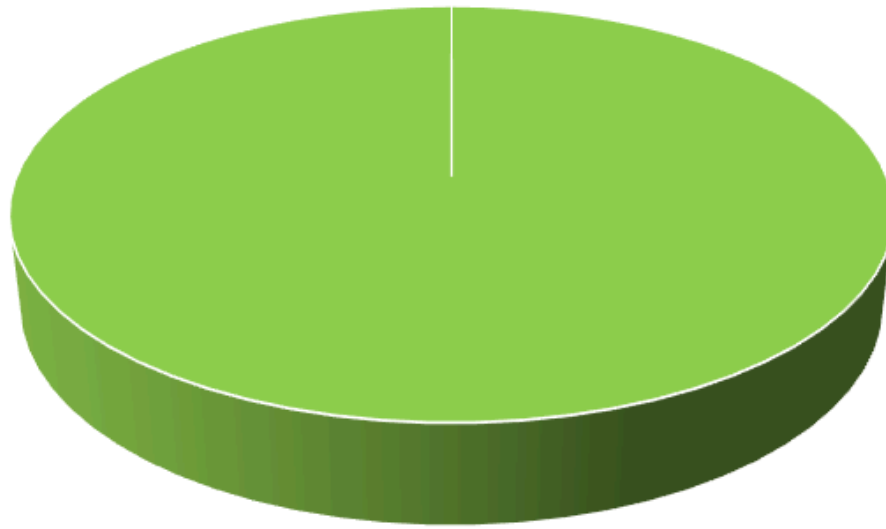
The Condition Index (CI) for the Beara station was stable on Week 38 at 52.5 % (-0.3 % from the previous week). The sea temperature decreased by 1.6°C from Week 37 to 14.6°C.

The larvae concentration in sample to 433 spat/m³ of 3 to 5 weeks old larvae. **Some further settlement should be expected in the next 2 weeks.**

There was no sea squirt observed in the sample. The sample presented high concentrations of copepods and a low concentration of a second species. The phytoplankton biomass in the sample was high dominated by Noctiluca and Rhizosolenia, while Chaetoceros Phaeo group was present in moderate levels.



Phytoplankton Distribution



■ Known ■ Potential ■ Dinoflagellate

The phytoplankton concentration significantly decreased in Week 38 to 61,720 cells per litre composed solely of known food source species.

