

Beara Sound

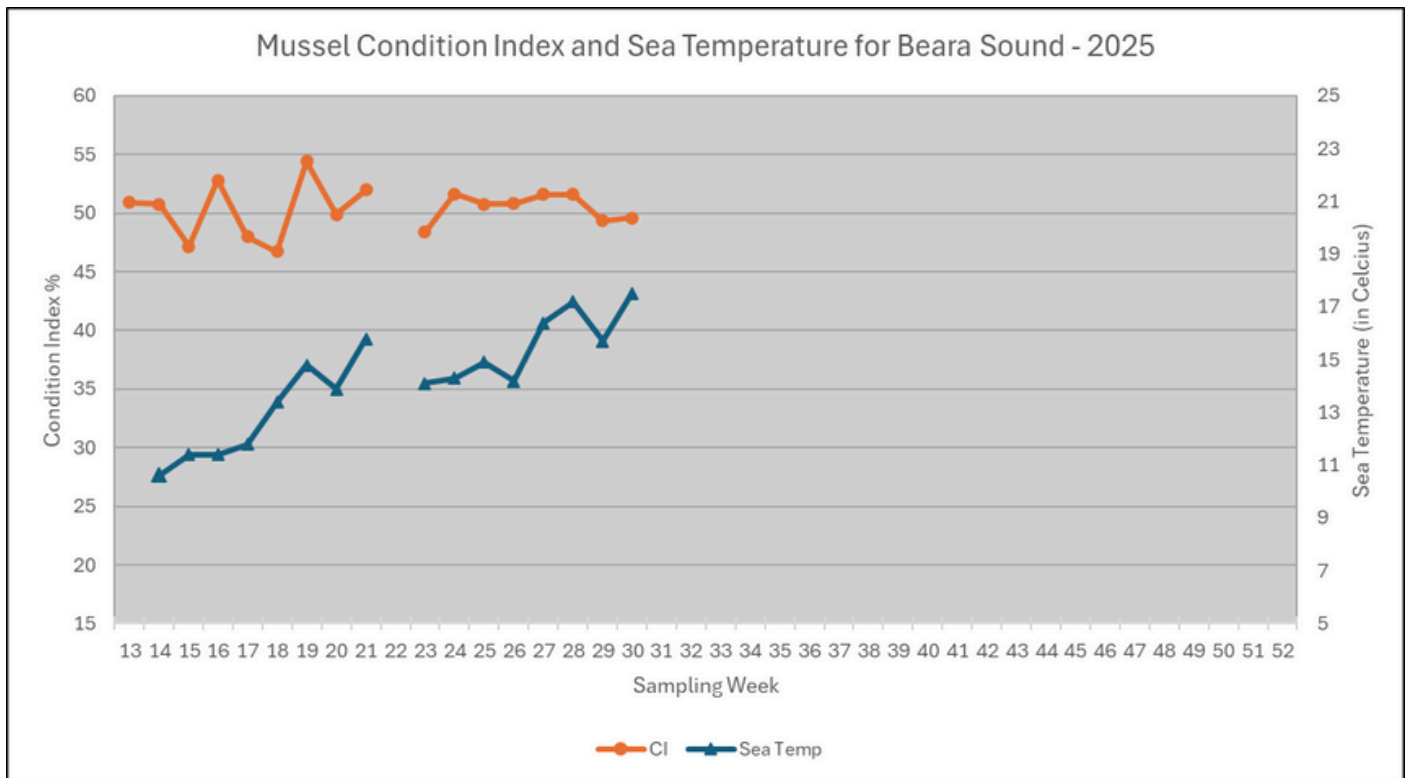
Southwest Mussel Larvae sampling

28th July 2025

Week 30 (21/07/2025 to 27/07/2025)

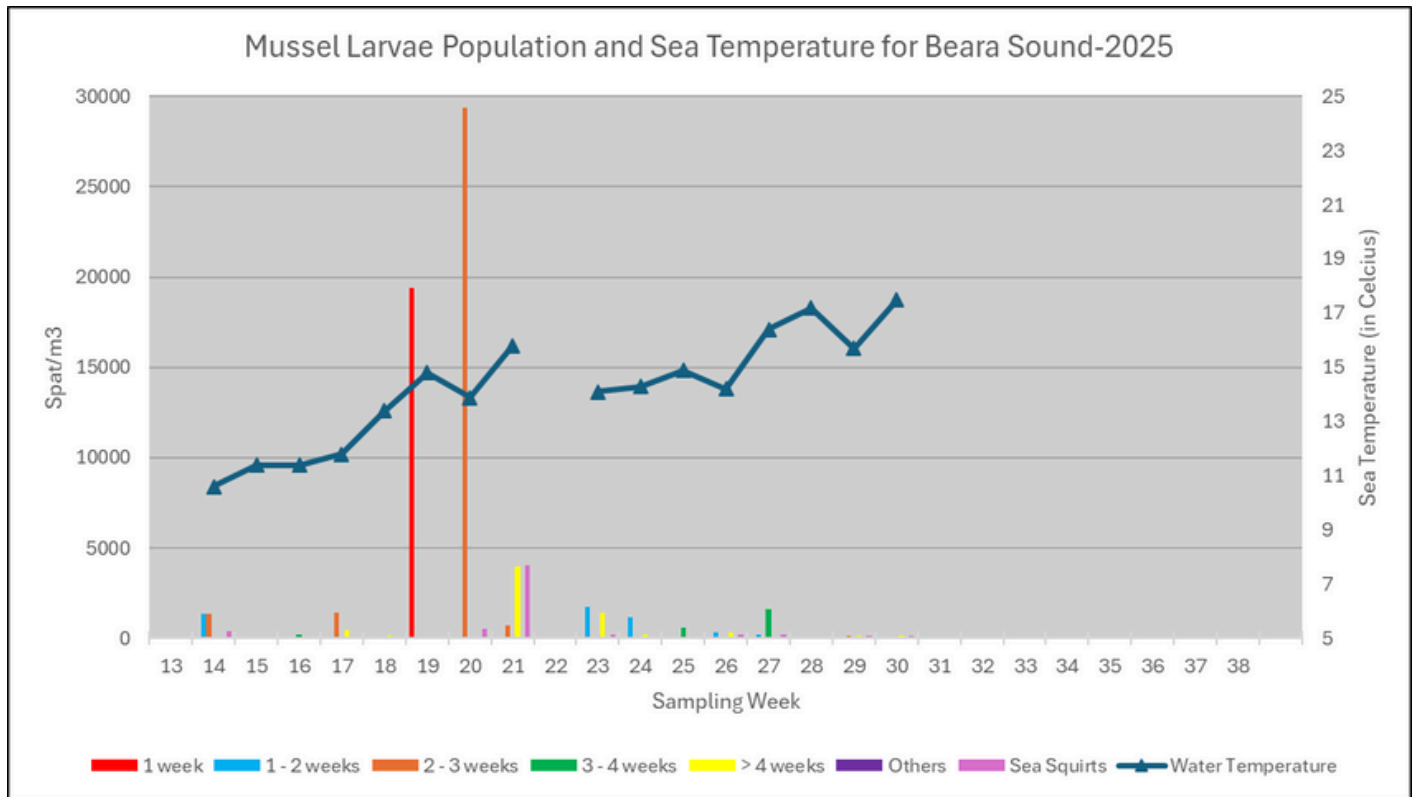


Condition Index (CI) for Beara Sound



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).



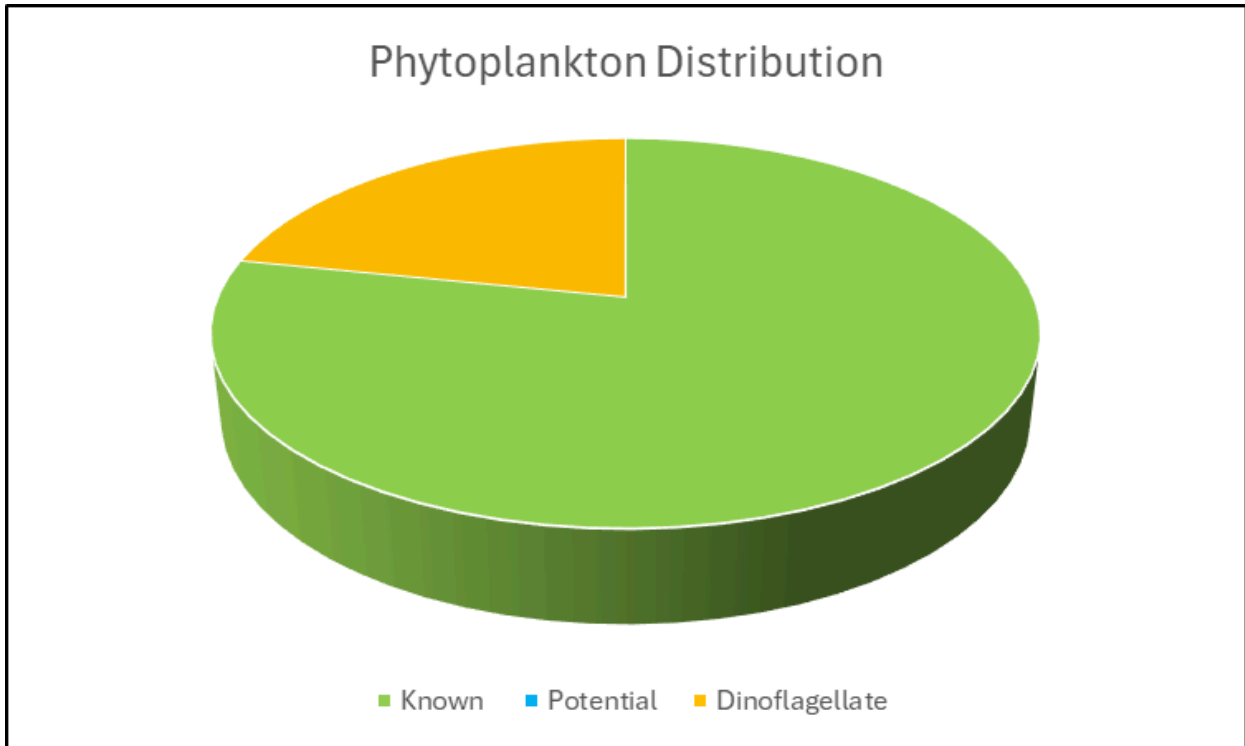
Commentary

The Condition Index (CI) for the Beara station is stable at 49.6 % (+0.2% only). The sea temperature increased to 17.5°C (+1.8°C from the previous week).

The larvae concentration in sample to 172 spat/m³ of 4 to 6 weeks old larvae. There has been a constant decrease in the larvae population since Week 27, which could indicate that the main settlement has occurred.

The concentration of sea squirt in the sample was 166 ind./m³ (stable from Week 29 at 156 ind./m³). The levels of copepods and a second bivalve species were low, and some debris were also present in the sample. The phytoplankton biomass was moderate with Ceratium dominant. K. mikimotoi was in low but significant concentration.





The phytoplankton concentration decreased in Week 30 to 3,120 cells/litre, dominated by known food source species (78%) and some dinoflagellate (22%).

