

Beara Sound

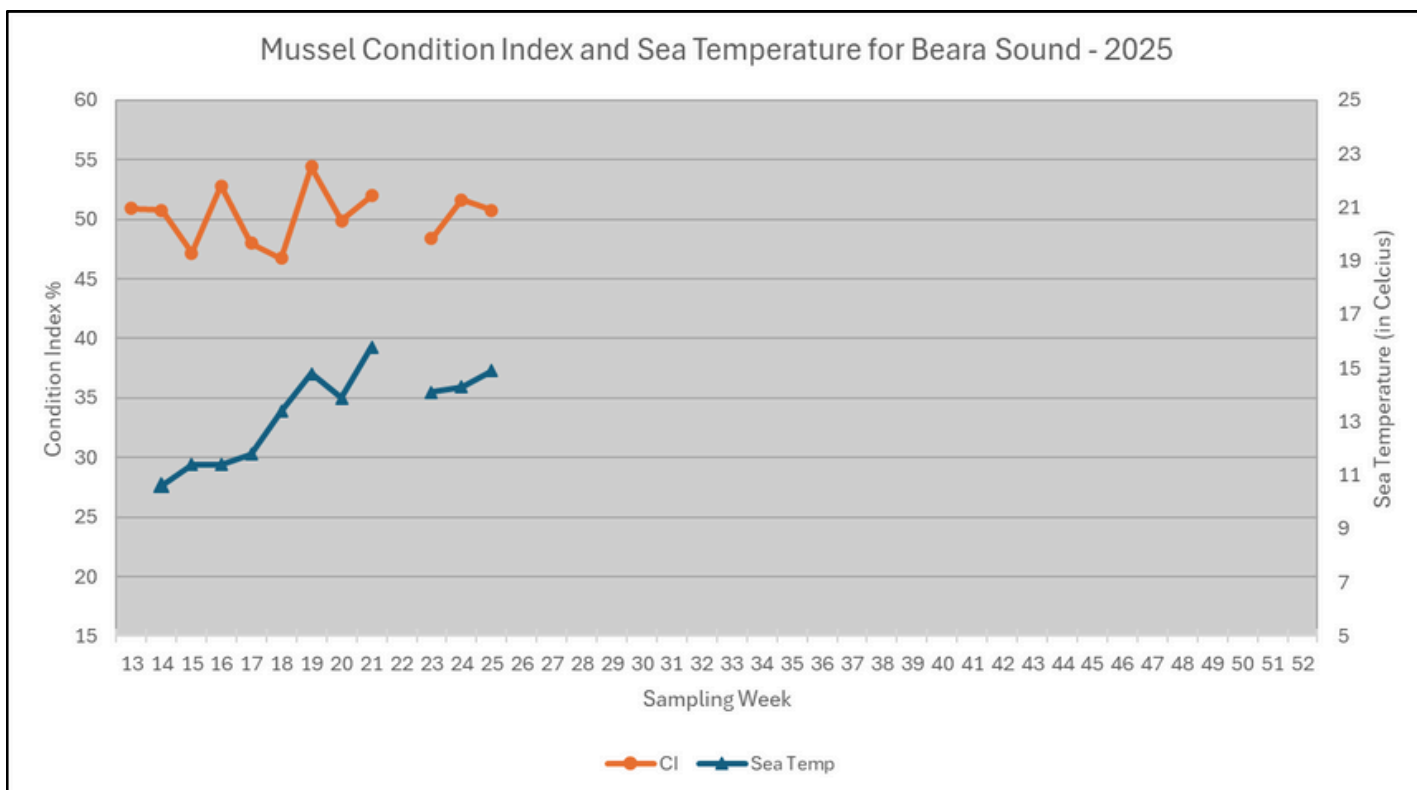
Southwest Mussel Larvae sampling

23rd June 2025

Week 25 (16/06/2025 to 22/06/2025)

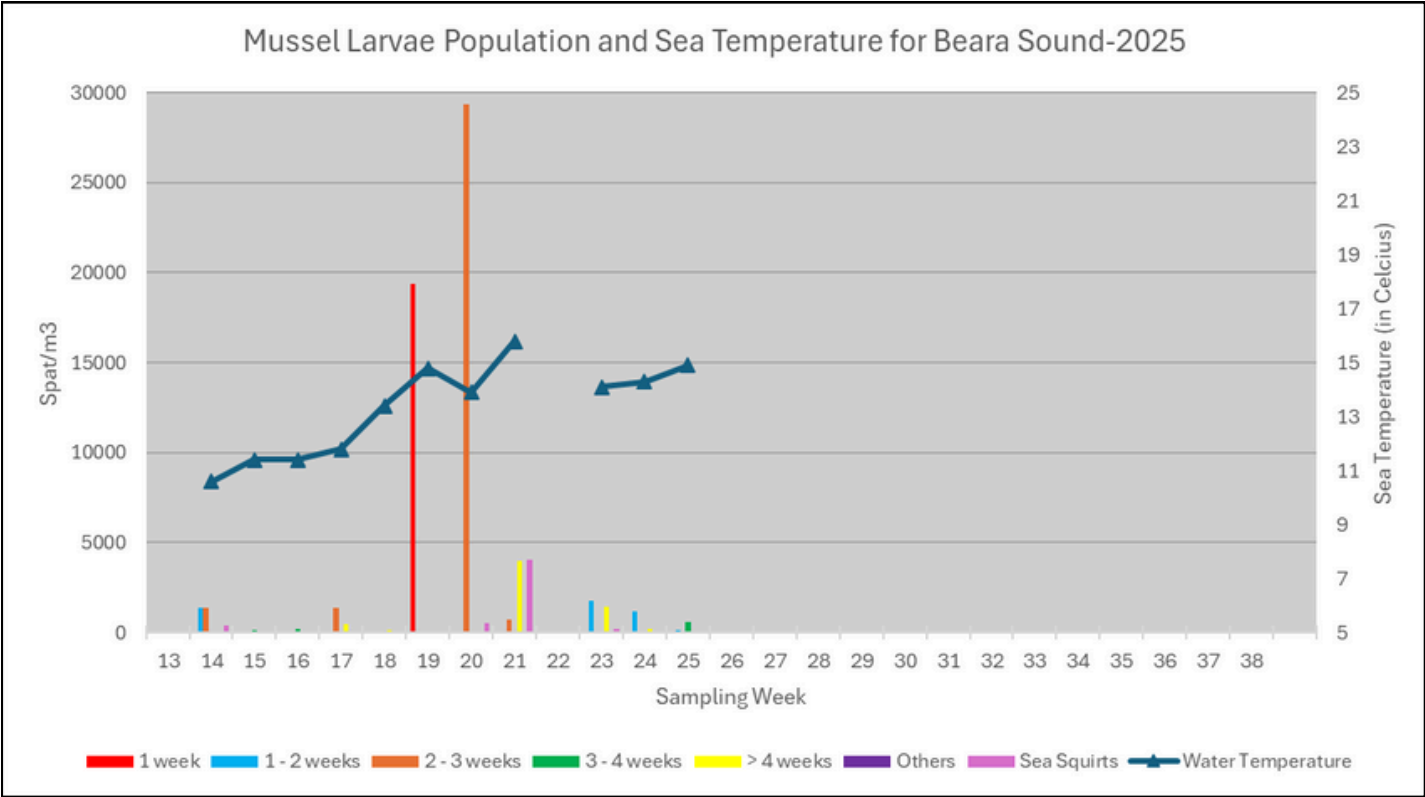


Condition Index (CI) for Beara Sound



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).



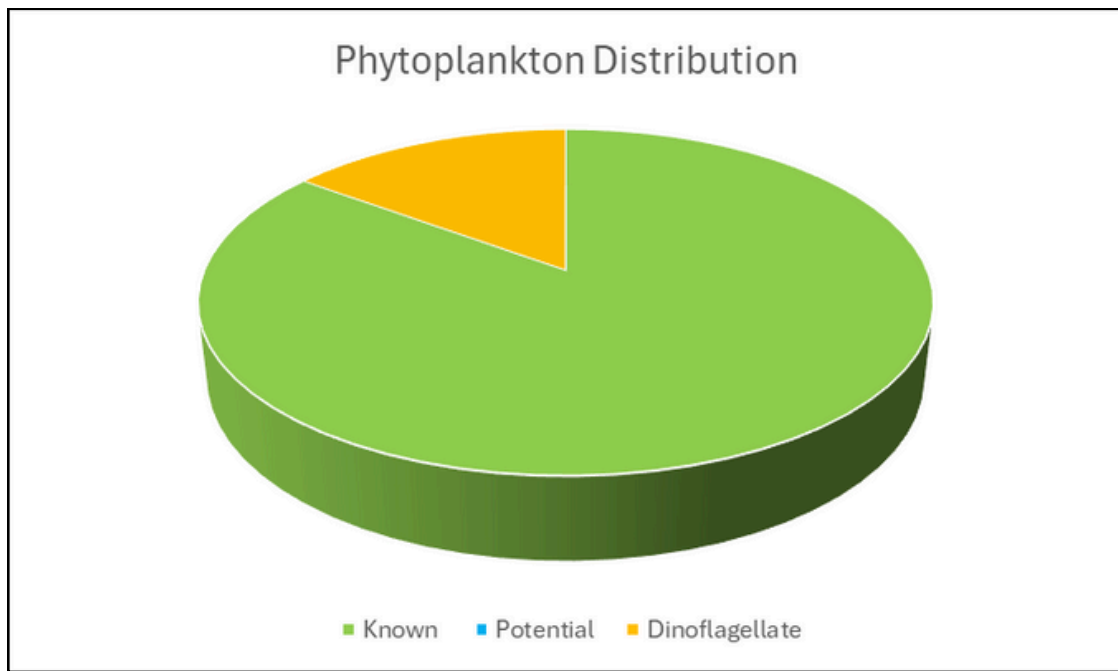
Commentary

There was a small increase of the condition Index (CI) (down by 0.87% to 50.79%).
The sea temperature also increased slightly to 14.9°C (+0.6°C).

The sample indicated a significant concentration (695 spat/m³) composed at 85% of 3 to 5 weeks old larvae and 15% of 1 to 3 weeks old. **This could indicate further settlement in the next 1 to 2 weeks.**

The levels of sea squirts were low with only 71 ind./m³ and very low levels of copepods. The phytoplankton levels were moderate with Chaetoceros and C. fusus being dominant.





The phytoplankton biomass decreased to 62,240 cells per litre composed at 85% of known food source and 15% of dinoflagellate

