

Kilmakilloge Harbour

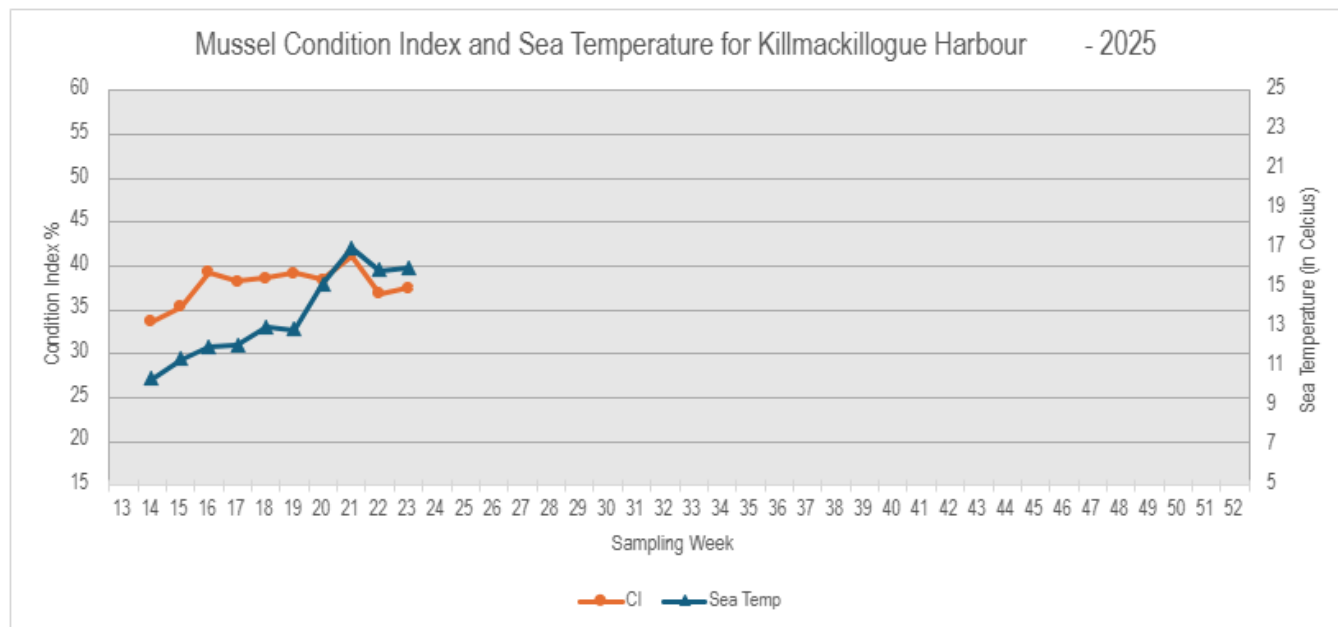
Southwest Mussel Larvae sampling

9th June 2025

Week 23 (2/06/2025 to 8/06/2025)

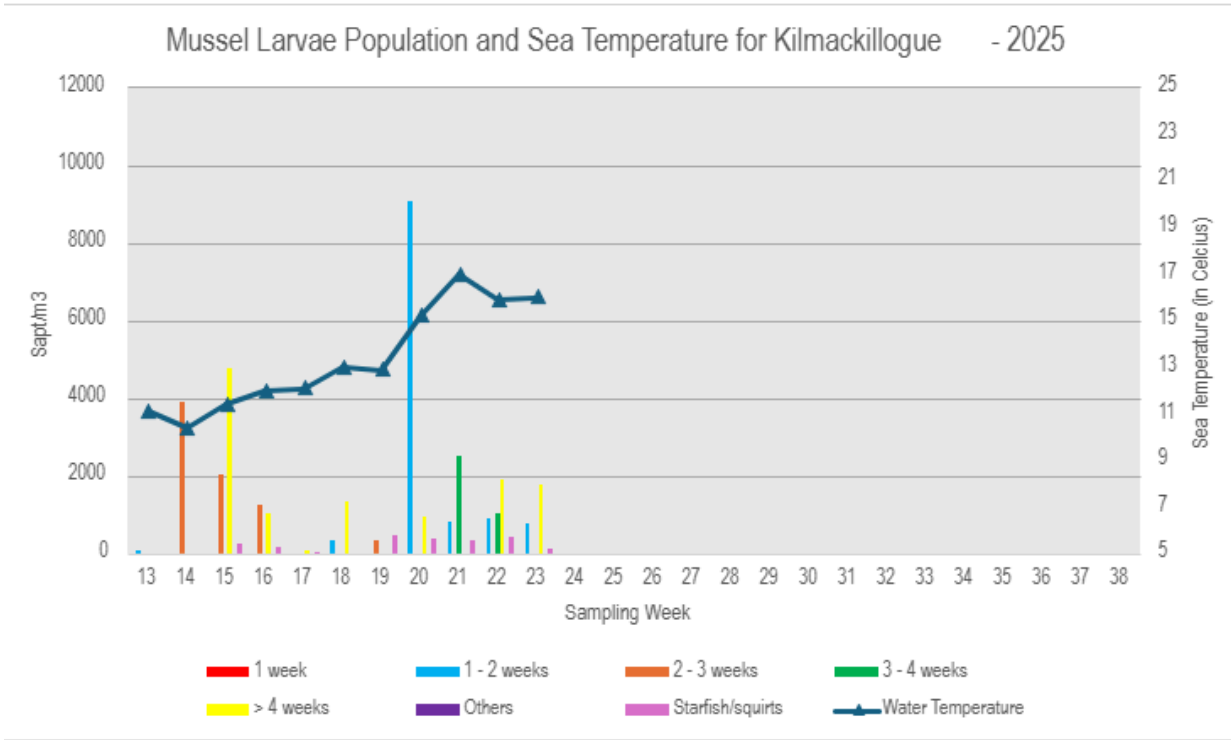


Condition Index (CI) for Kilmakilloge Harbour



Larvae population evolution for Kilmackilloge Harbour

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

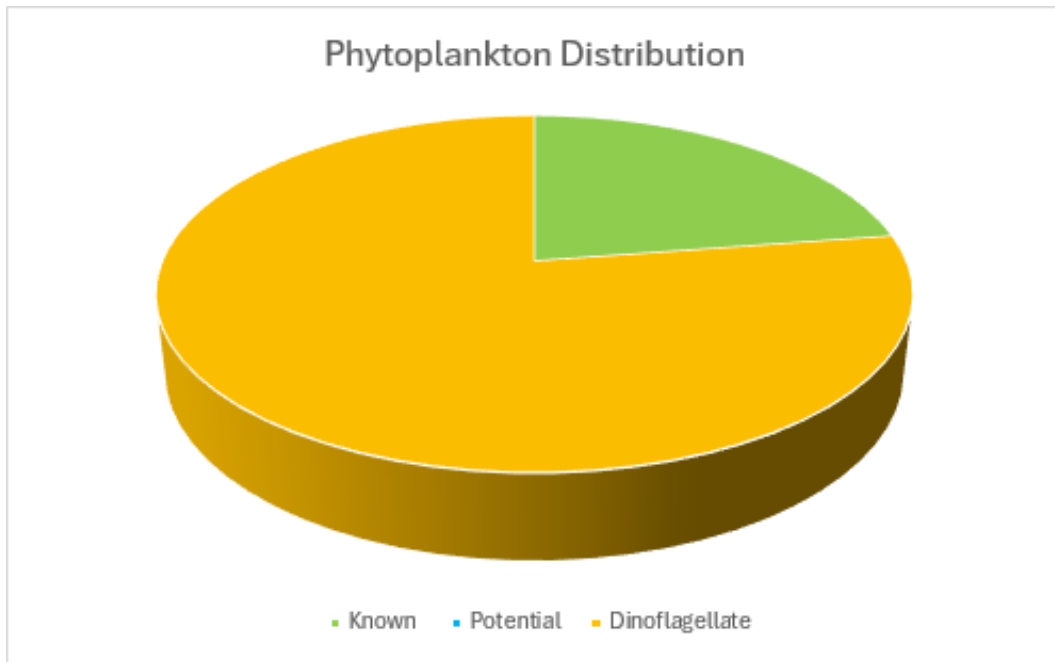
The Condition Index (CI) and temperature remained fairly stable in Week 23 (down to 36.9%). The sea temperature decreased slightly to 16°C (up 0.1°C).

The larvae concentration decreased (to 2,554 spat/m³). The distribution through the age class was as follows: 30% of 1 to 2 weeks old and 70% of >4 weeks old.

There was a decrease in the number of sea squirt larvae (to 131 ind./m³).

Rhizosolenia and Chaetoceros species dominant, at moderate levels. Seamatting and Crab low. The sample also presented high levels of copepods and Chaetoceros sp.





The phytoplankton concentration decreased to 9,200 cells/litre, dominated by dinoflagellate at 77% and known food source species at 23%.

