

Kilmakilloge Harbour

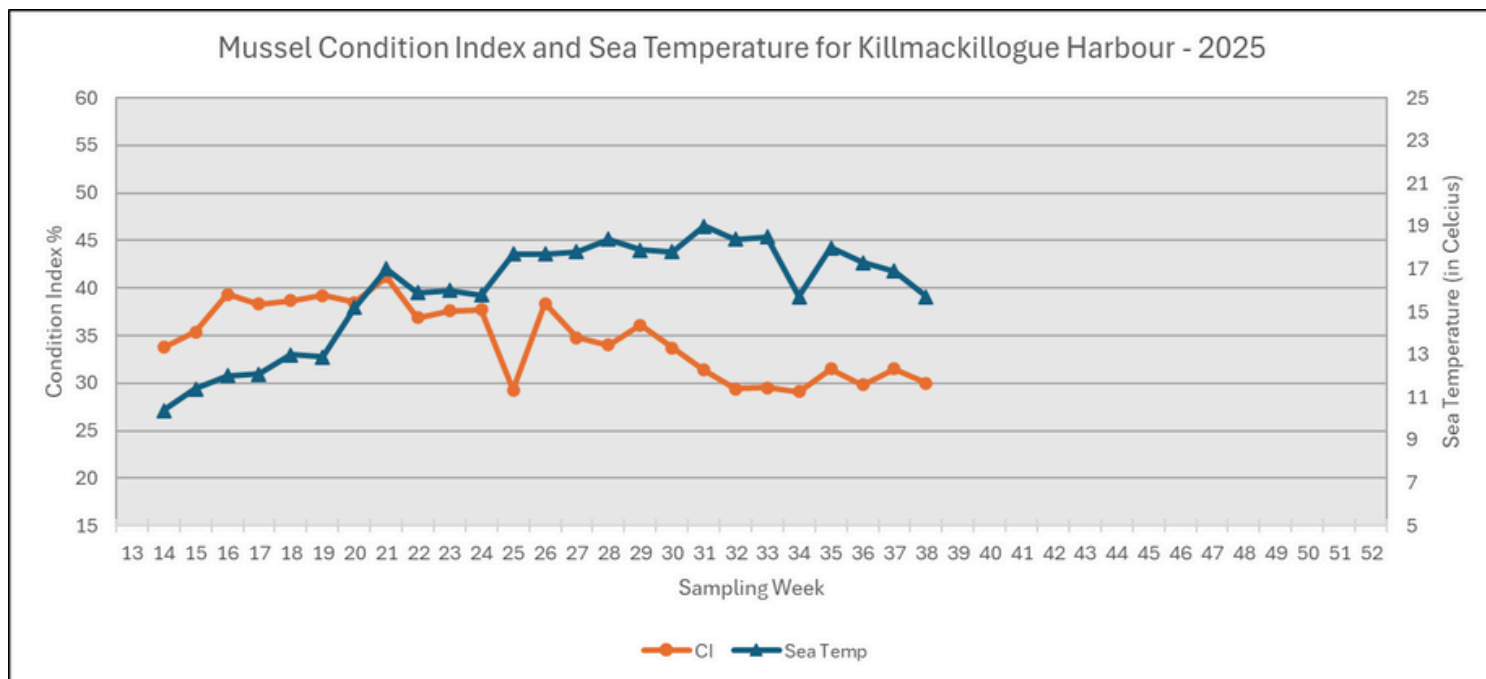
Southwest Mussel Larvae sampling

22nd September 2025

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

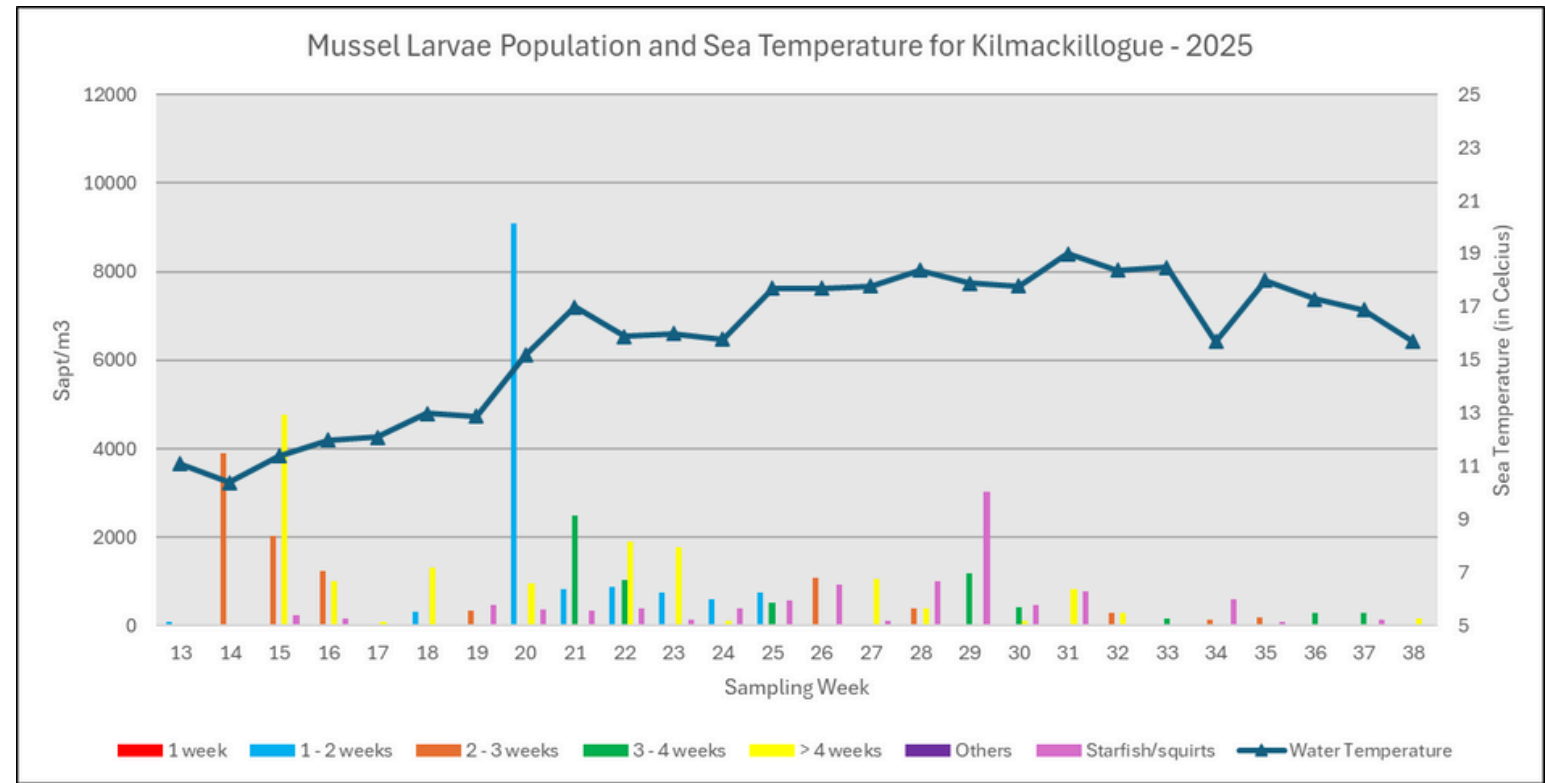


Condition Index (CI) for Kilmakilloge Harbour



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).



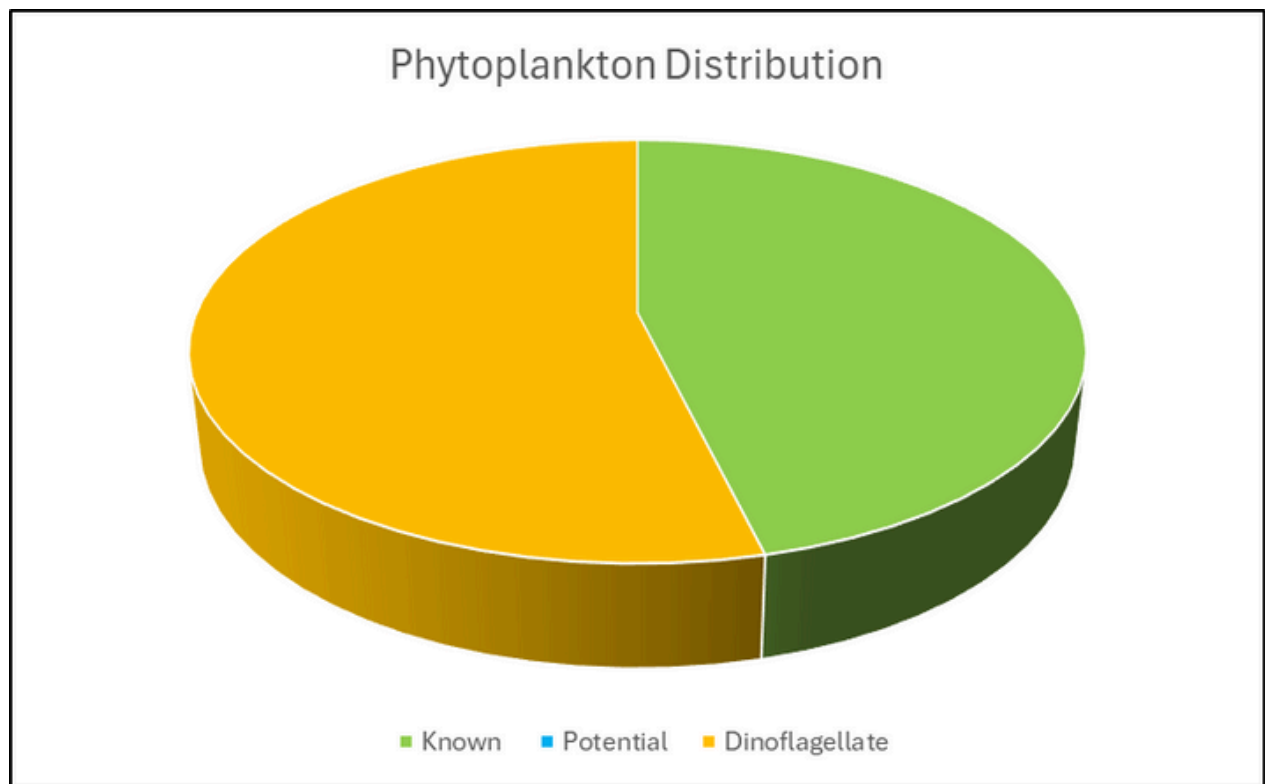
Commentary

The Condition Index (CI) decreased slightly on Week 38 (down by 1.5% to 30%). The sea temperature decreased again to 15.7°C (-1.2°C from Week 37).

As per Week 37, the larvae concentration in the sample was 166 spat/m³ composed of 4 to 6 weeks old larvae. **Some partial settlement could be expected in the next 1 to 2 weeks.**

There was no sea squirt observed in the sample. The sample presented moderate levels of tubeworms and a low level of copepods. High organic debris were also observed in the sample. High concentrations of Coscinodiscus were found in the sample as well as seaweed plantlets.





The phytoplankton concentration dropped significantly in Week 38 to 8,920 cells/litre, divided between dinoflagellate (54%) and known food source species (46%).

