

Kilmakilloge Harbour

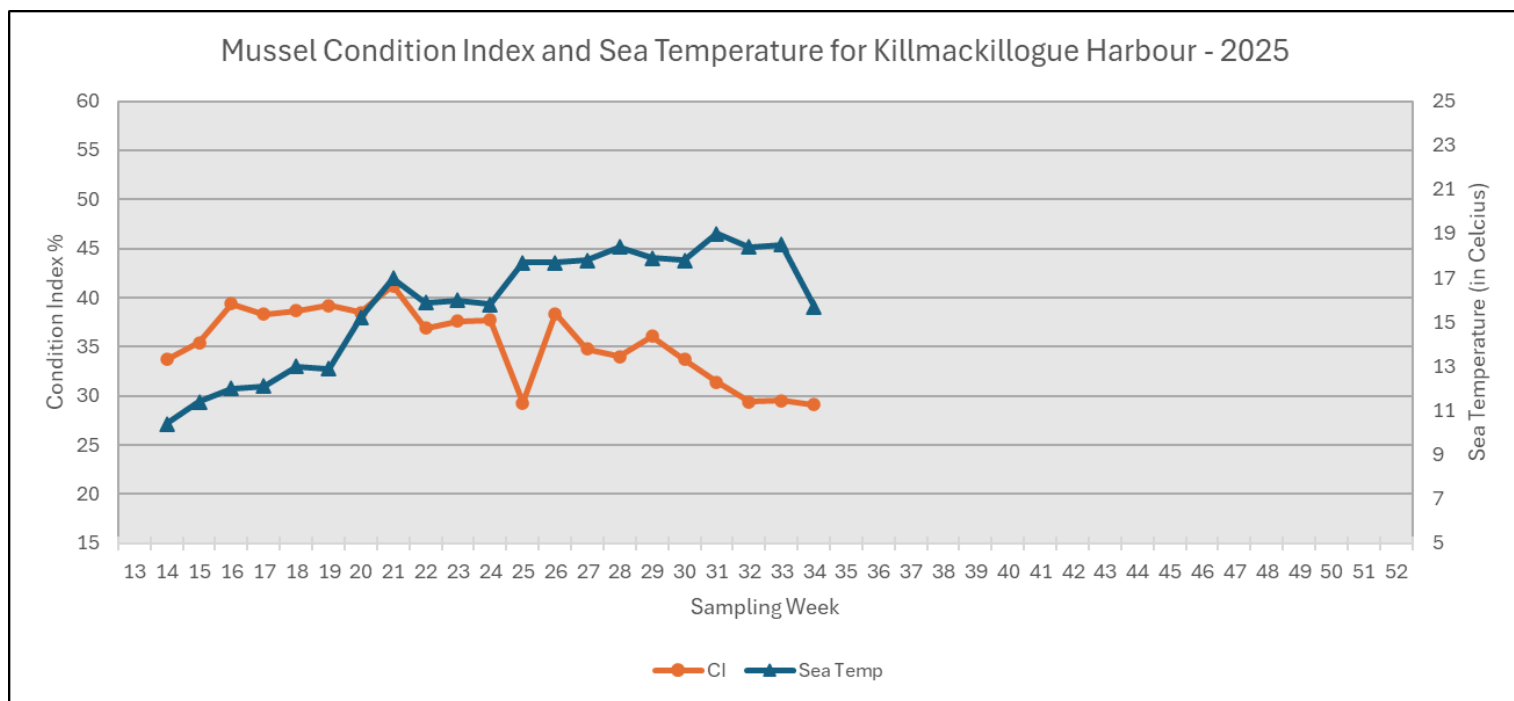
Southwest Mussel Larvae sampling

25th August 2025

Week 34 (18/08/2025 to 24/08/2025)

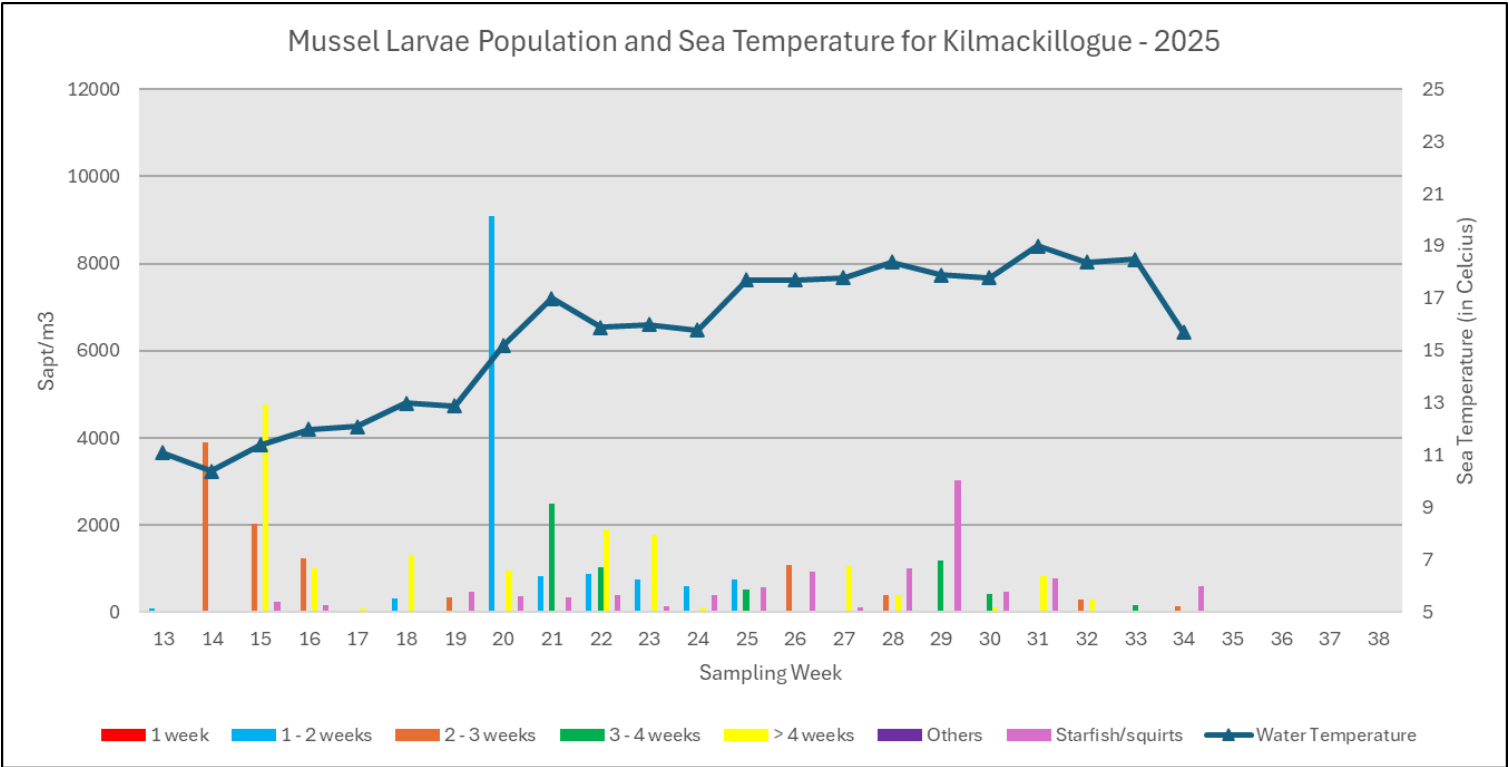


Condition Index (CI) for Kilmakilloge Harbour



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).



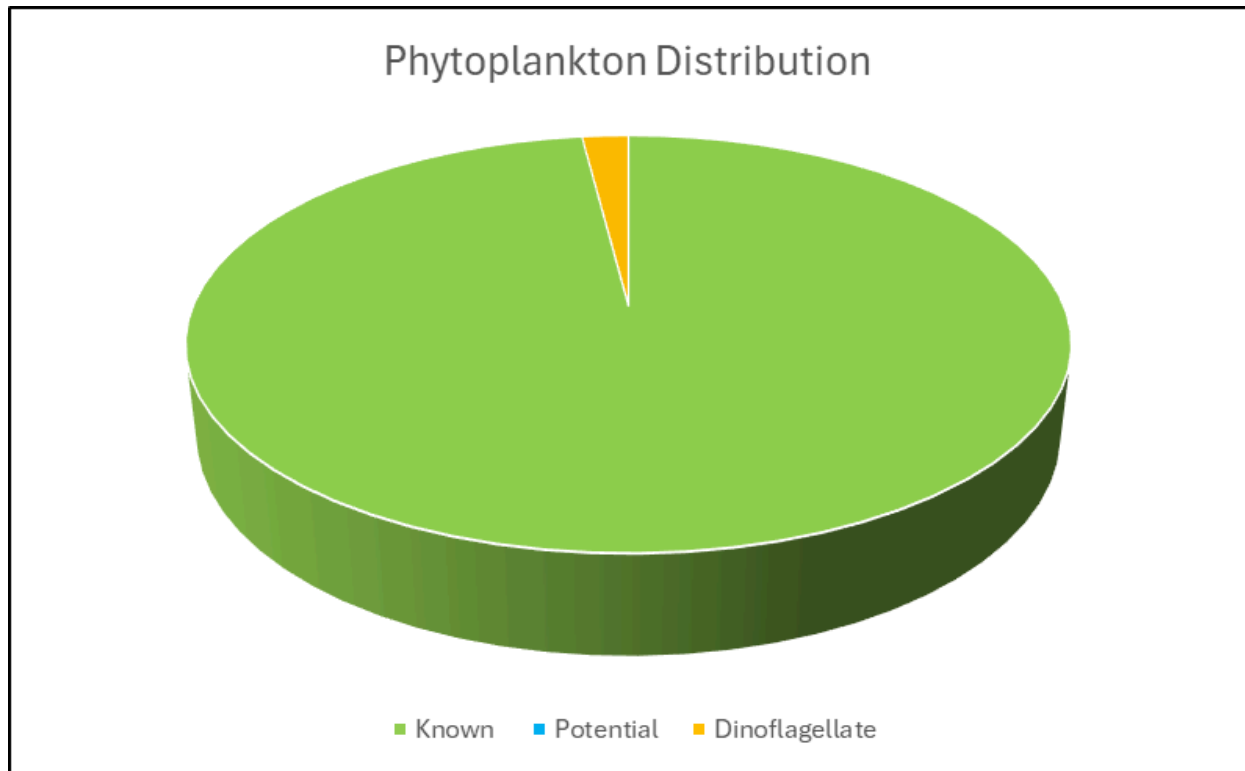
Commentary

The Condition Index (CI) decreased slightly on Week 34 (down by 0.4% to 29.1%). The sea temperature decreased at 15.7°C (-2.8°C from Week 33). However, another measurement taken two days after, indicated 17.3°C (-1.2°C from Week 33).

The larvae concentration in the sample indicates a small decrease from Week 33 with 129 spat/m³ composed of 2 to 4 weeks old larvae.

The concentration of sea squirts in the sample indicated an increase with 129 ind./m³. The sample presented a high concentration of a second bivalve species, high levels of copepods, starfish, crabs and micro jellyfish. *M. Atlantica* present was also present. The phytoplankton biomass was high in the sample, dominated by *Noctiluca*, *Rhizosolenia*, *Chaetoceros* sp. *halochaete*.





The phytoplankton concentration increased slightly in Week 34 with 19,800 cells/litre, dominated by known food source species (98%) and some dinoflagellate (2%).