

Kilmakilloge Harbour

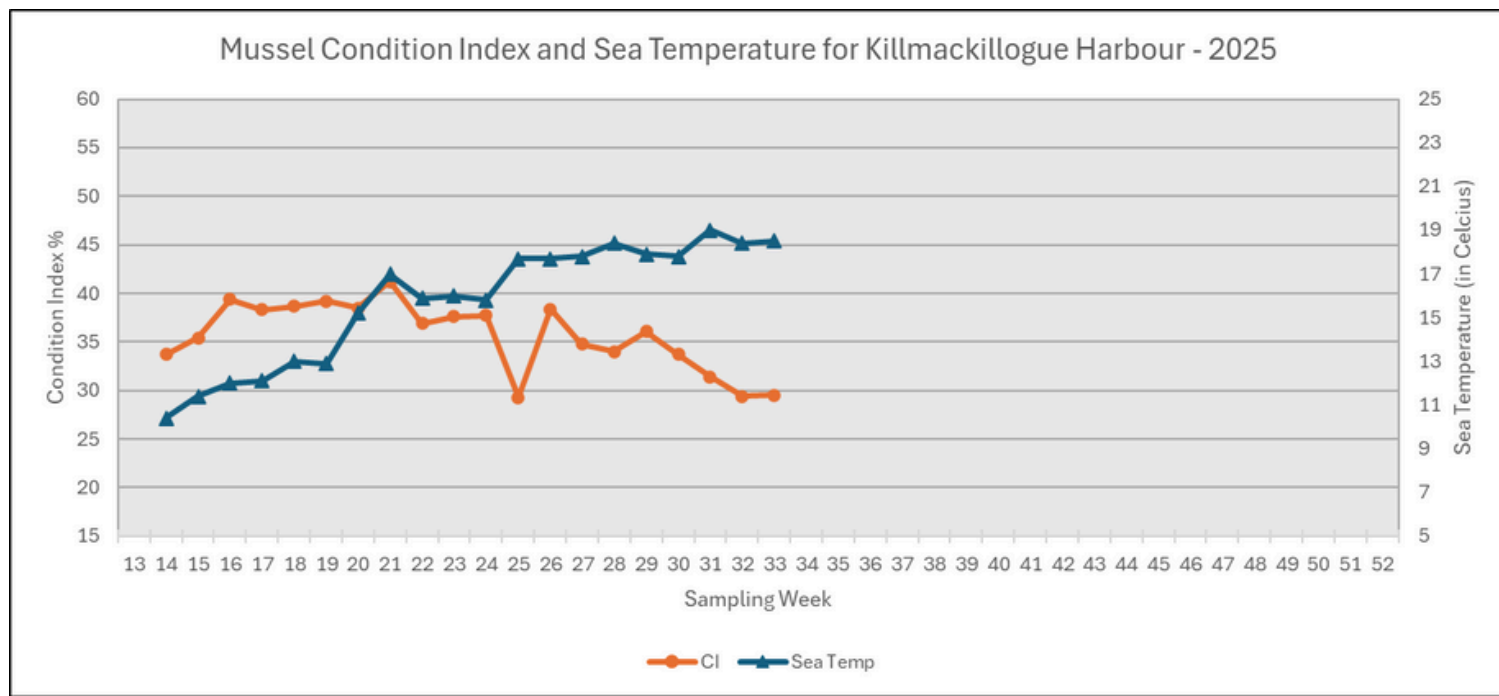
Southwest Mussel Larvae sampling

18th August 2025

Week 33 (11/08/2025 to 17/08/2025)

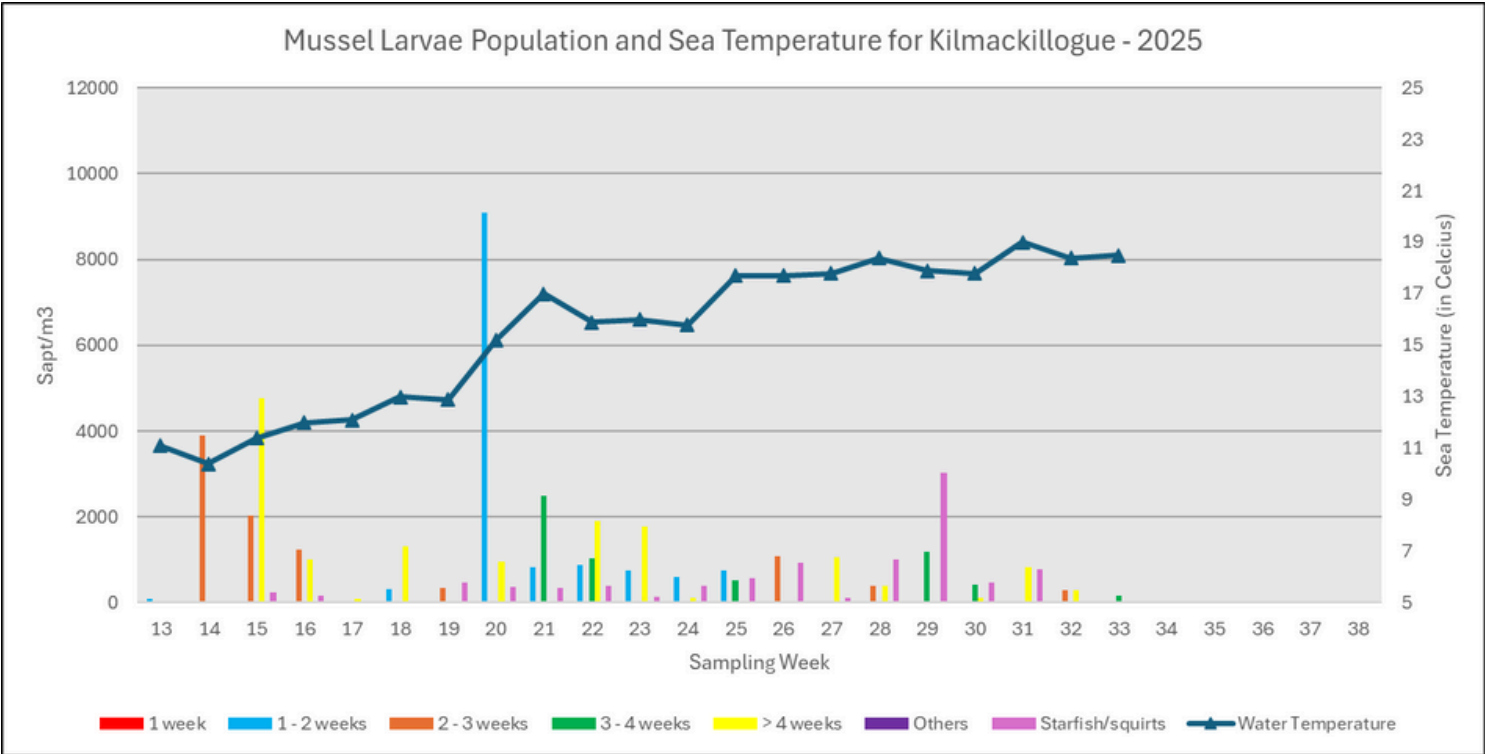


Condition Index (CI) for Kilmakilloge Harbour



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, 3 to 4 weeks old, over 4 weeks old and others (younger or older).



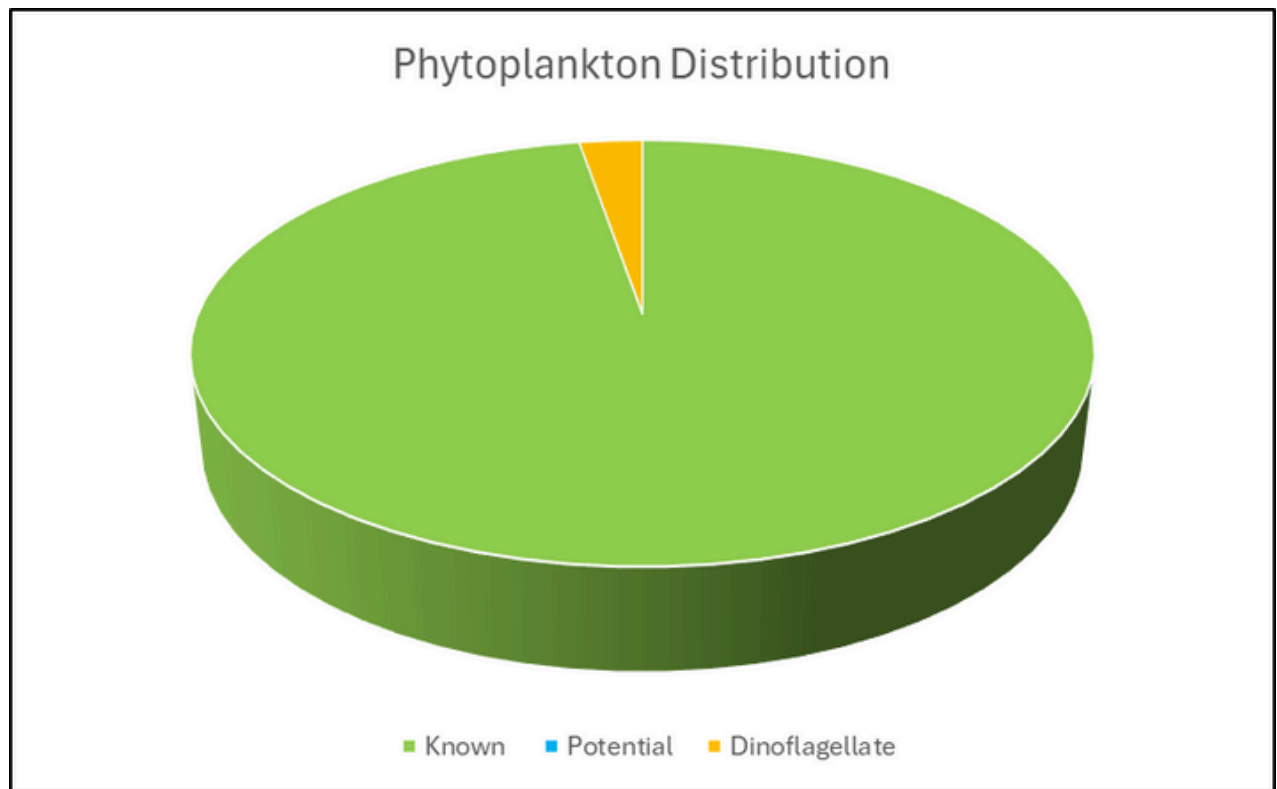
Commentary

The Condition Index (CI) was stable on Week 33 (up by 0.1% to 29.5%). The sea temperature was also stable at 18.5°C (+0.1 from Week 32).

The larvae concentration in the sample indicates a decrease from Week 32 with 159 spat/m³ composed of 3 to 5 weeks old larvae. This decrease could be related to some settlement during Week 32.

The concentration of sea squirts in the sample remains low with 37 ind./m³. The levels of copepods, tubeworm and barnacles were moderate. The sample also presented high concentrations of 3 other bivalve species. The phytoplankton present in the sample indicated high levels of Coscinodiscus and Haptophytes. There was also a high-level organic debris in the sample.





The phytoplankton concentration was stable in Week 33 with 11,880cells/litre, dominated by known food source species (97%) and some dinoflagellate (3%).

