

Kilmakilloge Harbour

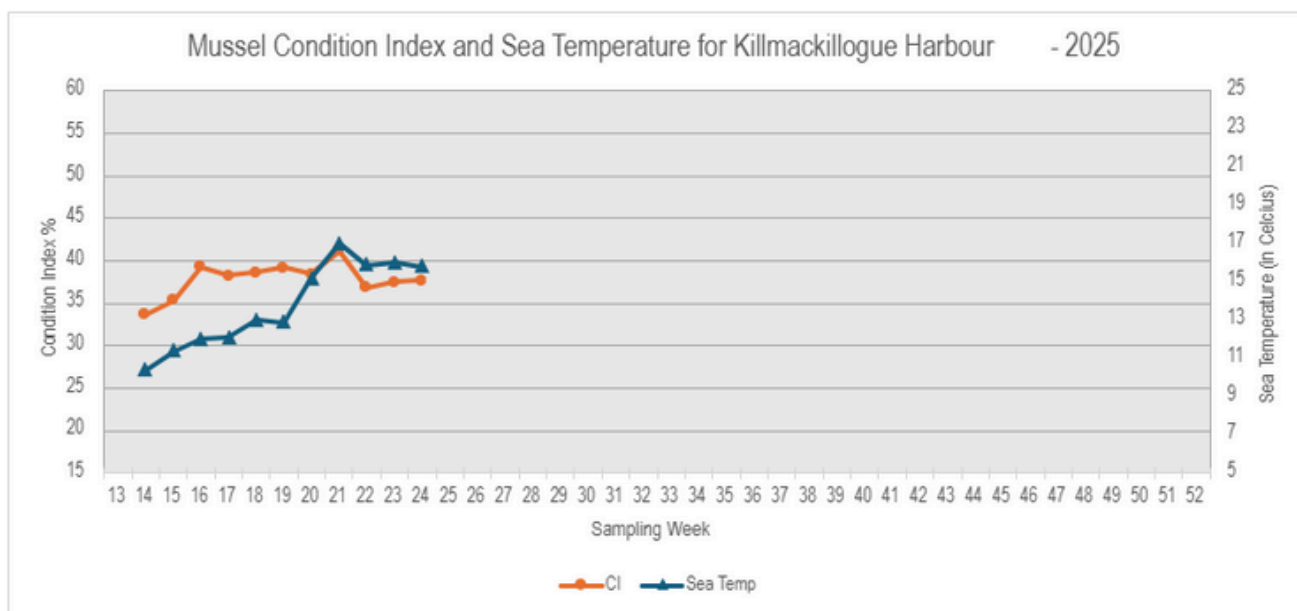
Southwest Mussel Larvae sampling

17th June 2025

Week 24 (09/06/2025 to
15/06/2025)

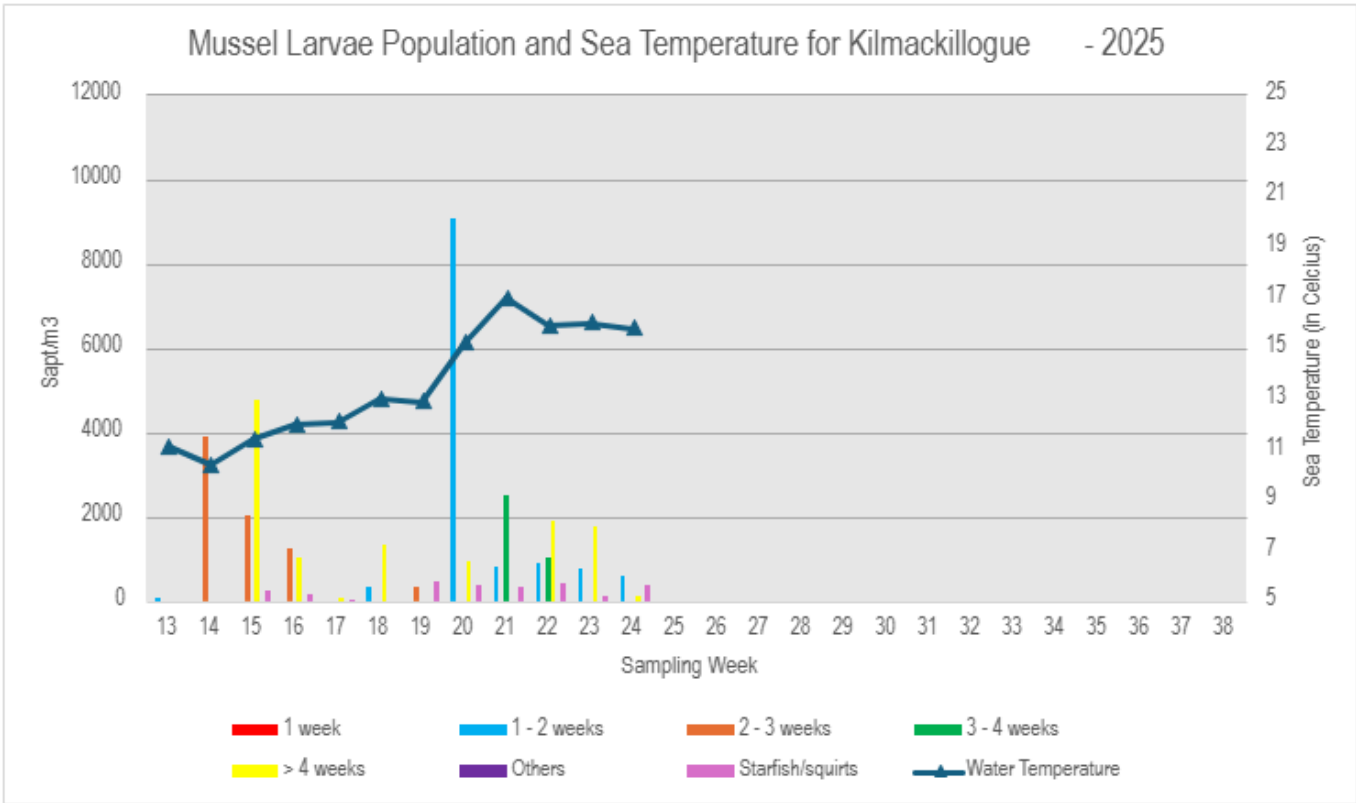


Condition Index (CI) for Kilmakilloge Harbour



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



Commentary

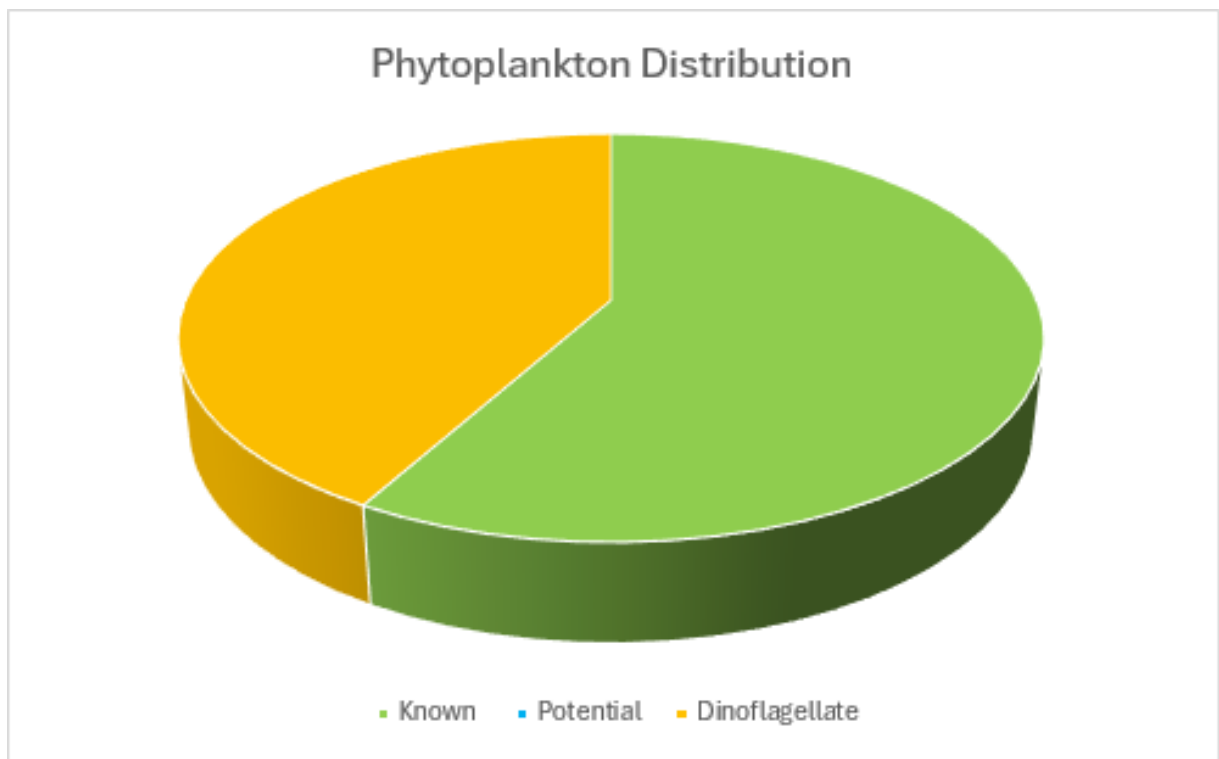
The Condition Index (CI) (37.7%) and temperature remained fairly stable in Week 24 with the sea temperature decreasing slightly to 15.8°C.

The larvae concentration decreased (to 695 spat/m³). The distribution through the age class was as follows: 85% of 1 to 2 weeks old and 15% of >5 weeks old.

There was a increase in the number of sea squirt larvae (to 401 ind./m³).

Phyto biomass v.low. - Chaetoceros sp. dominant. Copepods and second bivalve and potential eggs moderate. Crab and tube worm high. Sea matting low.





The phytoplankton concentration slightly increased to 10,600 cells/litre, 58% known food source species and 42% dinoflagellates.