

Ardgroom Harbour

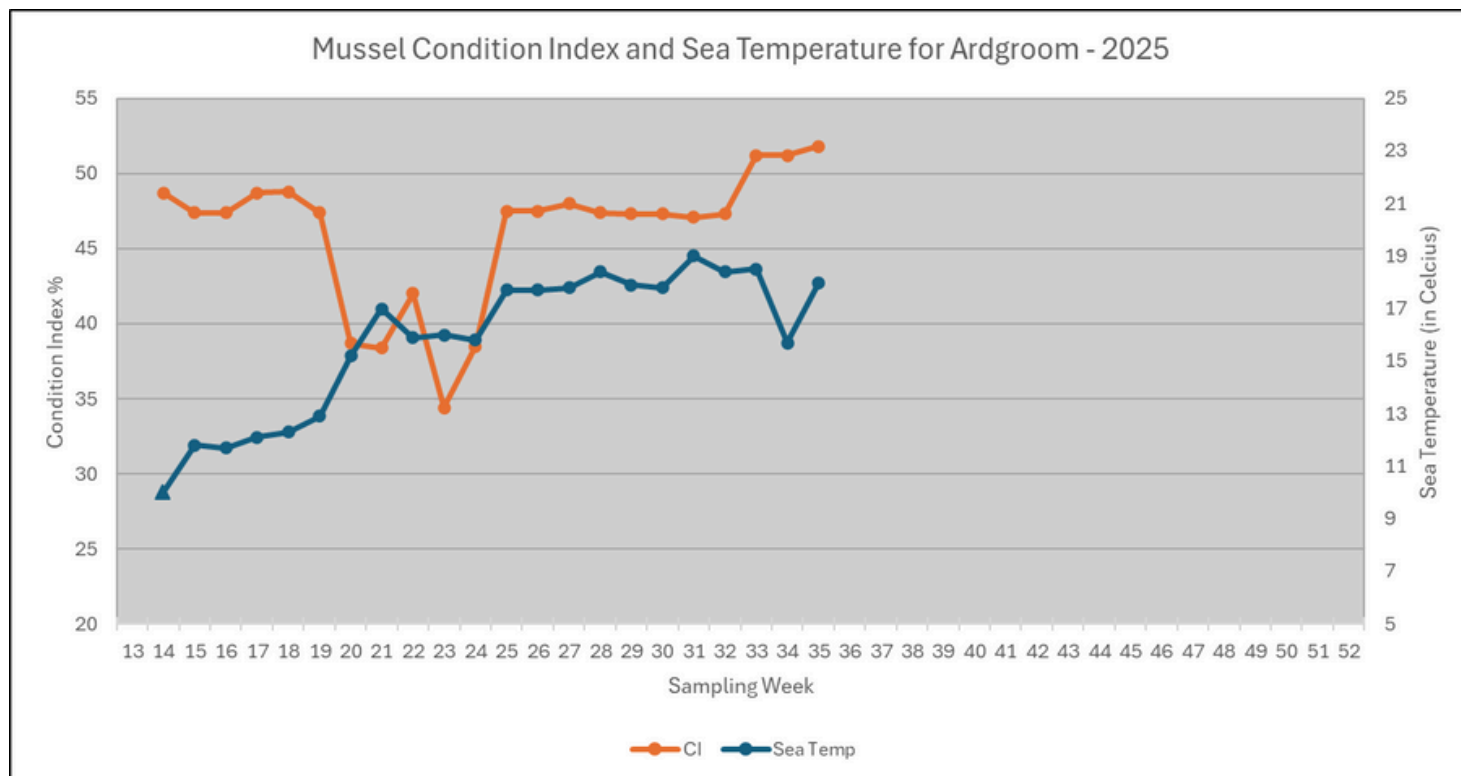
Southwest Mussel Larvae sampling

5th September 2025

Week 35 (25/08/2025 to 31/08/2025)

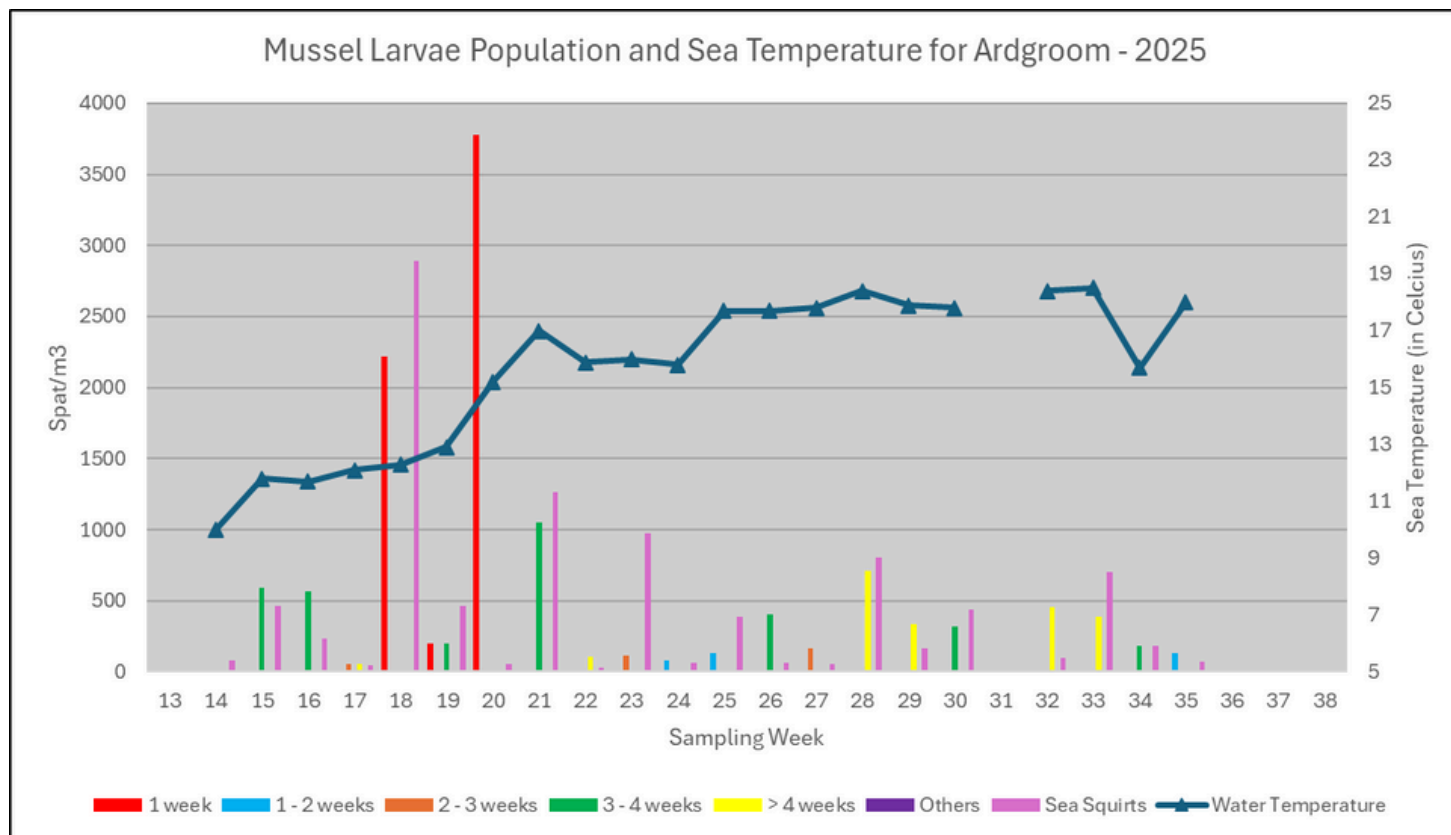


Condition Index (CI) for Ardgroom Harbour



Larvae population evolution for Ardgroom 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).



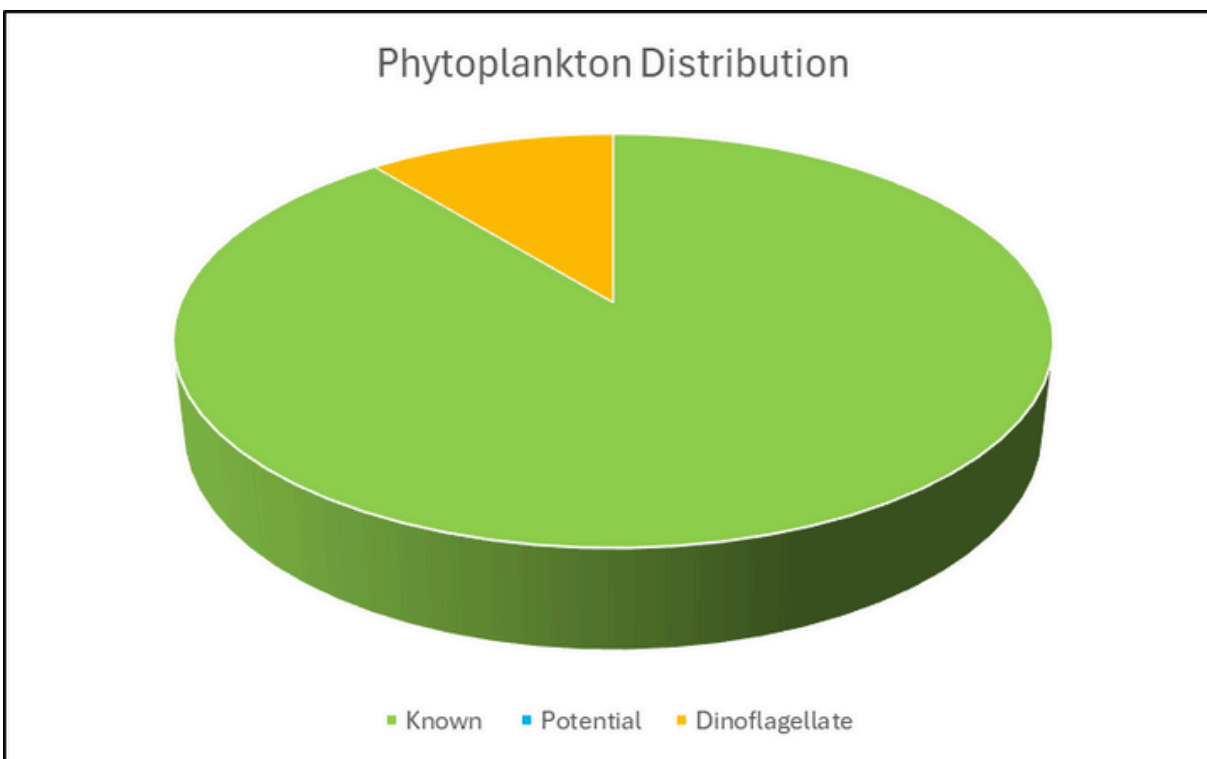
Commentary

The Condition Index (CI) in Ardgroom increased slightly in Week 35 at 51.8% (+0.6% from the previous week). The sea temperature increased again up to 18°C (based on Kilmackilloge readings).

The larvae population decreased again on Week 35 to 135 spat/m³, composed of 1 to 3 weeks old larvae.

The concentration of sea squirts in the sample decreased to 75 ind./m³. The sample presented a moderate concentration of *M. Atlantica*, while potential eggs and copepods were in low concentrations. The phytoplankton biomass was moderate with *Leptocylindrus*, *Noctiluca* and *Rhizosolenia* sp. dominating the species observed.





The phytoplankton concentration very sharply decreased in Week 35 to 7,000 cells/litre, dominated by known food species (89%) and few dinoflagellates (11%).

