

Ardgroom Harbour

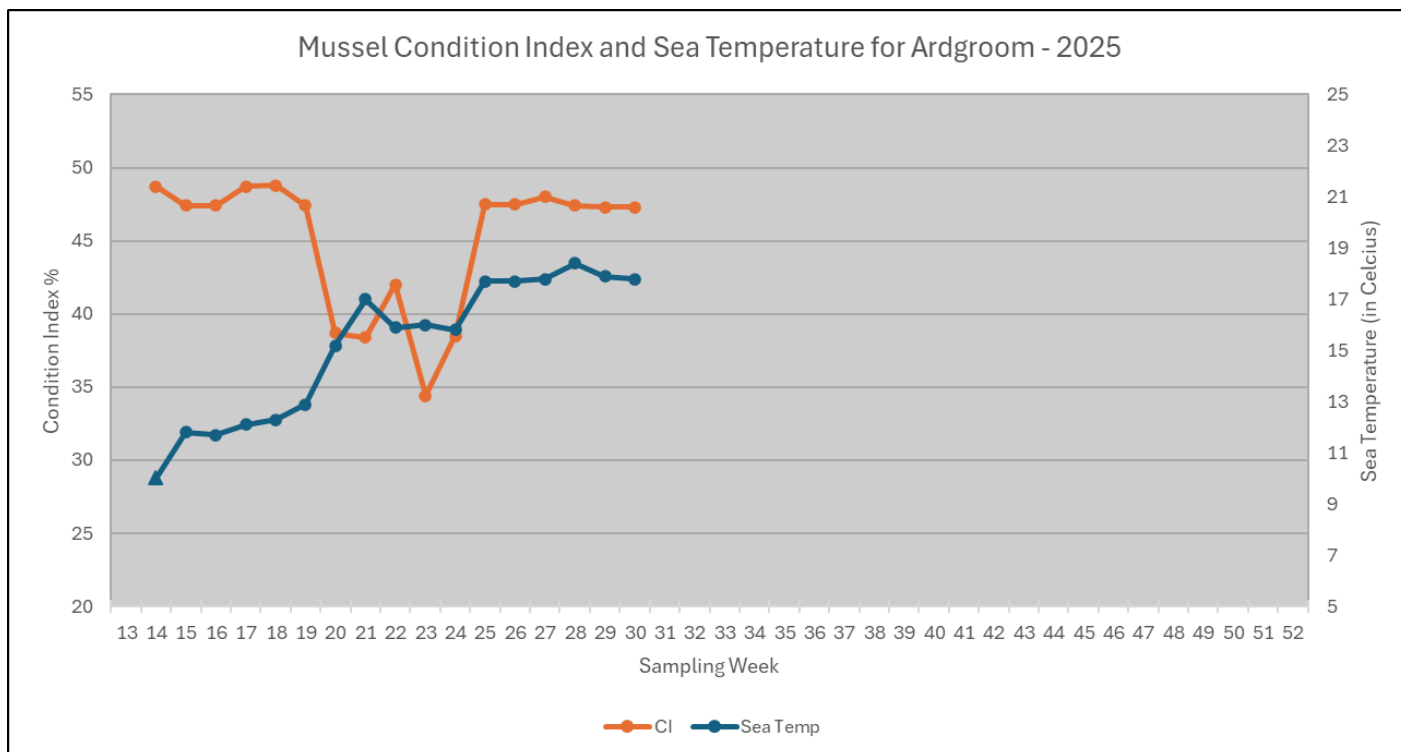
Southwest Mussel Larvae sampling

28th July 2025

Week 30 (21/07/2025 to 27/07/2025)

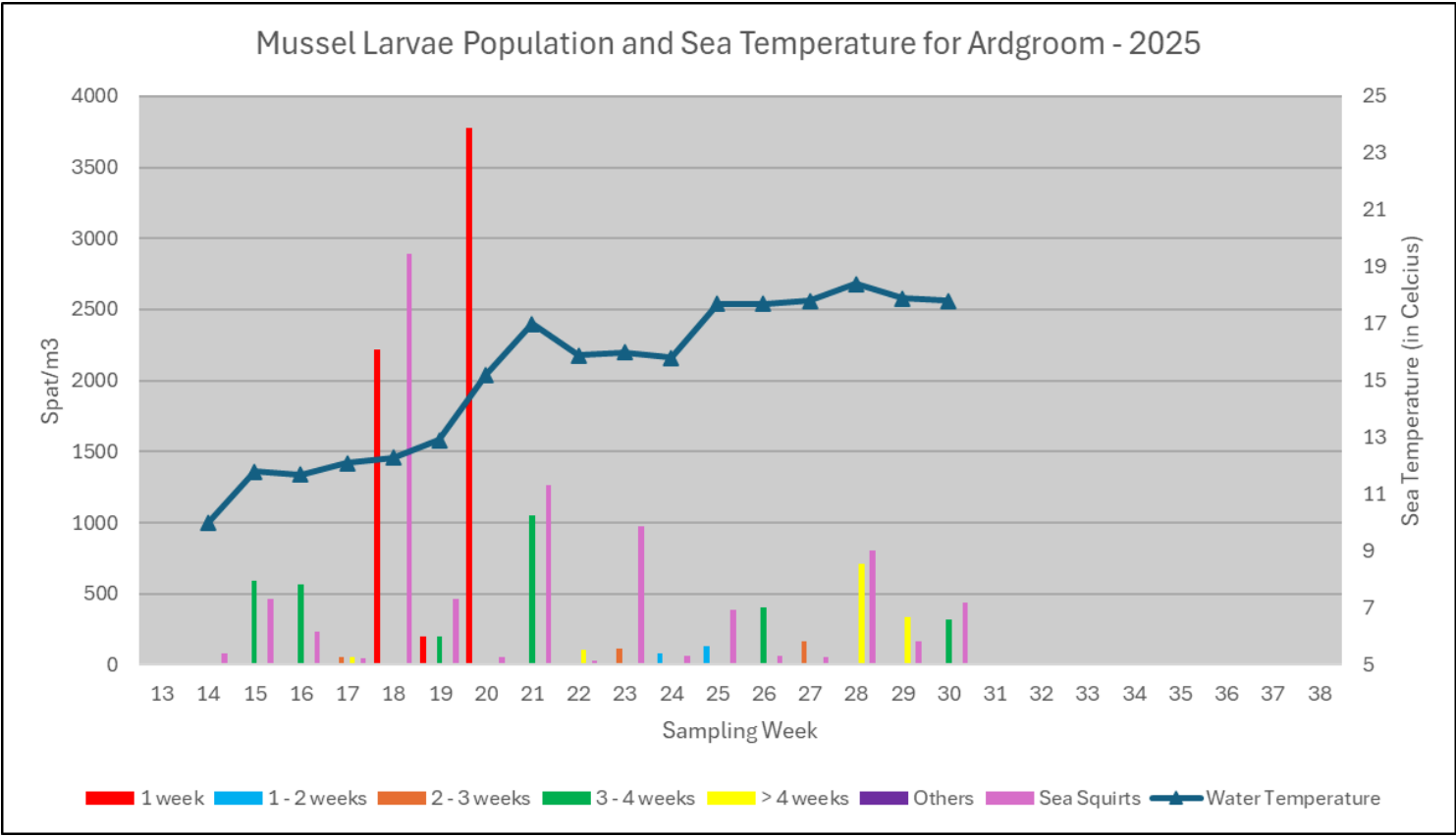


Condition Index (CI) for Ardgroom Harbour



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).



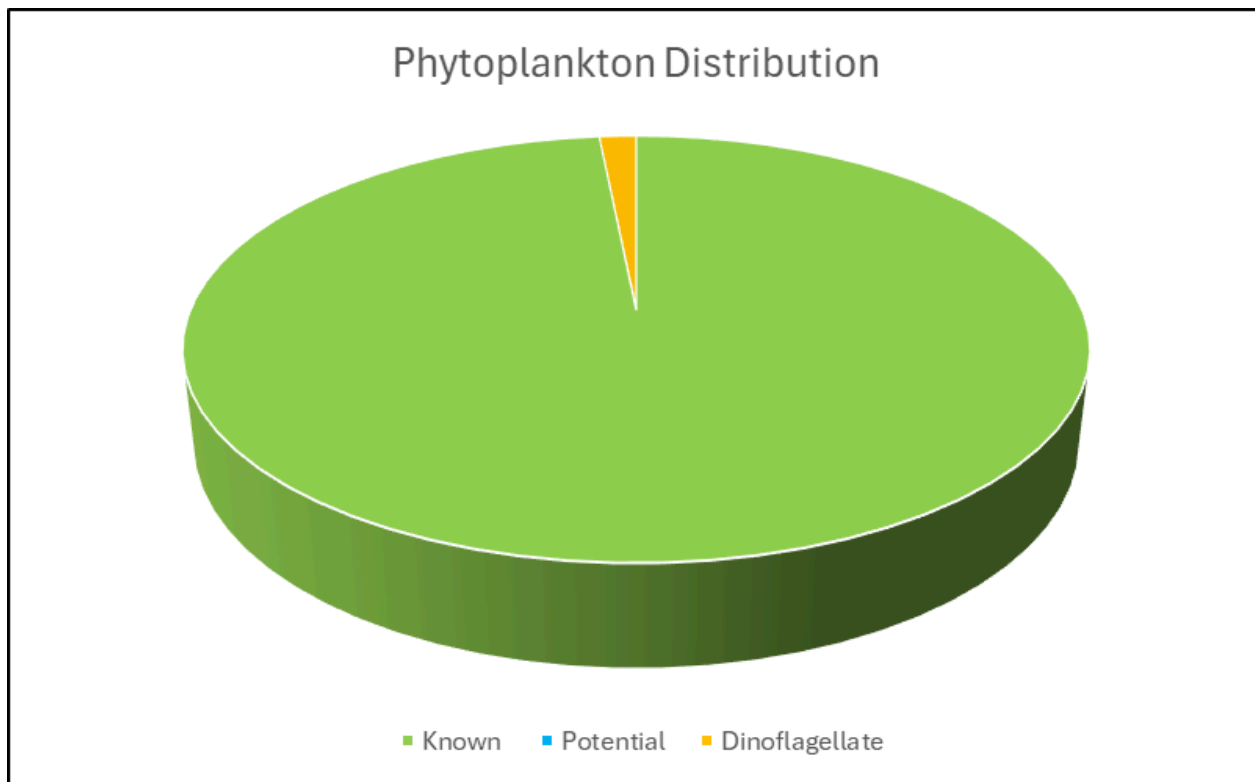
Commentary

The Condition Index (CI) in Ardgroom remained stable in Week 30 at 47.3% (same as the previous week). The sea temperature decreased slightly to 17.8°C (based on Kilmackilloge readings, -0.1°C).

The larvae population further decreased to 320 spat/m³, composed of 3 to 5 weeks larvae. It is expected that those larvae settle in the next 1 to 2 weeks.

The concentration of sea squirts in the sample decreased to 437 ind./m³. The sample presented moderate levels of copepods and a second bivalve species, while the level of starfish was low. The phytoplankton biomass was moderate with *P.n. seriata* and *Chaetoceros* sp. H dominant.





The phytoplankton concentration increased dramatically in Week 30 to 260,320 cells/litre, largely dominated by known food species (98%) and few dinoflagellates (2%).

