

Ardgroom Harbour

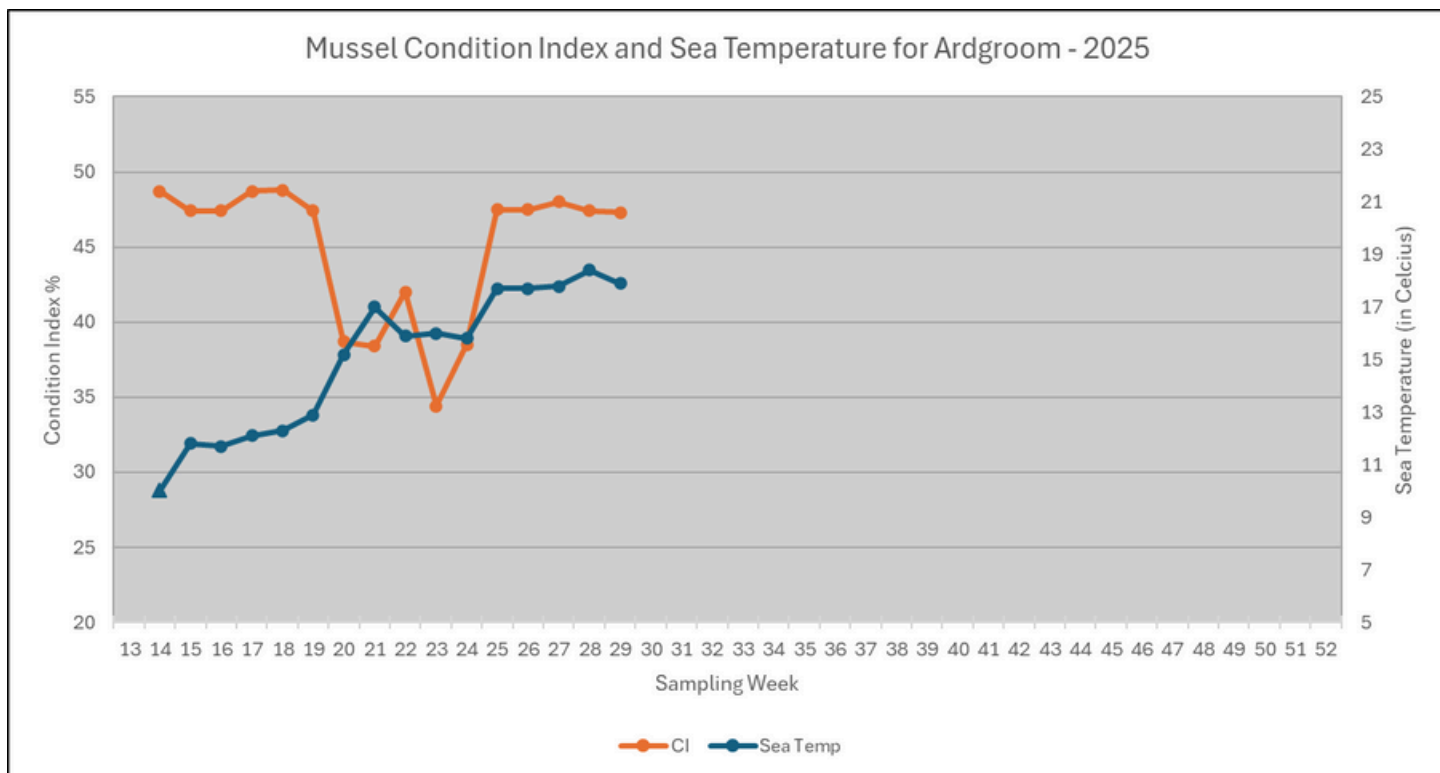
Southwest Mussel Larvae sampling

21st July 2025

Week 29 (14/07/2025 to 20/07/2025)

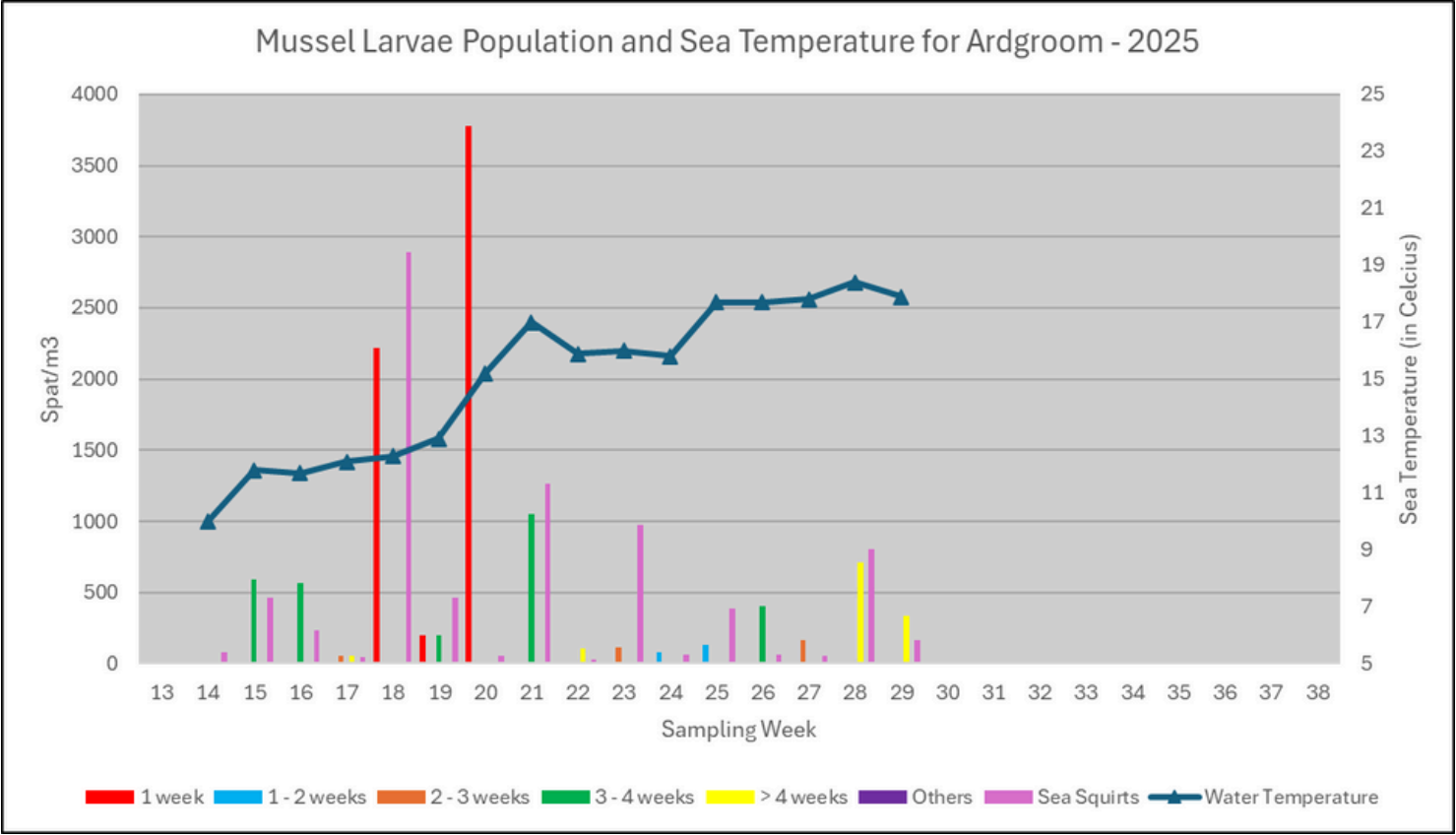


Condition Index (CI) for Ardgroom Harbour



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).



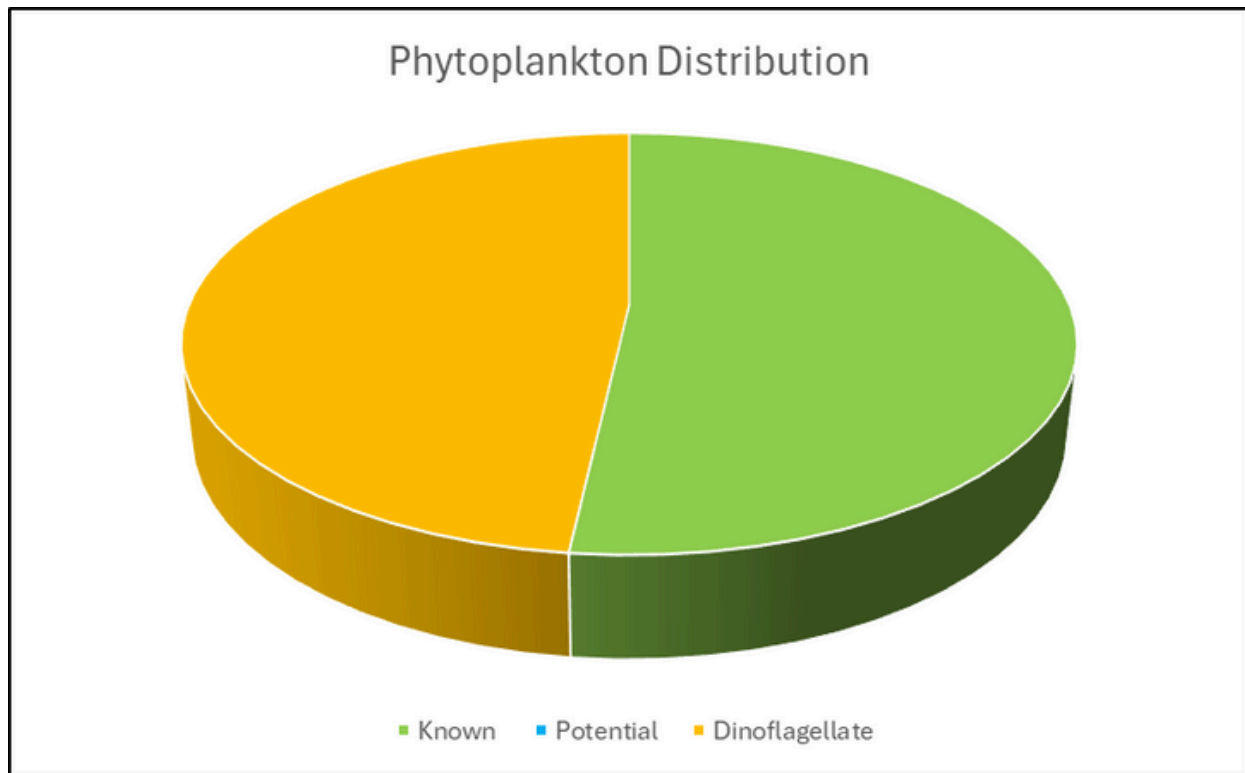
Commentary

The Condition Index (CI) in Ardgroom remained stable in Week 29 at 47.3% (-0.1 from the previous week). The sea temperature decreased slightly to 17.9°C (based on Kilmackilloge readings).

The larvae population decreased to 339 spat/m³, composed of 4 to 6 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 164 ind./m³. The sample presented low levels of copepods, barnacles, winkles and tubeworm. The phytoplankton biomass in the sample was low with Ceratium mix species dominant.





The phytoplankton concentration increased in Week 29 to 6,720 cells/litre, nearly equally divide between known food species (52%) and dinoflagellate (48%).

