

Ardgroom Harbour

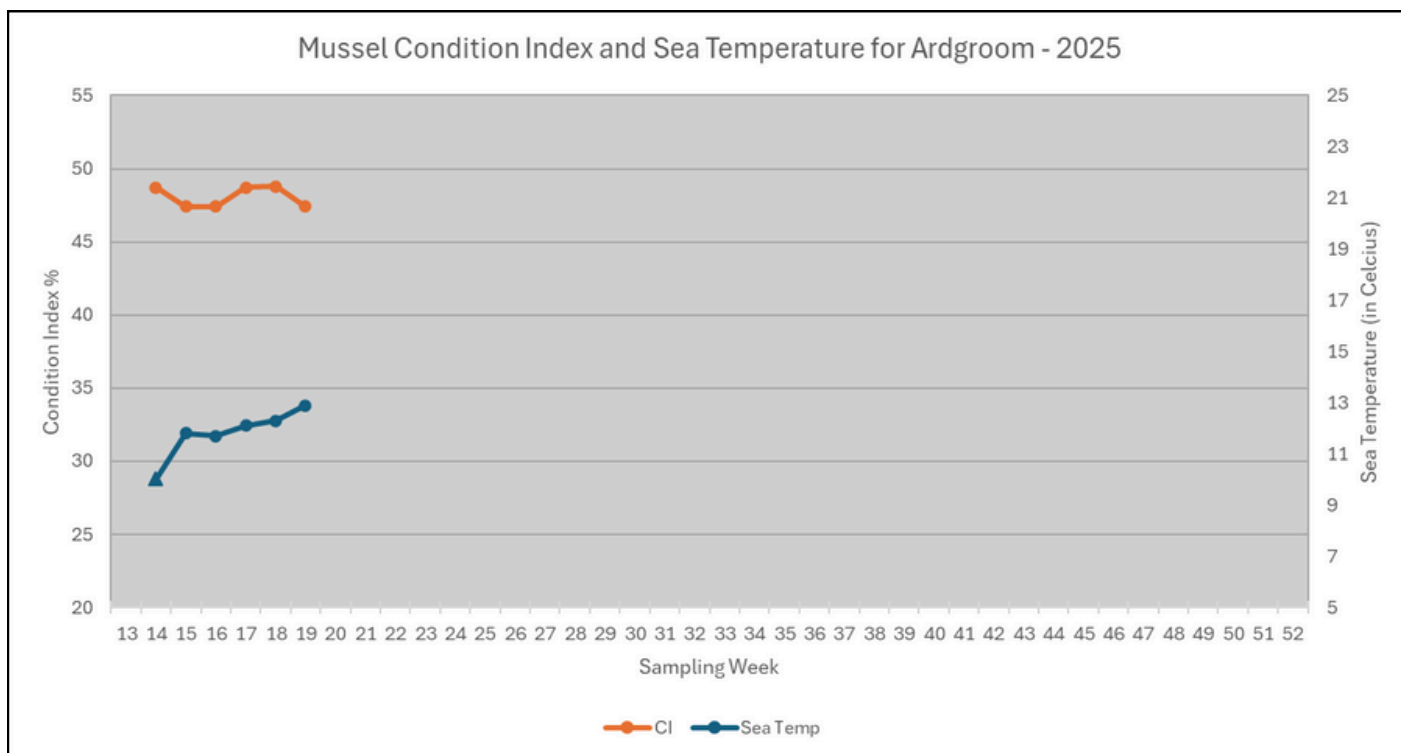
Southwest Mussel Larvae sampling

12th May 2025

Week 19 (05/05/2025 to
11/05/2025)

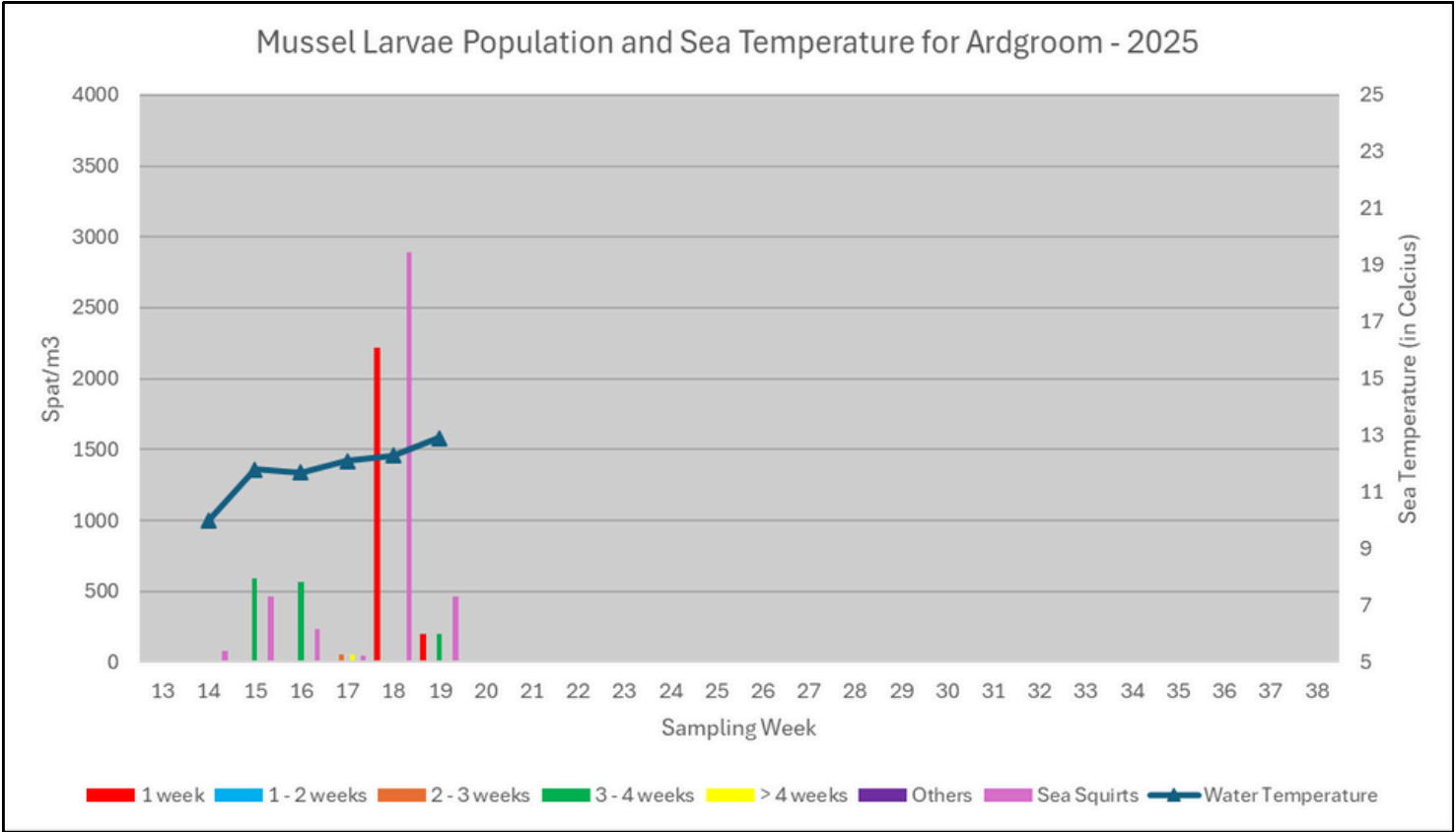


Condition Index (CI) for Ardgroom Harbour



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 dropped slightly on Week 19 to 47.4% (-1.4% from the previous week). There was also a slight increase in the sea temperature (+0.6°C to 12.9°C).

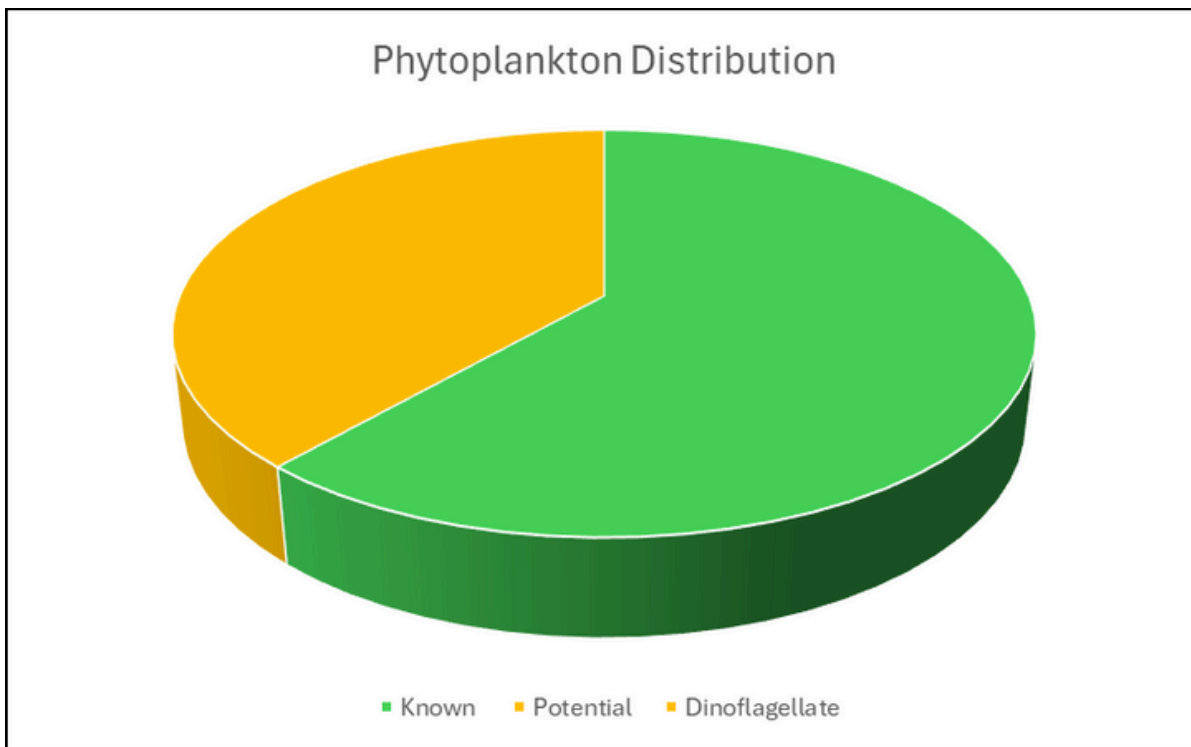
The concentration of larvae was divided between two categories: 202 spat/m³ of 1 week old and 203 spat/m³ of 3 to 4 weeks old. There was no indication of remaining large quantities of young larvae from the previous week.

The concentration of sea squirts was lower than last week, down to 466 individuals/m³. Copepods, barnacles and crab larvae levels were all very high.

Phaeocystis sp. was in very high concentration.

Considering the levels of Phaeocystis across the sampling stations and the recent spawning, it would be advisable to limit stress levels on adult mussels.





The phytoplankton concentration was 20,680 cells per litre dominated by known food species (62%) followed by dinoflagellate (38%).

