

Ardgroom Harbour

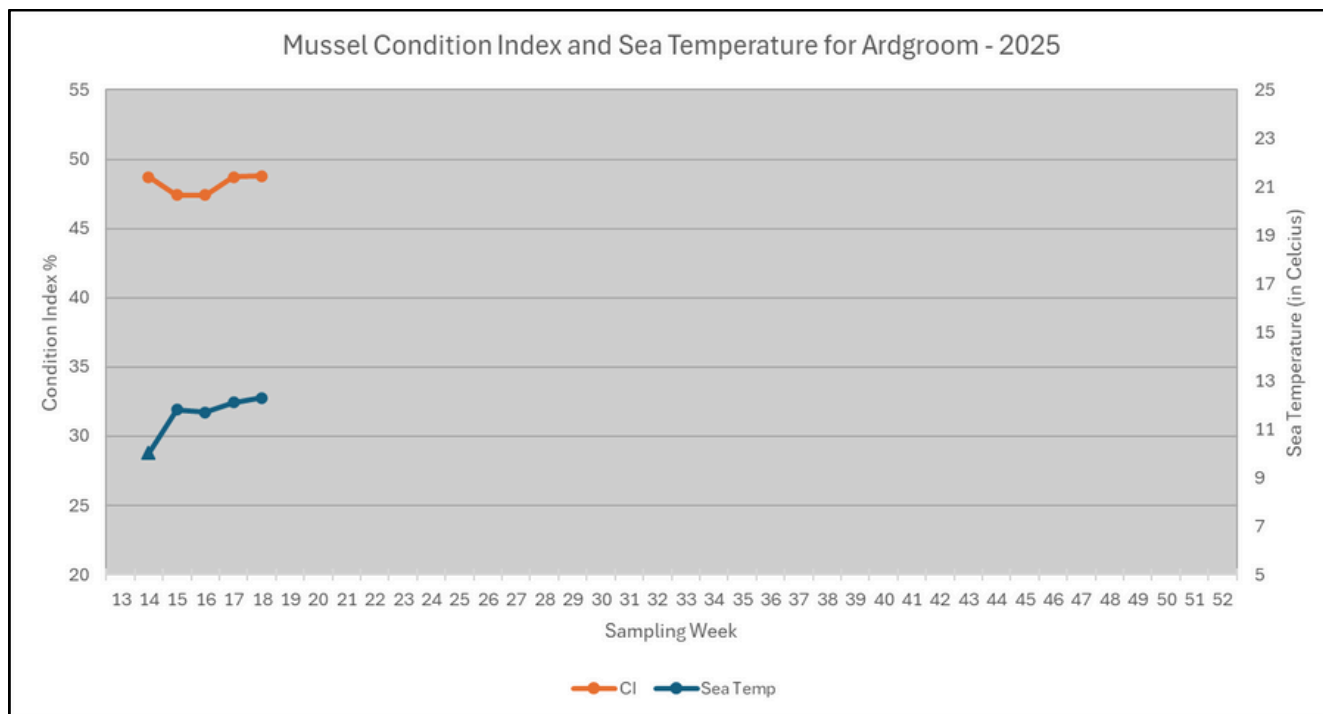
Southwest Mussel Larvae sampling

2nd May 2025

Week 18 (28/04/2025 to
04/05/2025)

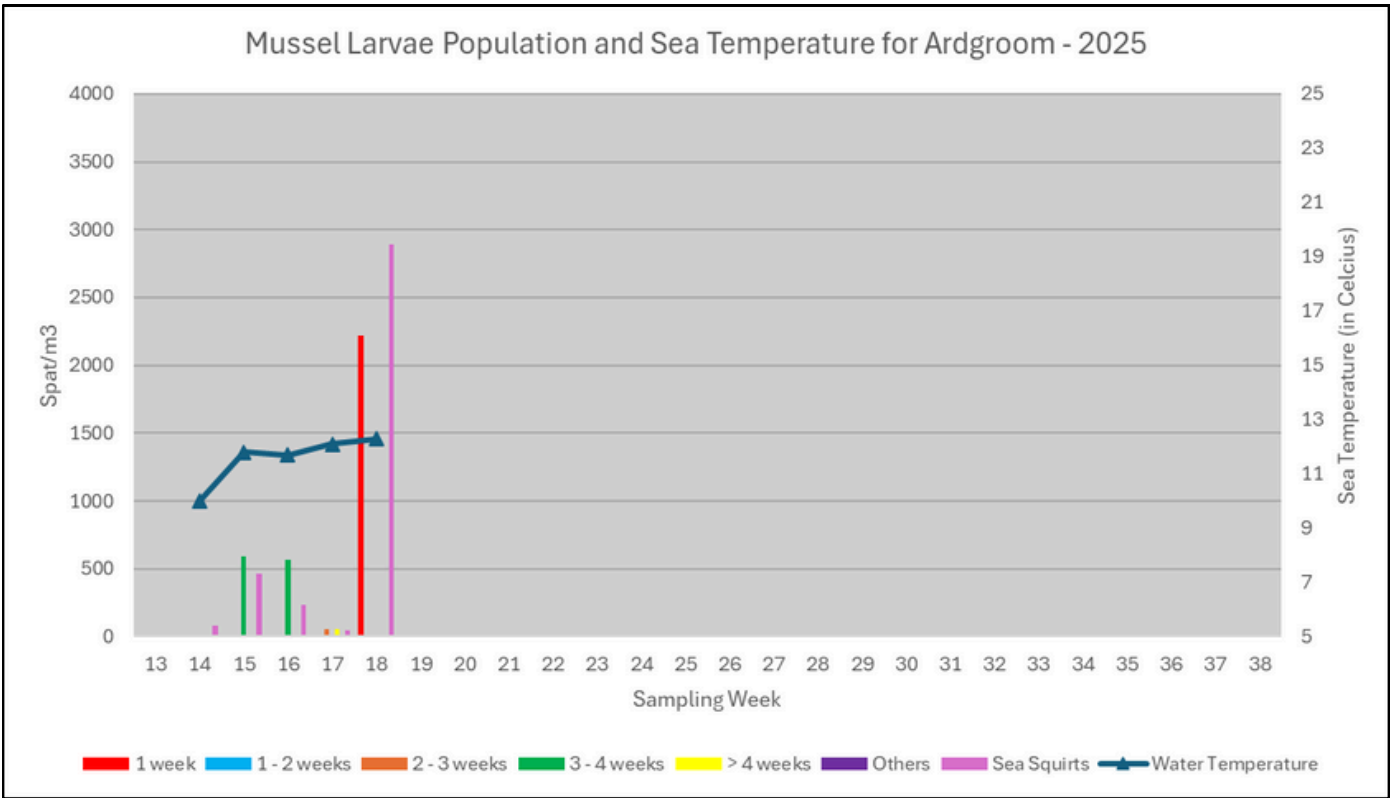


Condition Index (CI) for Ardgroom Harbour



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).



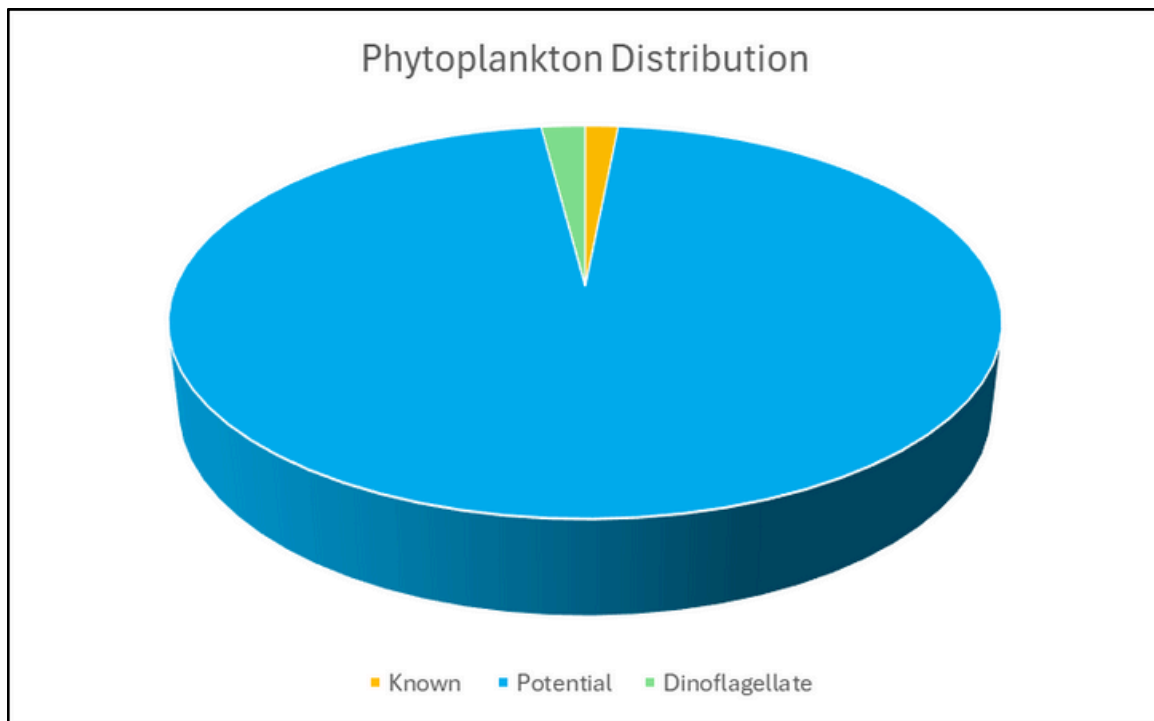
Commentary

The Condition Index (CI) in Ardgroom is stable 48.8% (+0.1% from the previous week). The sea temperature has also slightly increased to 12.3°C (+0.2°C from the previous week).

A large quantity of young larvae was present in the sample: 2219 spat/m³ of 1 week old larvae.

The sea squirt concentration has dramatically increased with 2985 individuals/m³. Otherwise, the copepods' level was moderate, while sea matting and barnacles concentrations were low. From a phytoplankton perspective, *L.danicus* and *Rhizosolenia* were at moderate levels.





The sample had live bacteria starting to break down content, therefore, the phytoplankton concentration was low with only 7,880 cells/litre dominated by potential but not preferred food species.

