

# Ardgroom Harbour

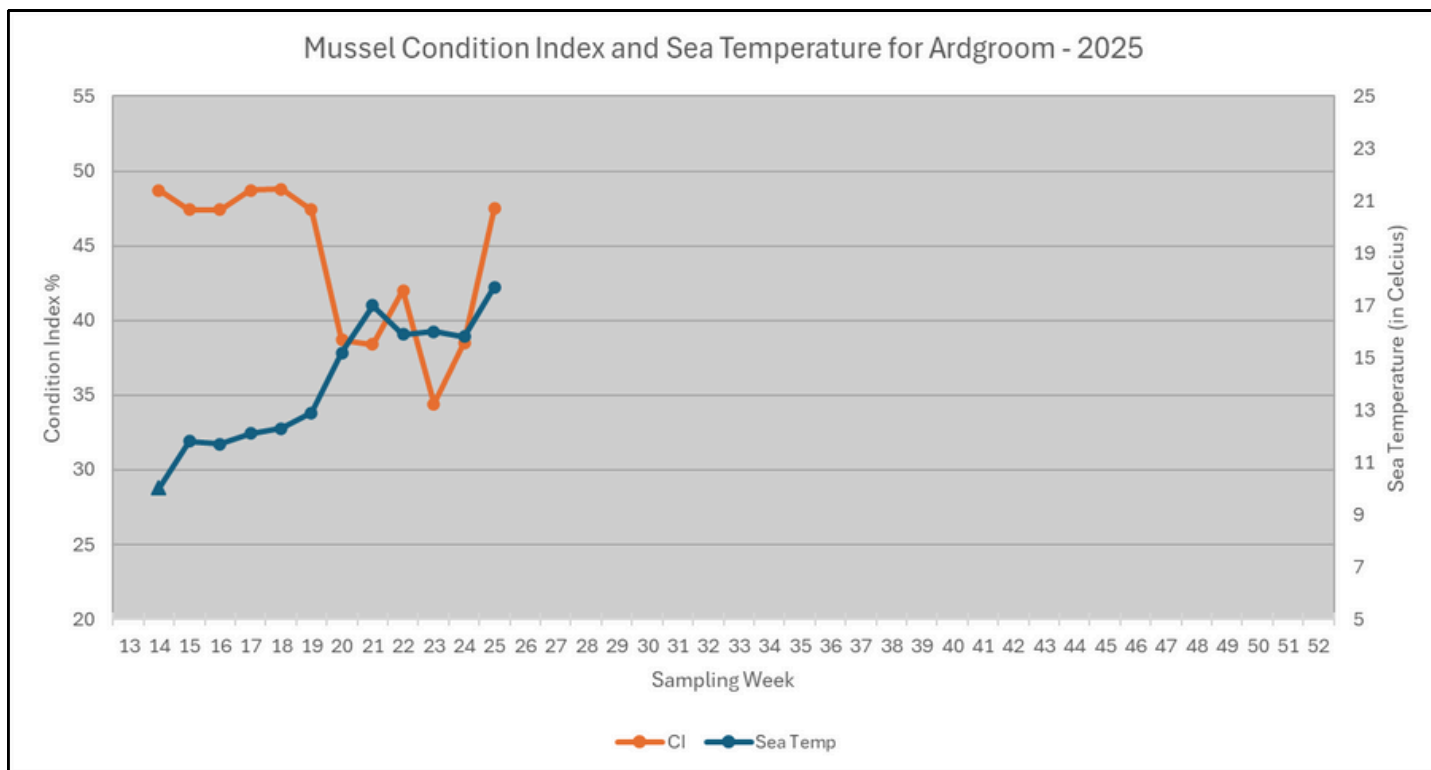
Southwest Mussel Larvae sampling

23<sup>rd</sup> June 2025

Week 25 (16/06/2025 to  
22/06/2025)

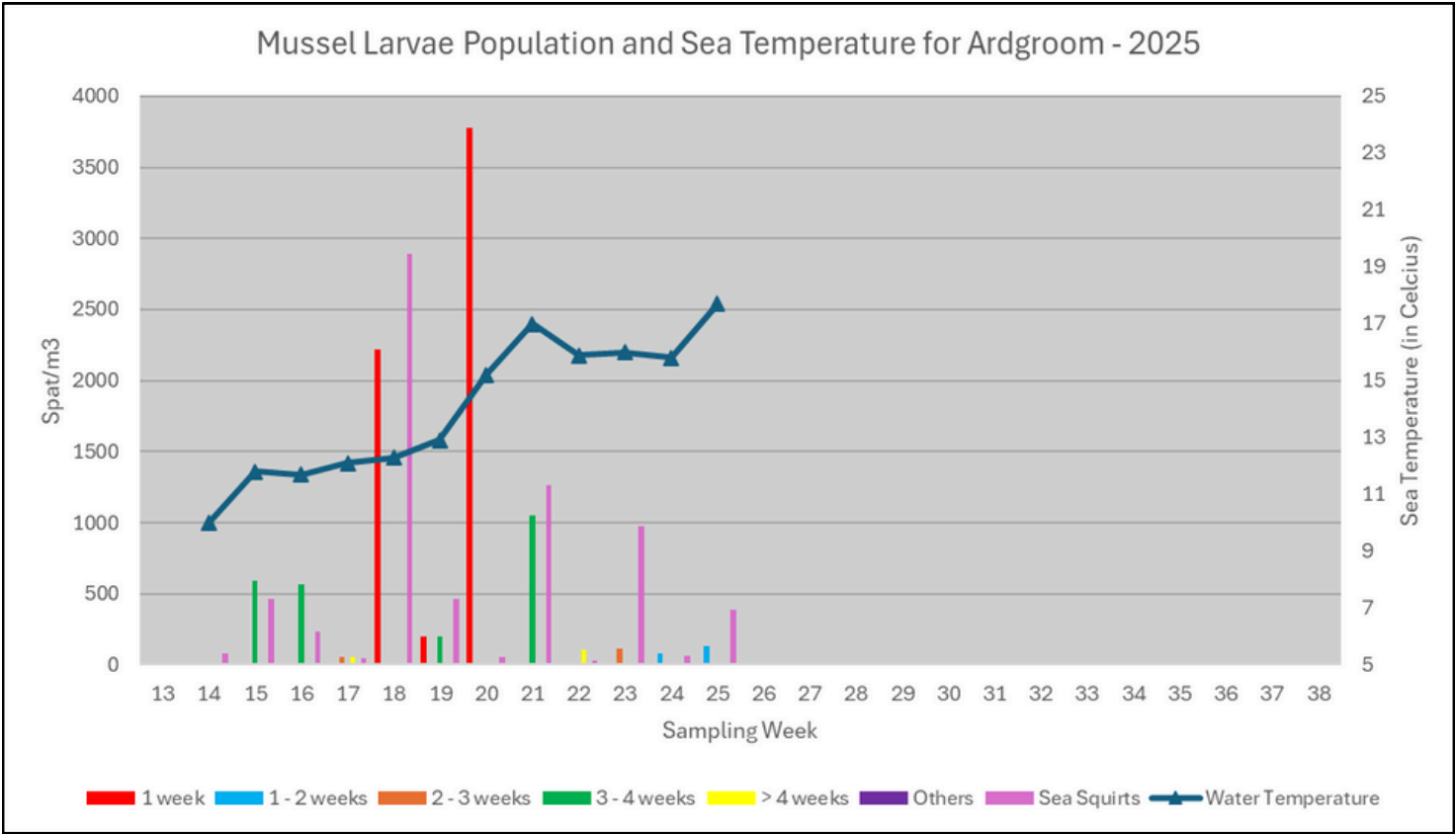


## Condition Index (CI) for Ardgroom Harbour



# 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, over 4 weeks old and others (younger or older).



## Commentary

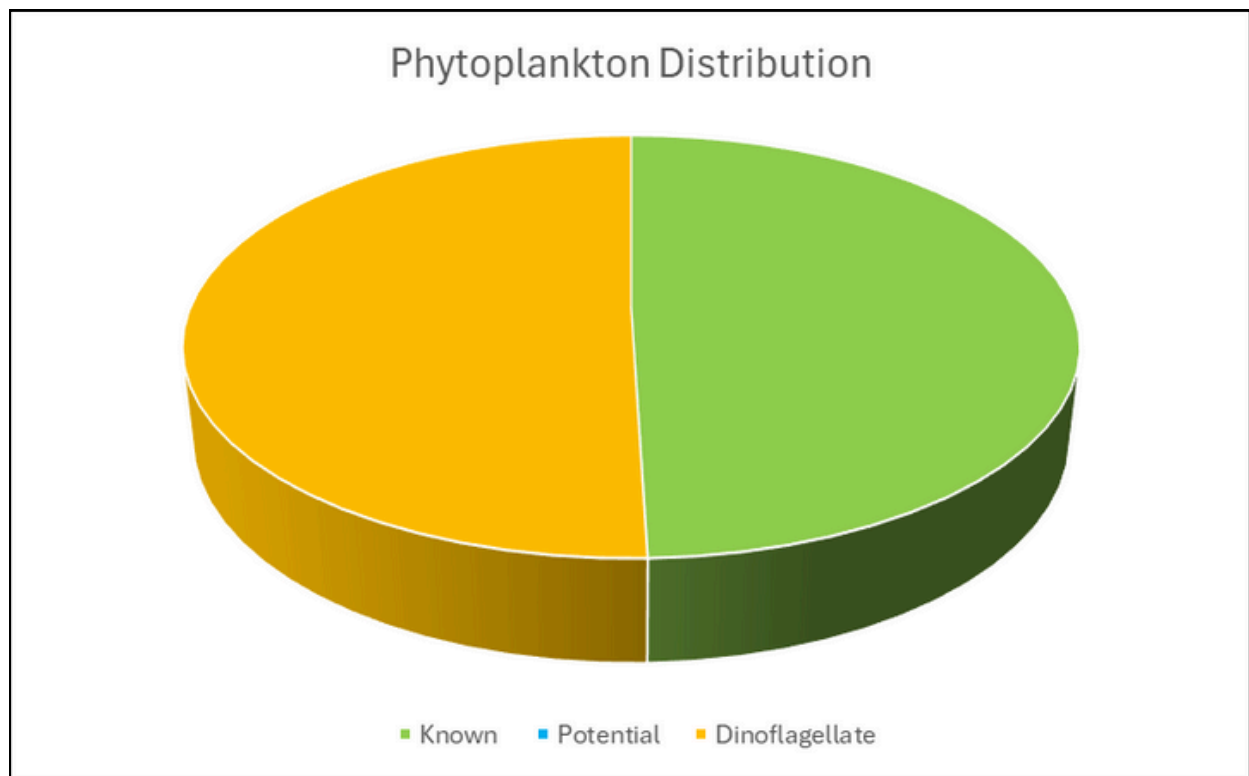
The Condition Index (CI) in Ardgroom continued to increase in Week 25 (up by 9% to 47.5%). The sea temperature increased by 1.9°C to 17.7°C (based on Kilmackilloge readings).

The sample presented low levels of larvae: 129 spat/m<sup>3</sup> of 1 to 2 weeks old.

There was a significant increase of the sea squirt level from the previous week (up to 386 ind./m<sup>3</sup>). Tube worm and copepods were also in high concentrations high. 2 additional bivalve species and sea matting were also present in moderate levels. The phytoplankton levels were high with *Chaetoceros* sp. H and *P.n. seriata* the dominant species.

**The increased presence of tubeworms and sea squirts could have a significant fouling impact on collectors and ropes.**





The phytoplankton concentration decreased again on Week 25 (down to 4,120 cells/litre), divided in equal quantities between known food source species and dinoflagellate.

