

# Dunmanus Bay

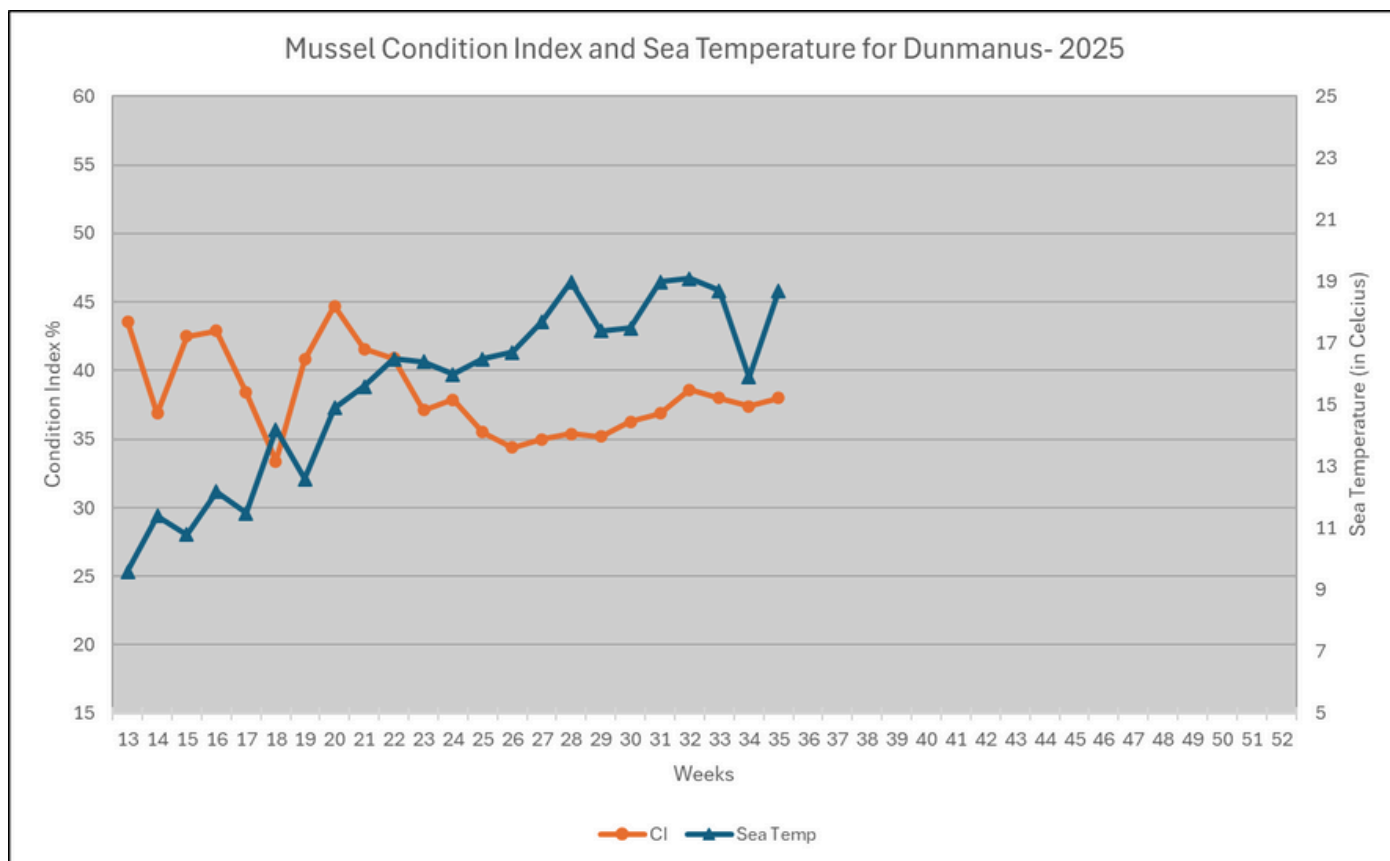
Southwest Mussel Larvae sampling

5<sup>th</sup> September 2025

Week 35 (25/08/2025 to 31/08/2025)

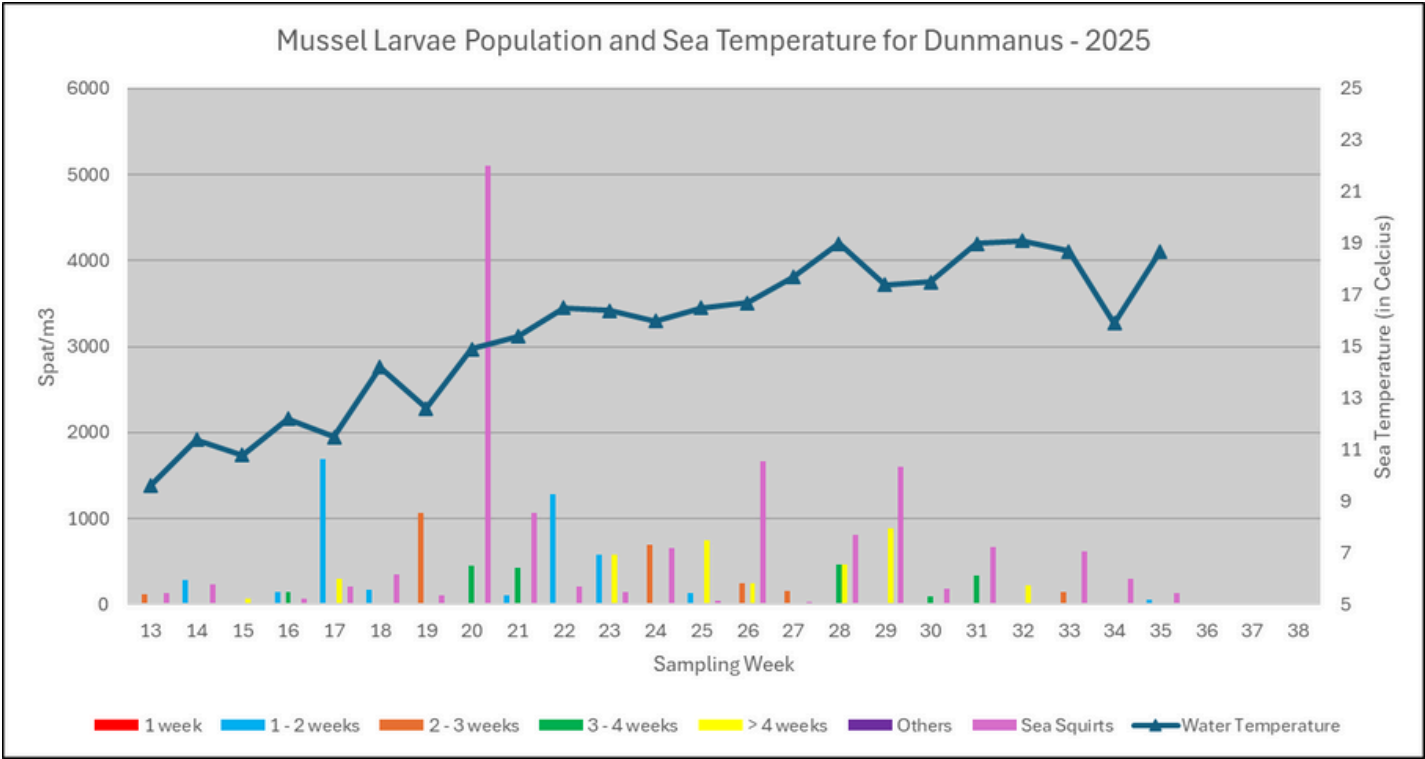


## Condition Index (CI) for Dunmanus Bay



# Larvae population evolution in Dunmanus Bay

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).



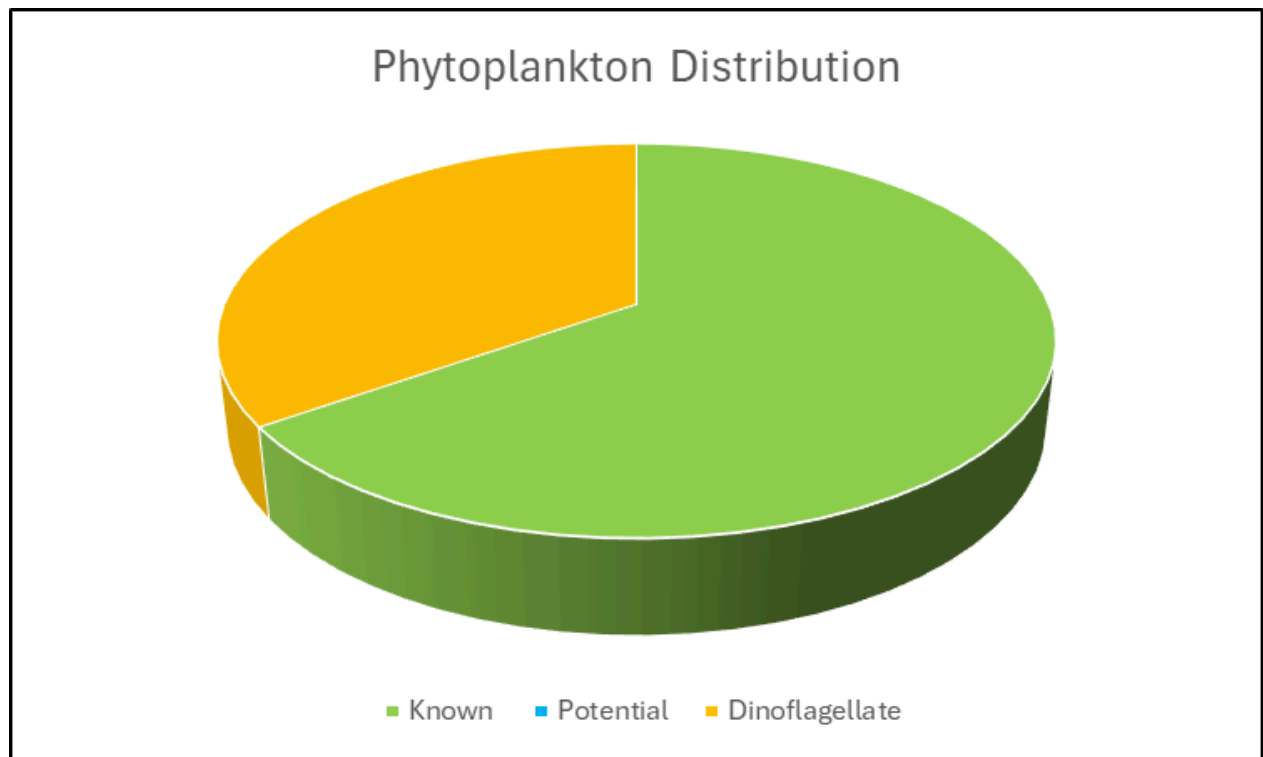
## Commentary

The Condition Index (CI) in Dunmanus was stable at 38 % (+0.6% from the previous week). The sea temperature increased by 2.8°C at 18.7°C.

A low level of larvae was observed in the sample; 75 spat/m<sup>3</sup>, composed at 75 % of 1 to 3 weeks old larvae and 25% of 5 to 6 weeks old.

The level of sea squirts decreased on Week 35 to 132 ind./m<sup>3</sup>. The sample presented moderate levels of potential eggs and Muggia atlantica while copepods levels were low. The phytoplankton biomass was moderate with Noctiluca, Ceratium Rhizosolenia and micro jellyfish being dominant.





The phytoplankton concentration sharply decreased again in Week 35 to 8,280 cells/litre, dominated by known food source species (65%) followed by dinoflagellate (35%).

