

Dunmanus Bay

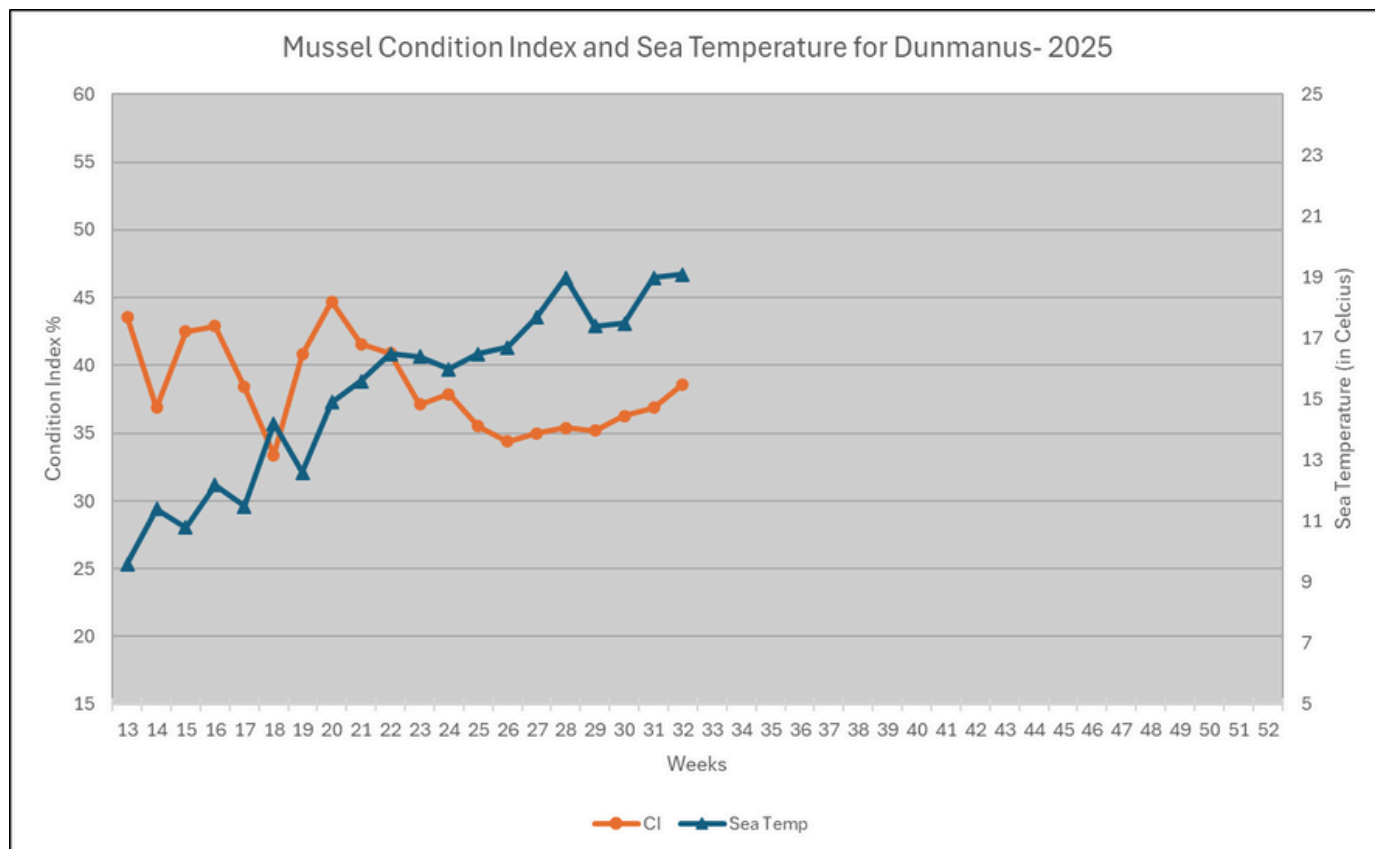
Southwest Mussel Larvae sampling

11th August 2025

Week 32 (04/08/2025 to 10/08/2025)

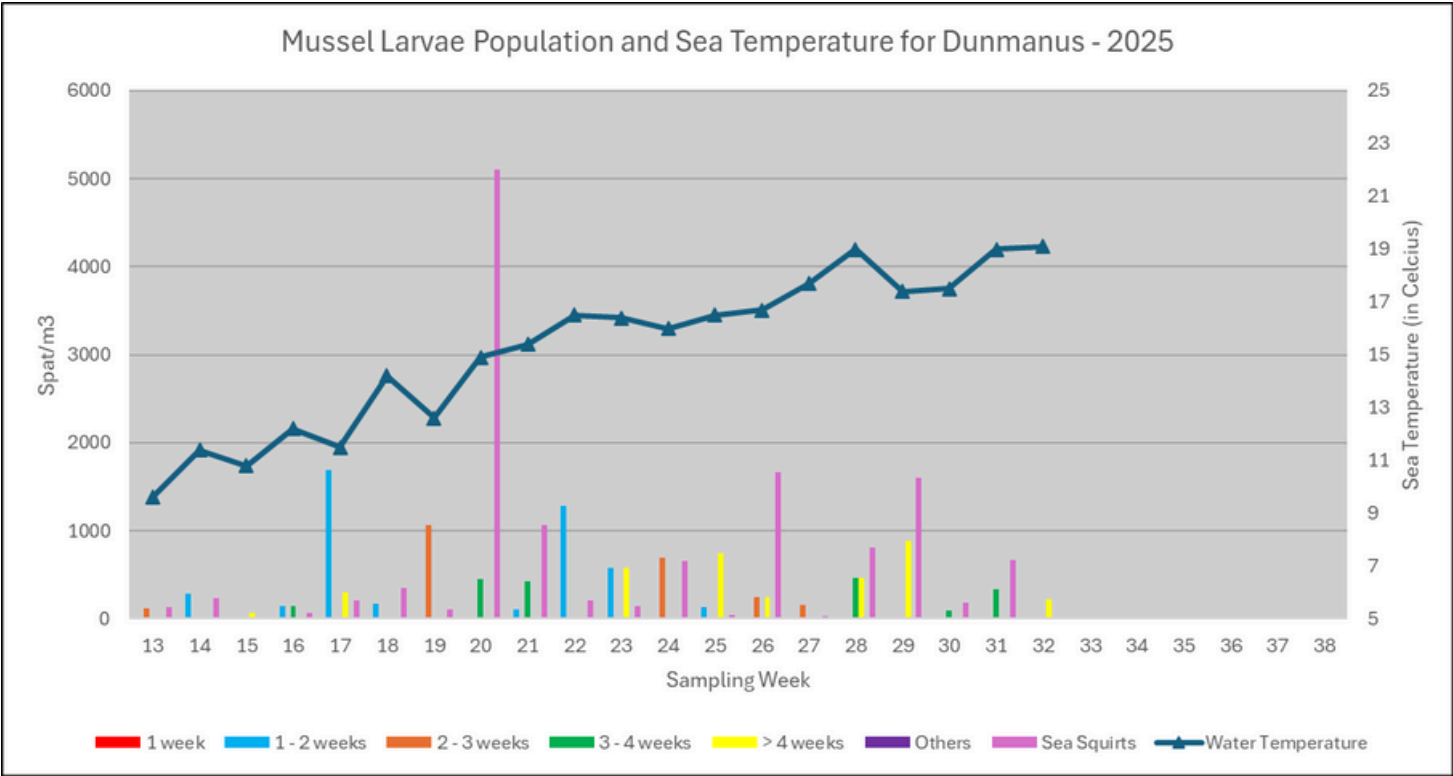


Condition Index (CI) for Dunmanus Bay



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



Commentary

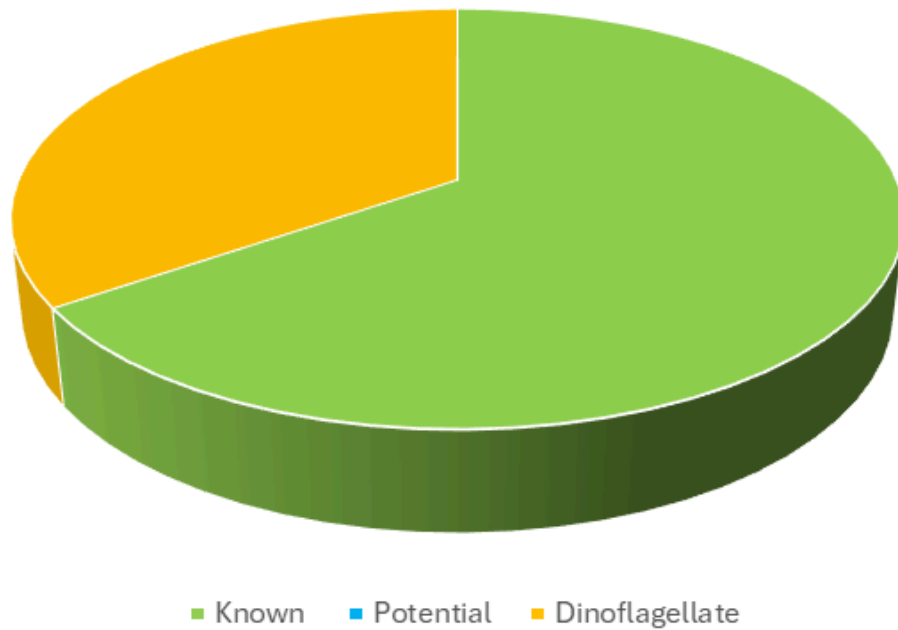
The Condition Index (CI) in Dunmanus increased slightly at 38.6% (+1.7% from the previous week). The sea temperature only increased by 0.1°C at 19.1°C.

The larvae population decreased to 226 spat/m³ composed of 4 to 6 weeks old larvae (from 339 spat/m³ of 3 to 5 weeks old on Week 31). **Those larvae would be expected to settle in the coming week (Week 33).**

No sea squirt was observed in the sample. However, it presented a high level of benthic debris. The copepods, barnacles and crab concentrations were all moderate. The phytoplankton biomass in the sample was low with Ceratium being dominant.



Phytoplankton Distribution



The phytoplankton concentration further increased in Week 32 to 9,600 cells/litre, dominated by known food source species (65%) followed by dinoflagellate (35%).

