

Dunmanus Bay

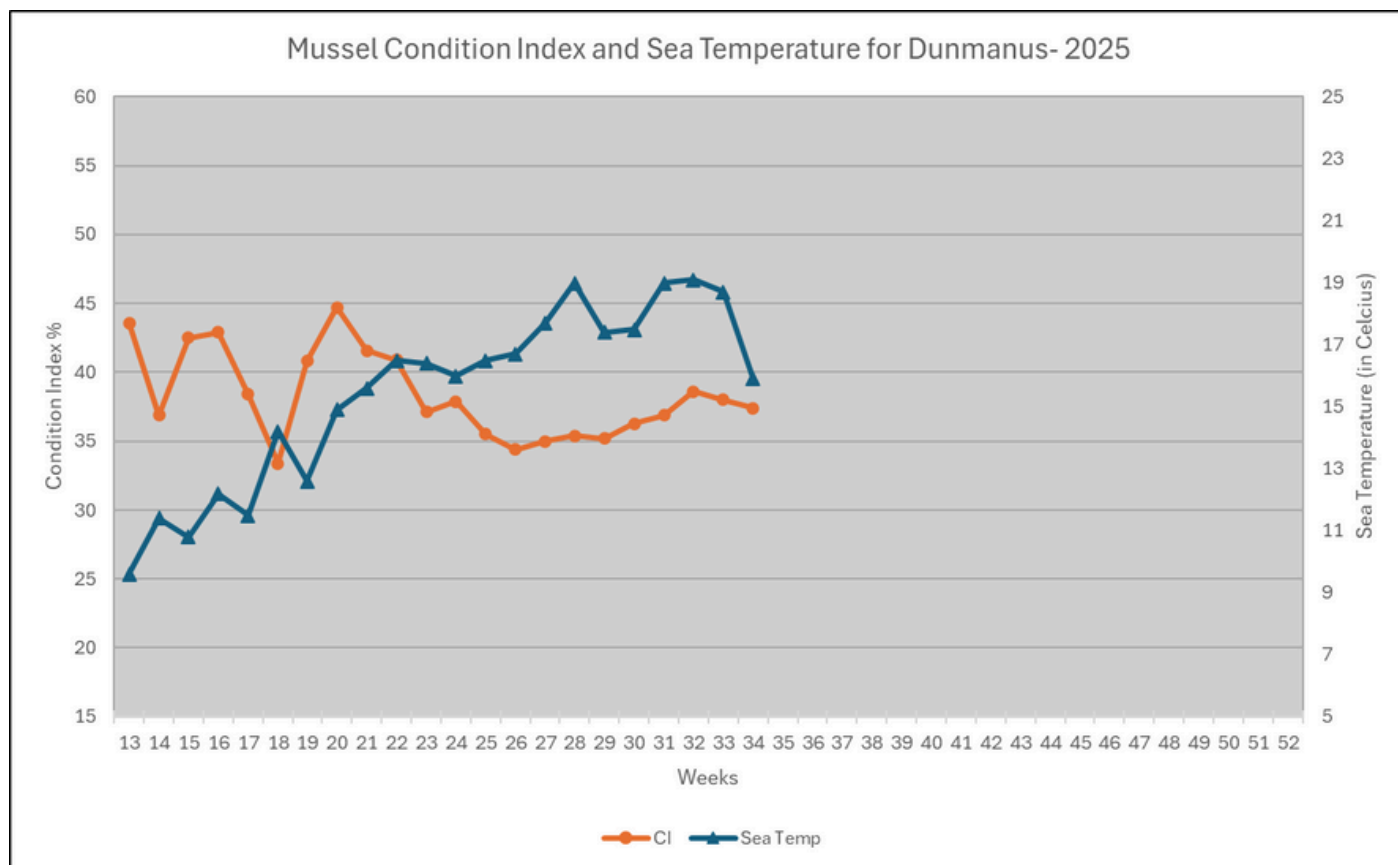
Southwest Mussel Larvae sampling

25th August 2025

Week 34 (18/08/2025 to 24/08/2025)

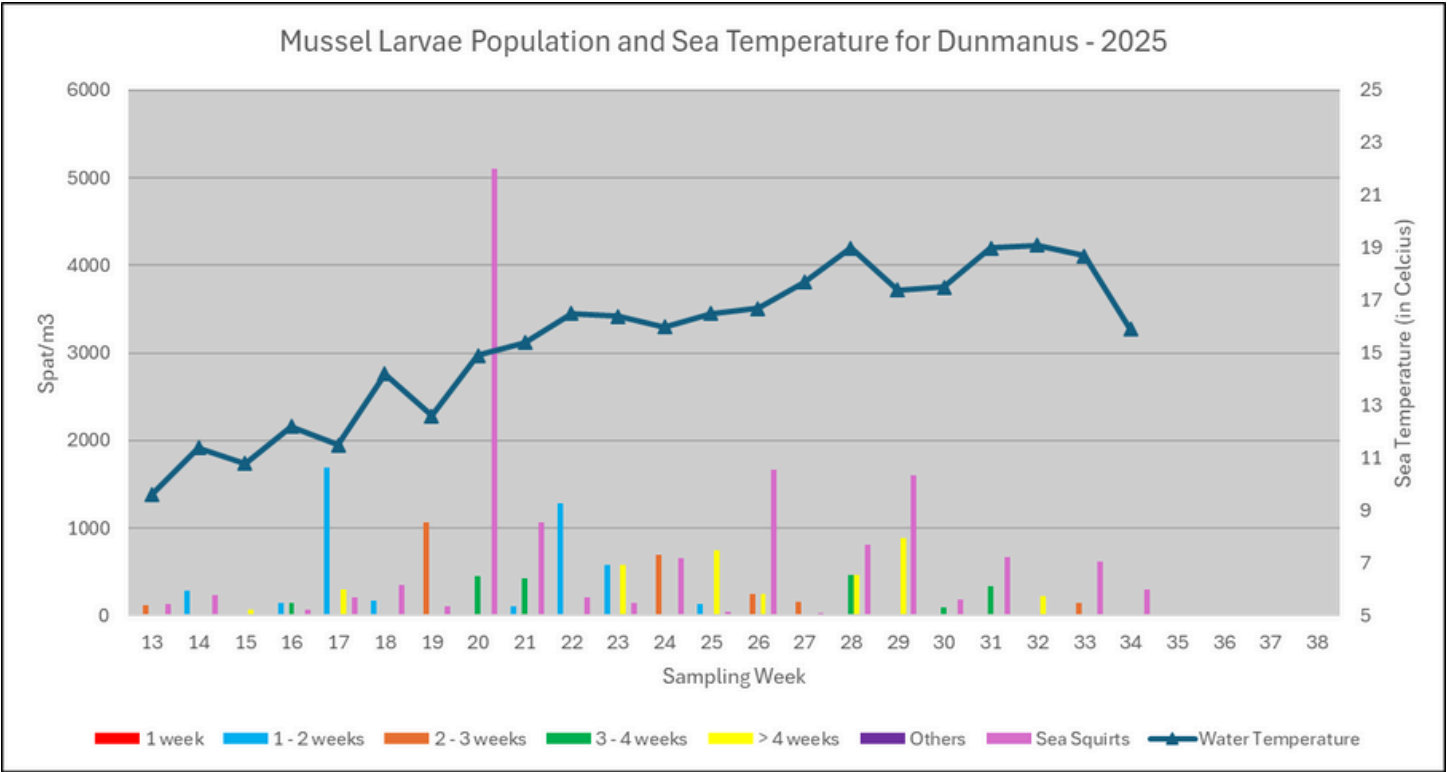


Condition Index (CI) for Dunmanus Bay



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

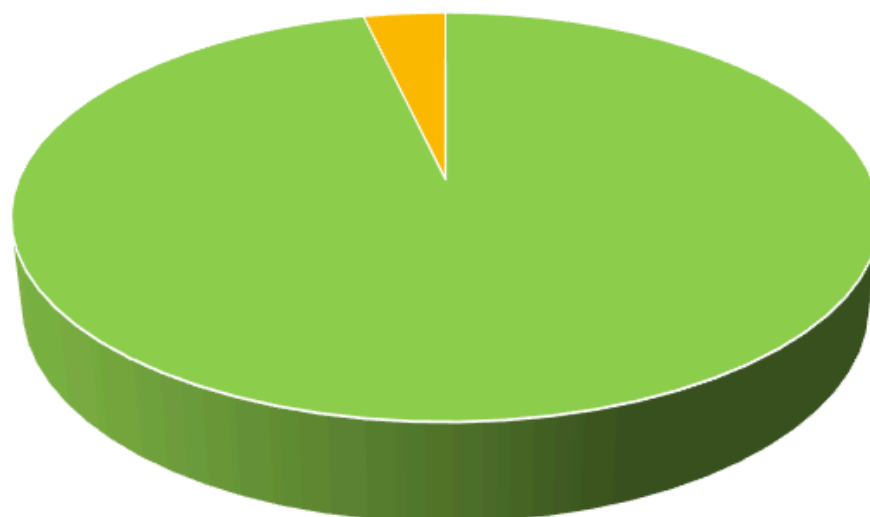
The Condition Index (CI) in Dunmanus was stable at 37.4 % (-0.6% from the previous week). The sea temperature decreased significantly by 2.8°C at 15.9°C.

There were no larvae found in the sample.

The level of sea squirts decreased on Week 34 to 304 ind./m³. Copepods and micro jellyfish levels were high in the sample. The phytoplankton biomass in the sample was high with Rhizosolenia, Pn. seriata group and Chaetoceros being dominant.



Phytoplankton Distribution



■ Known ■ Potential ■ Dinoflagellate

The phytoplankton concentration sharply decreased in Week 34 to 58,280 cells/litre, dominated by known food source species (96%) followed by dinoflagellate (4%).



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