

Dunmanus Bay

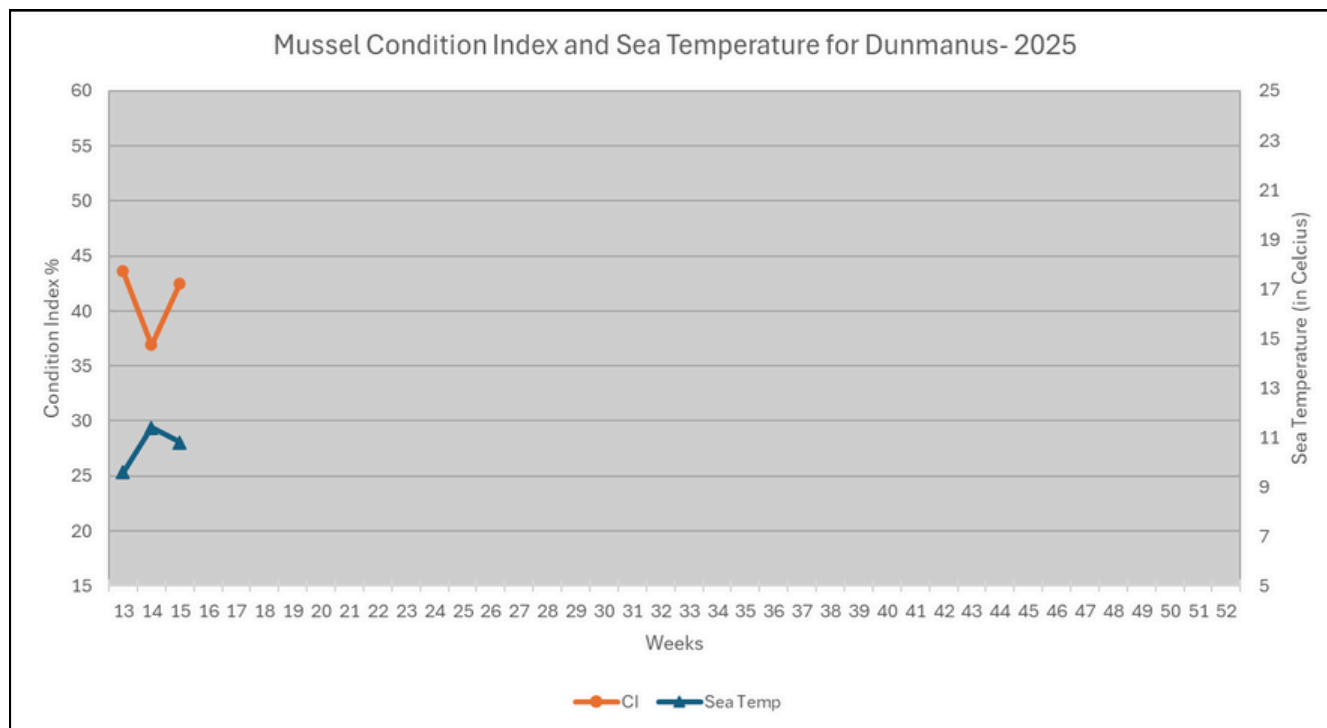
Southwest Mussel Larvae sampling

11th April 2025

Week 15 (07/04/2025 to
13/04/2025)

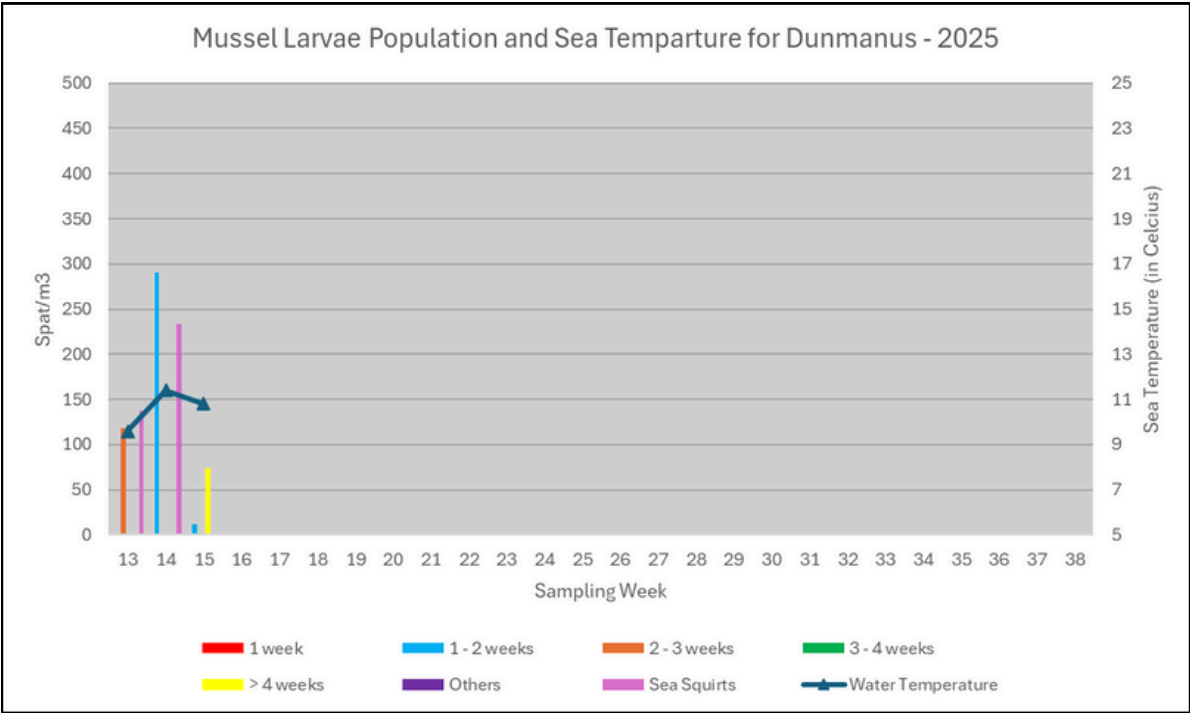


Condition Index (CI) for Dunmanus Bay



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 has increased from the previous week (up by 5.6% to 42.5%), which could indicate some reconditioning following last week’s possible spawning. Meanwhile, the sea temperature has dropped by 0.6^{°C} to 10.8^{°C}, which could be related to the sampling time.

The sample presented low levels of phytoplankton, with *Thalassiosira* being the dominant species. A high concentration of copepods was also observed, while the concentration of barnacles was low. No sea squirts were observed in the sample(previous weeks concentrations are now included in the graph).

There is currently no indication of a short-term settlement (within 2 weeks) in Dunmanus.

Starting on Week 16, additional phytoplankton samples will also be collected (1 per bay). Results will also be communicated on the weekly bulletins.