

Beara Sound

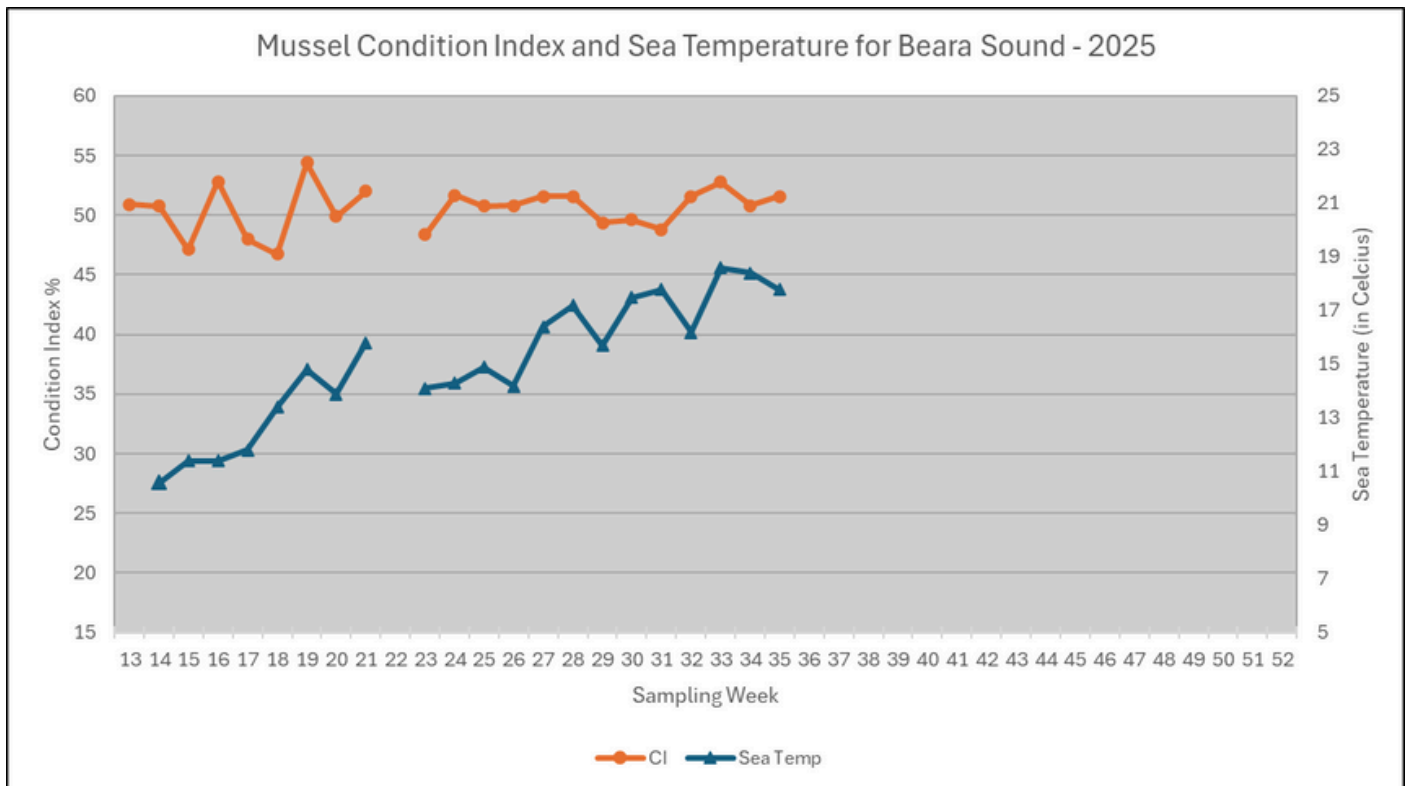
Southwest Mussel Larvae sampling

5th September 2025

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

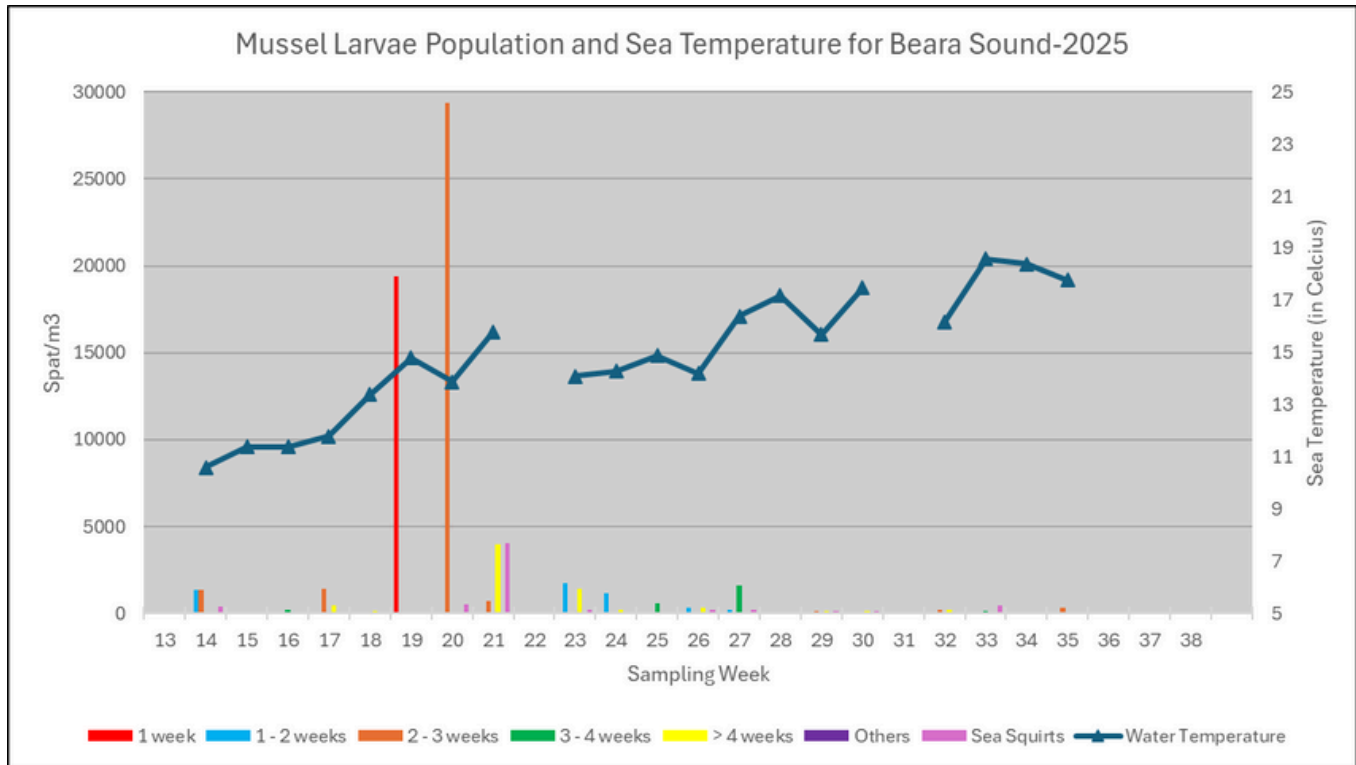


Condition Index (CI) for Beara Sound



Larvae population evolution for Beara Sound

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

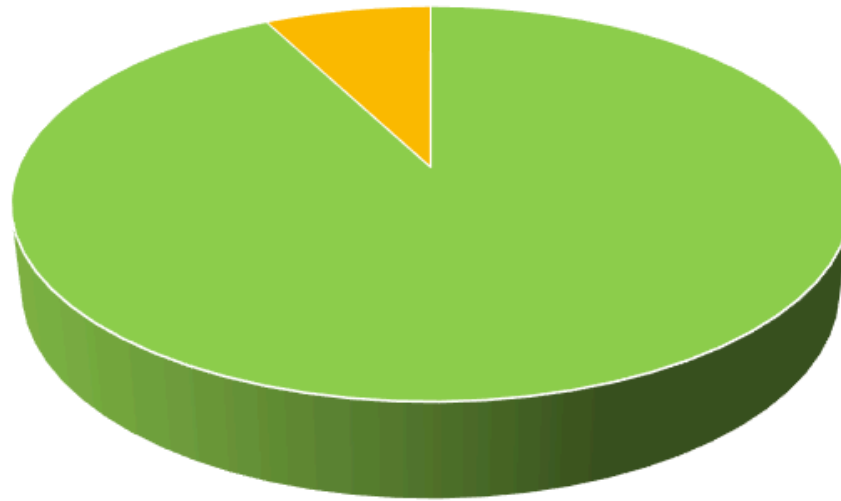
The Condition Index (CI) for the Beara station showed a slight increase on Week 35 at 51.6 % (+0.8 % from the previous week). The sea temperature decreased only by 0.6°C from Week 34 to 17.8°C.

The larvae concentration in sample to 364 spat/m³ of 2 to 4 weeks old larvae which is a significant increase in comparison with the last two weeks.

No sea squirts were observed in the sample. The sample presented low levels of copepods and barnacles. The phytoplankton in the sample showed high levels of Rhizosolenia, Noctiluca, P.n. seriata.



Phytoplankton Distribution



■ Known ■ Potential ■ Dinoflagellate

The phytoplankton concentration further increased in Week 35 to 43,800 cells/litre, dominated by known food source species (92%) and some dinoflagellate (8%).

