

Beara Sound

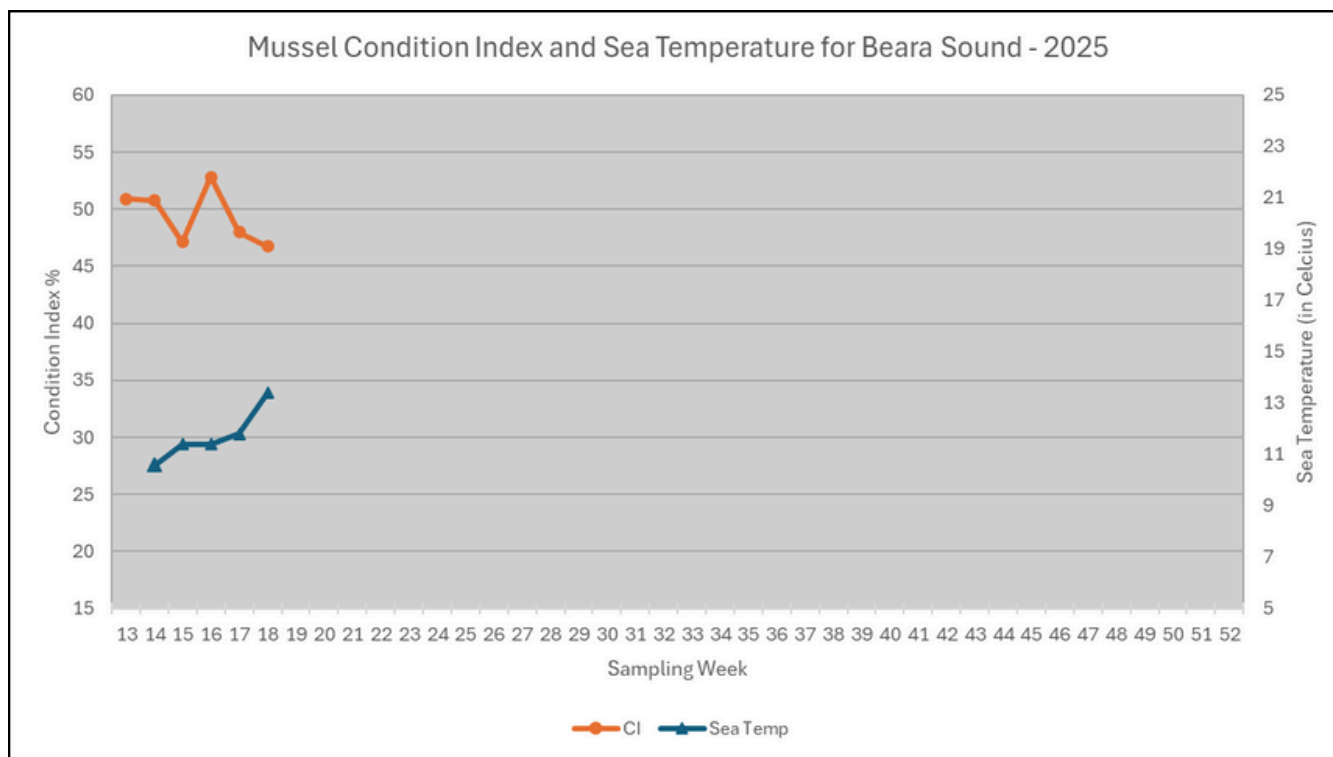
Southwest Mussel Larvae sampling

2nd May 2025

Week 18 (28/04/2025 to
04/05/2025)

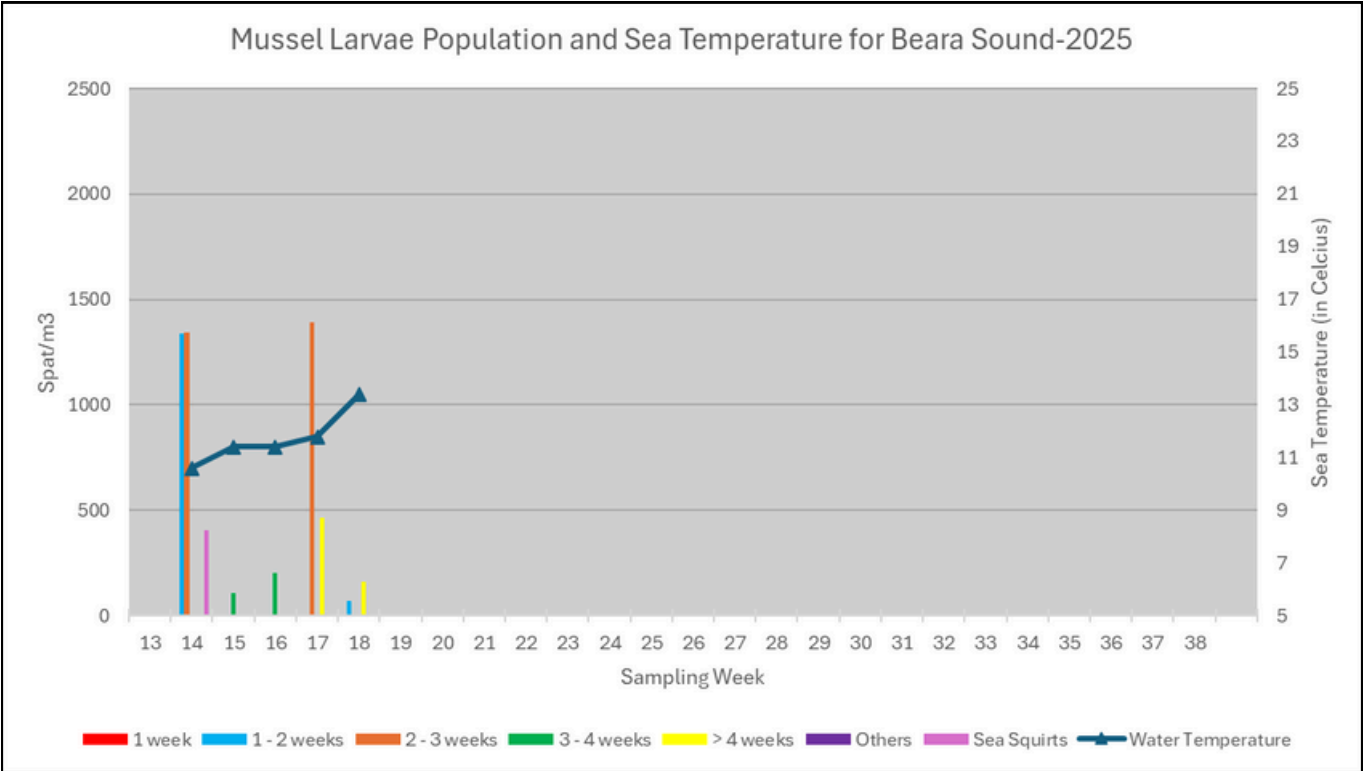


Condition Index (CI) for Beara Sound



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



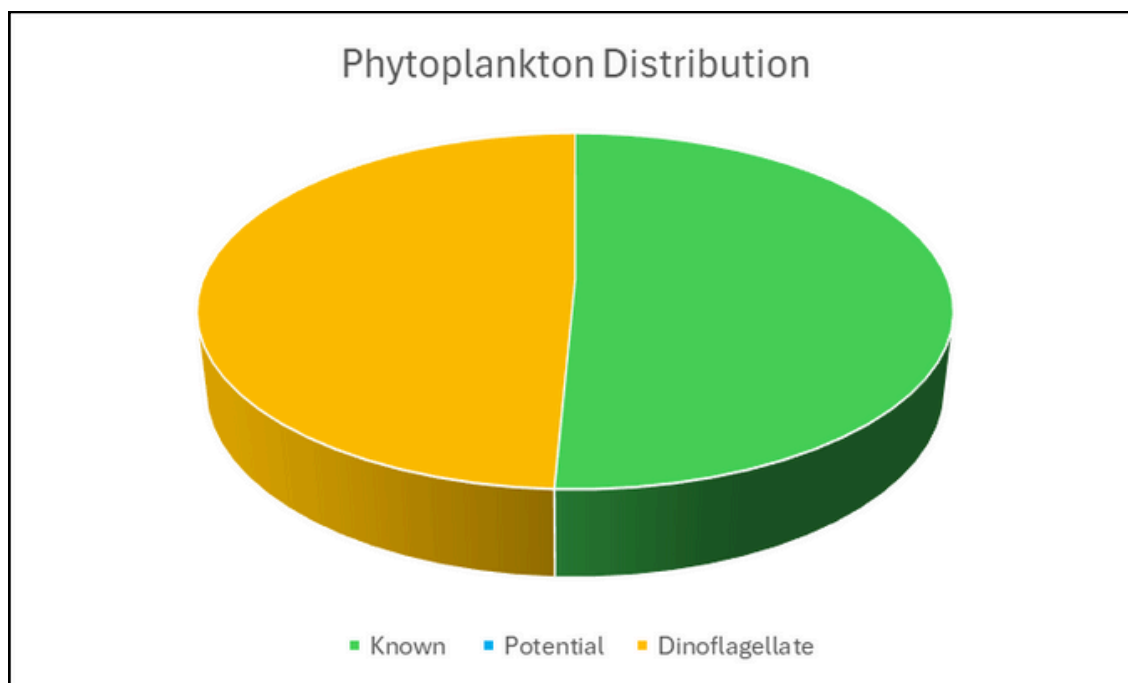
Commentary

The mussel Condition Index (CI) is still decreasing on Week 18 (down by 1.25 % to 46.75%). The sea temperature increased by 1.6°C to 13.4°C.

The sample presented a significant drop in larvae (226 spat/m³), composed mainly of older larvae comprised between 4 and 6 weeks old (158 spat/m³) and a low concentration of 1 to 2 weeks old (68 spat/m³).

Potential eggs were observed at a moderate level. The sample presented a high level of phytoplankton, dominated by *Pseudonitzschia seriata* and *Chaetoceros* species.





The phytoplankton concentration was higher than the previous week (up to 104,240 cells/litre) with suitable species representing 51%.

