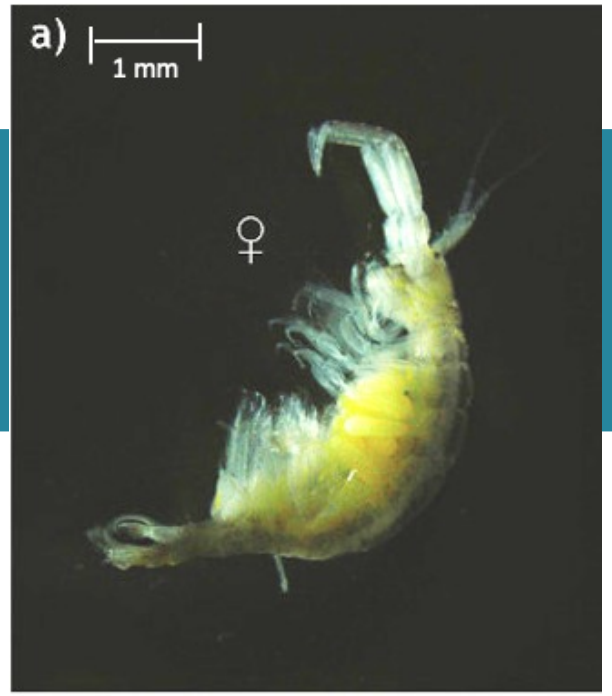
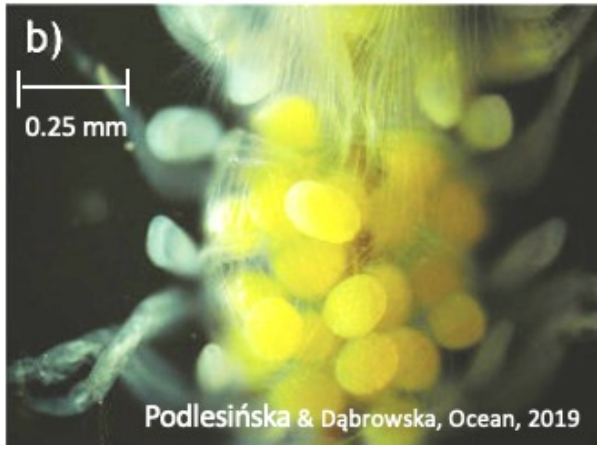
How do multiple human stressors impact amphipod ecology?

UNIVERSITY of OTAGO
Te Whare Wānanga o Otāgo
NEW ZEALAND



Nutrients
Food quality
+
Microplastics
In the sediment
➡
Feeding & Reproduction
Body condition
➡
Food Web Disruption
Bottom-up control

The cumulative impacts of microplastics and nutrient run-off on the body condition and population dynamics of amphipods, a marine canary-in-the-coal-mine



This year my study will be looking at:

- 4-5 estuaries with different catchment usage
  - Samples for nutrients, microplastics and sediment composition
  - Samples of pregnant and non-pregnant amphipods for fatty-acid analysis

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