

Competition of Alien and Native Seaweeds

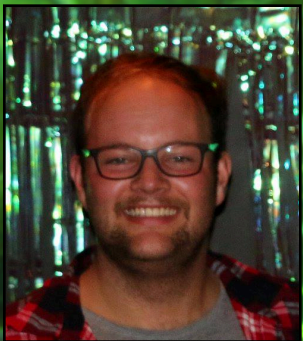
Does introduced seaweeds like *Undaria pinnatifida* have an advantage in it energy usage over native species in a warming ocean?



I will be looking into how different seaweeds use energy in the dark by recording the oxygen usage (respiration rate) at different temperature points to predict how this will change relationships in warming oceans.

Undaria fact! – *Undaria sp.*, also known as Wakame, is edible and often used in Japanese cuisine.

With increasing sedimentation and increasing ocean warming its important to look into how our seaweeds will be effected by the limiting light and if alien species will have an advantage in New Zealand's changing oceans.



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