

Effects of non-native species on two life stages of the Olympia oyster, *Ostrea lurida* in the Elkhorn Slough Estuary



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Olympia oyster, *Ostrea lurida*



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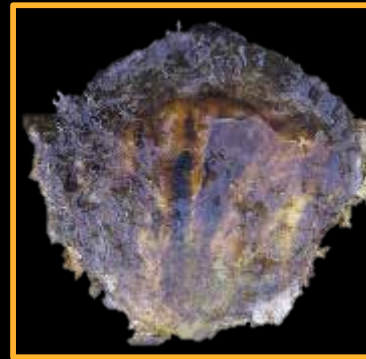


Australian tubeworm, *Ficopomatus enigmaticus*



1) Are juvenile oysters more likely than adult oysters to be overgrown by non-native species?

2) Does the competitive interaction between oysters and non-native species vary by tidal height?





Oyster racks were placed above and below Mean Lower Low Water (MLLW).



Adult experiments

Tubeworms present and removed



oysters and tubeworms

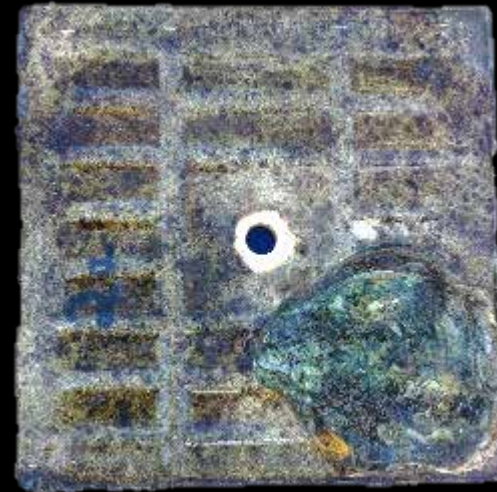


oysters

Non-natives present and removed



oysters and non-native species



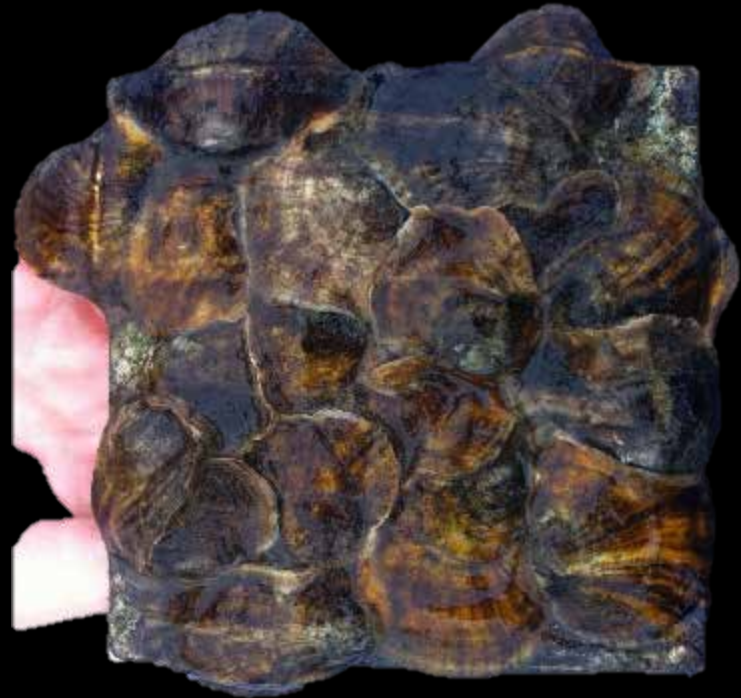
oysters

Juvenile experiment

Tubeworms present and removed



oysters and tubeworms



oysters





Adult oysters

Australian tubeworm had a neutral effect on oyster growth.

Non-native species had a facilitative effect on adult oyster growth.



Juvenile oysters

Australian tubeworm had no effect on oyster growth.

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