



Does Fear Affect Feces?



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Why are we doing this?

Mussels can contribute greatly to the filtration of water in local marshes and removal of nitrogen, but these effects could depend on if they are “scared” by predators. Looking at the effects that a predator has on the mussels’ filtration will indicate how the species will behave in its natural environment as restored communities mature.

Hypothesis:
Mussels will biodeposit less in the presence of predators

What we found.

Our results indicate that the predator exposure did not have a significant effect on the mussels’ filtration rates or biodeposition. These results help predict how much water mussels will filter and how they will contribute to denitrification as restored marshes mature.

