

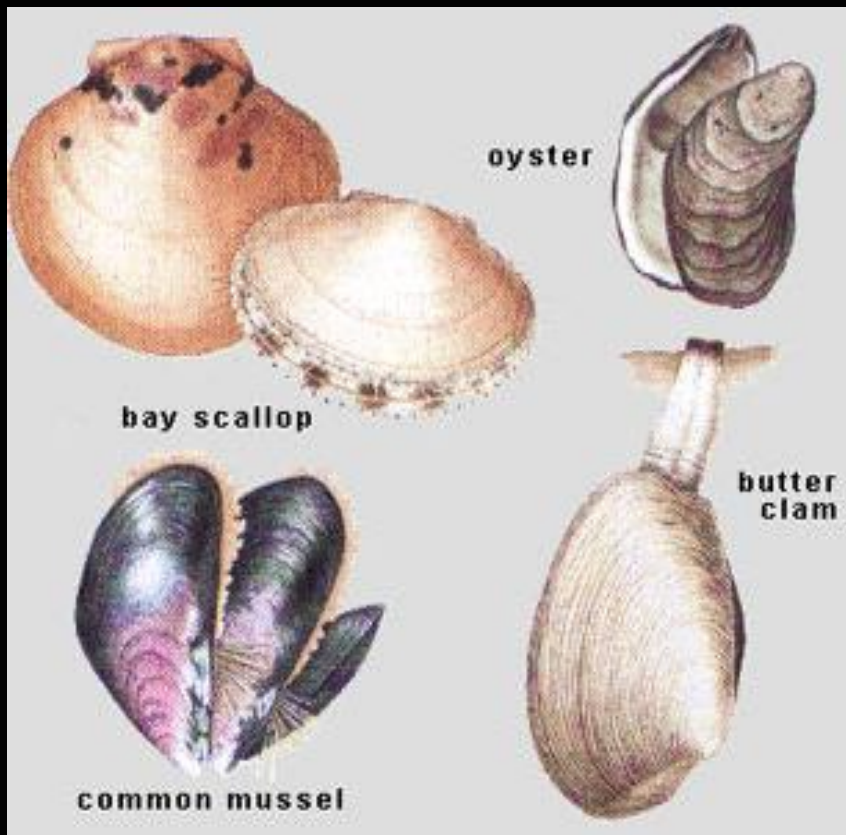
The Effects of the Hard Clam  
*Mercenaria mercenaria* on Sediment  
Erodibility

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# Background

## Bivalve

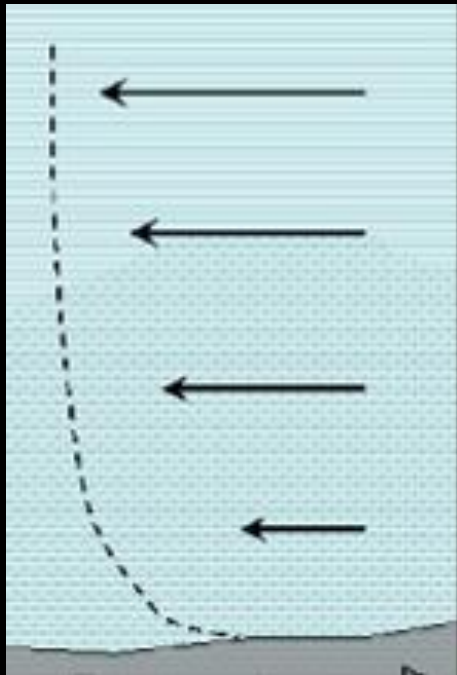


## Filter Feeder

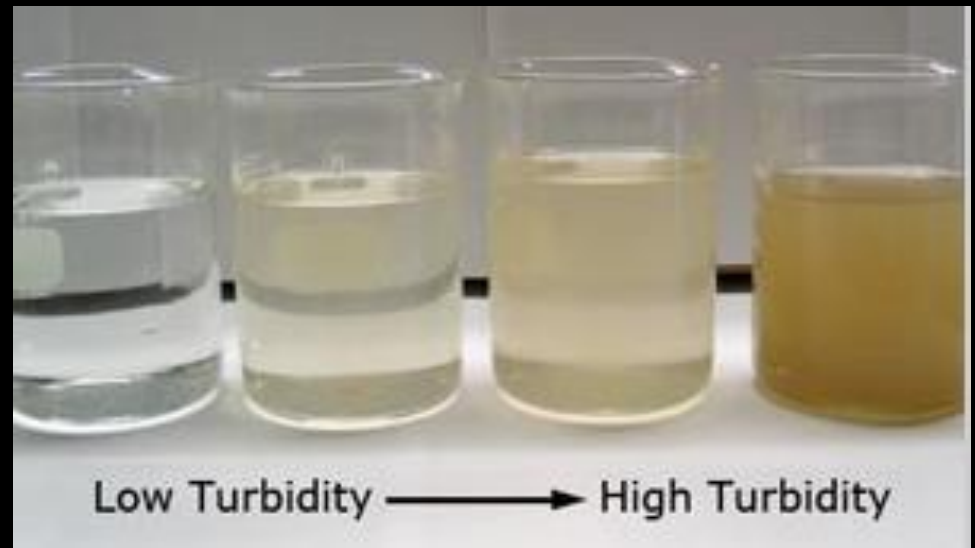


# Background

## Shear Velocity



## Turbidity



# Hypothesis

A high density of *Mercenaria mercenaria* along with more bottom shear-velocity, increases water column turbidity.



# Methodology





# Biological Scaling



# Physical Scaling



- Pump Calibration
- Spinning Plate Calibration

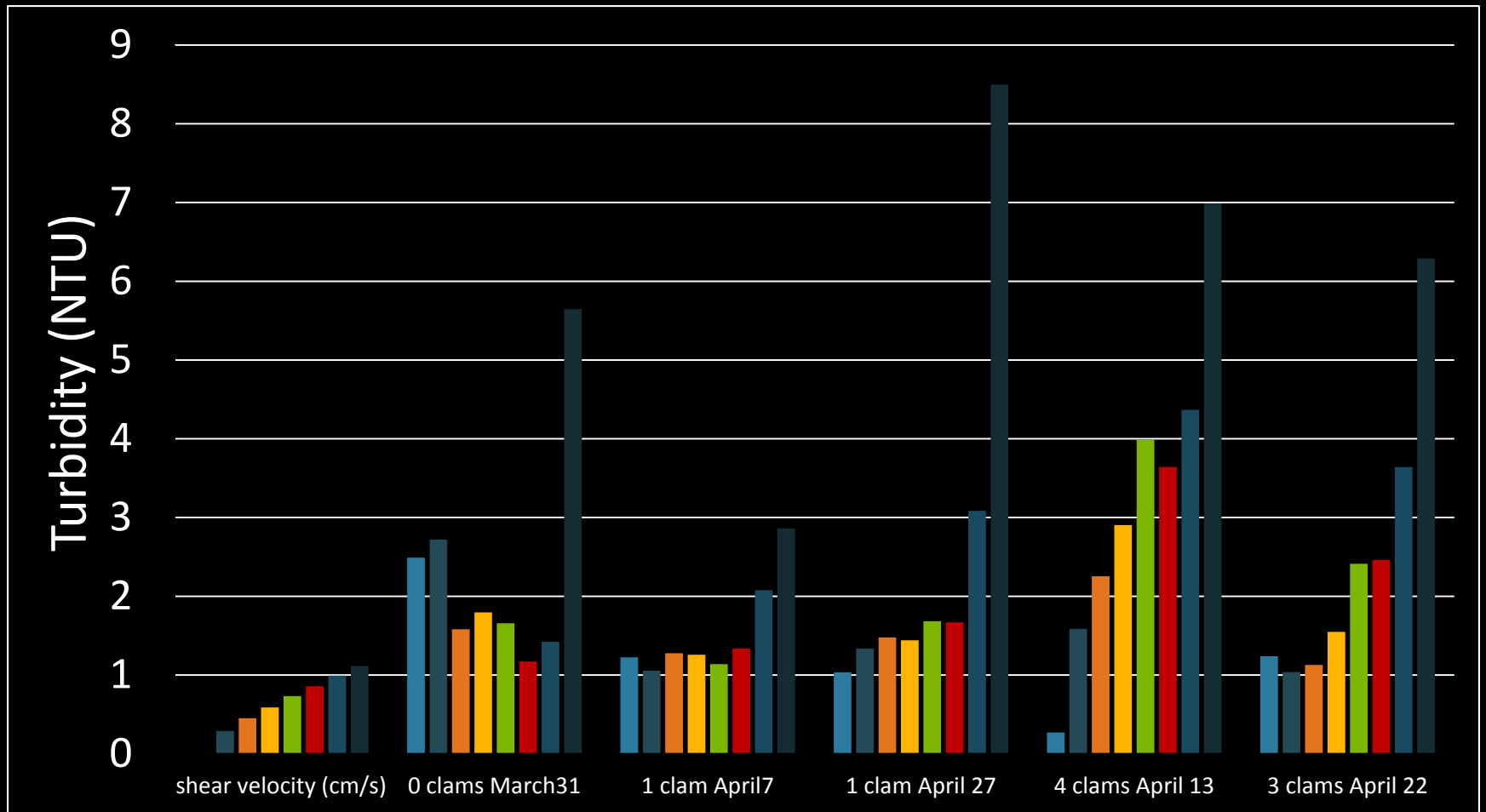




# Recording Data



# Results



# Discussion



Hypothesis: **ACCEPTED**

# Conclusion

## Importance of Study

- Ecosystem Function
- Climate Change/Species Habitat
- Erosion, Turbidity, & Water Column



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