


The Effect of  
*Corbicula fluminea*  
on Organic Matter  
in the Appomattox Watershed

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# Introduction

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- *Corbicula fluminea* is a nonnative Asiatic freshwater clam
- Competitive
- Affects ecological processes in streams
- Most prominent effect is biofouling



# Introduction

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- Remove organic matter from water column
  
- Habitat preferences
  - Fine, clean sand and clay
  - Moving water
  - No/low pollution

# Introduction

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- What are we looking for?
- Our hypothesis

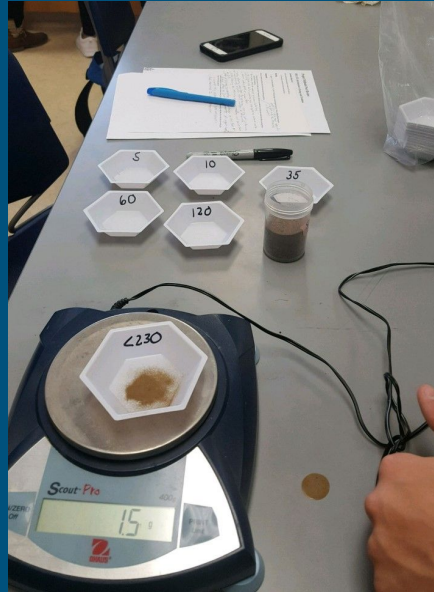


# Methods

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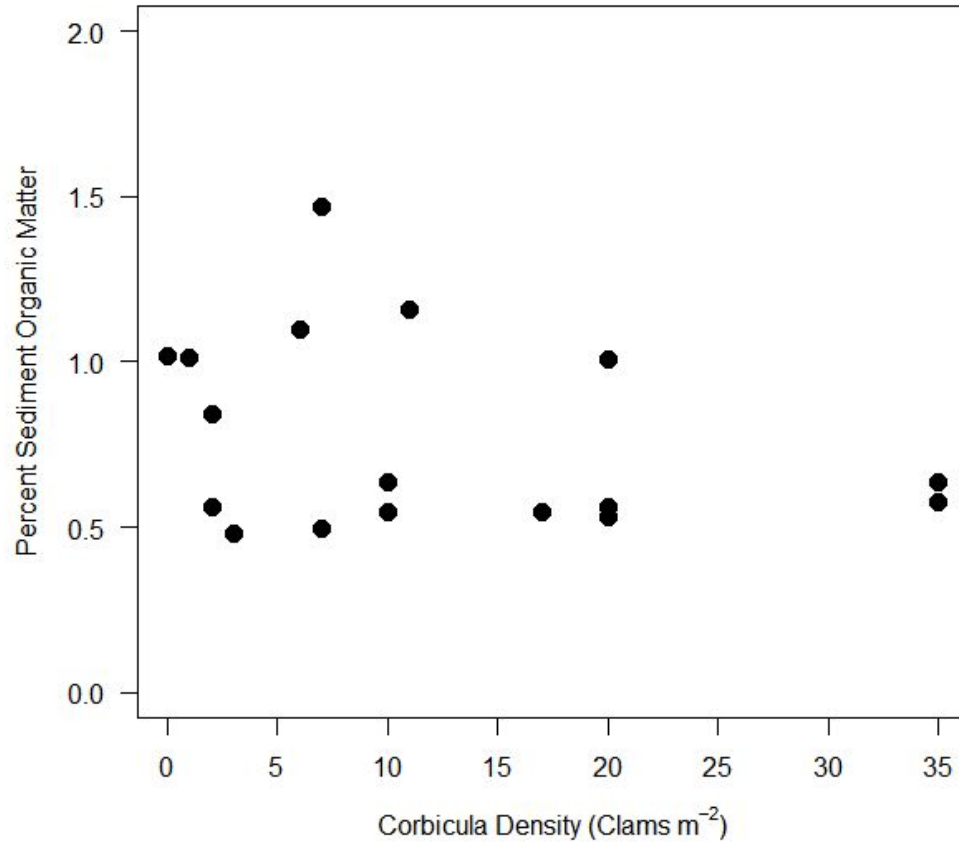


# Methods



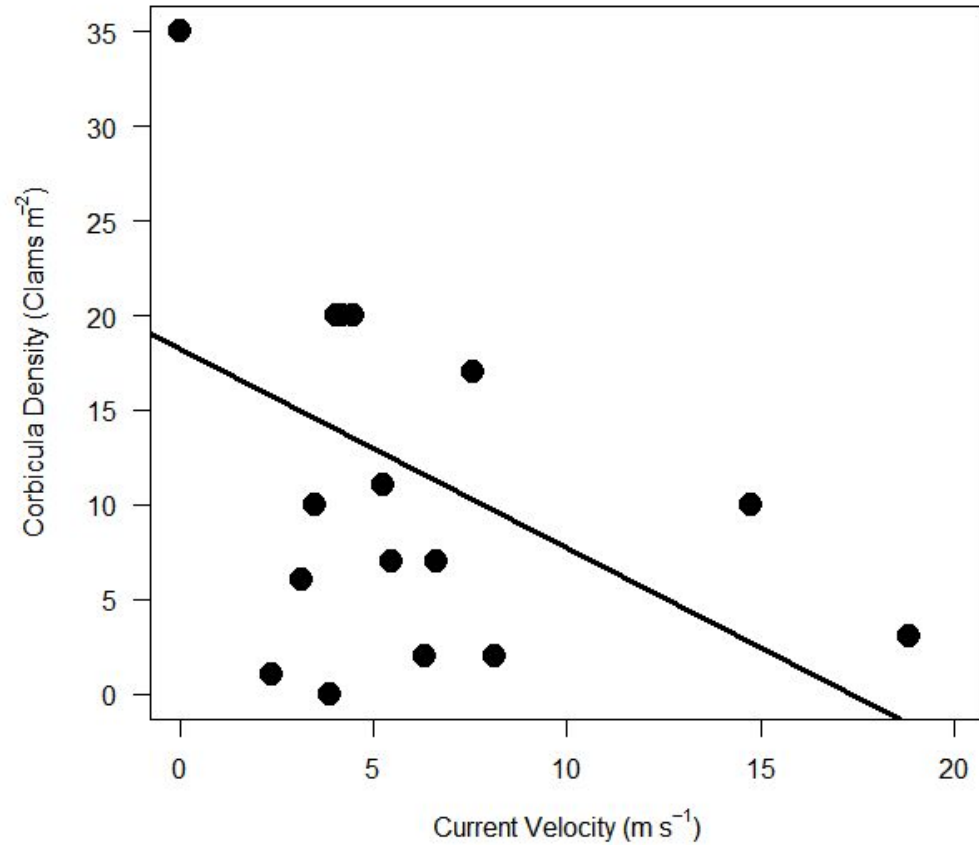
# Results

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# Conclusion

- There was no correlation
- Corbicula preferences

Rocky=6 sites	Sandy=7 sites	M=1 site	C=2 sites	G=1 site	current flow
109	87	0	9	20	
92.33avg	12.42avg	0avg	4.5avg	20avg	

