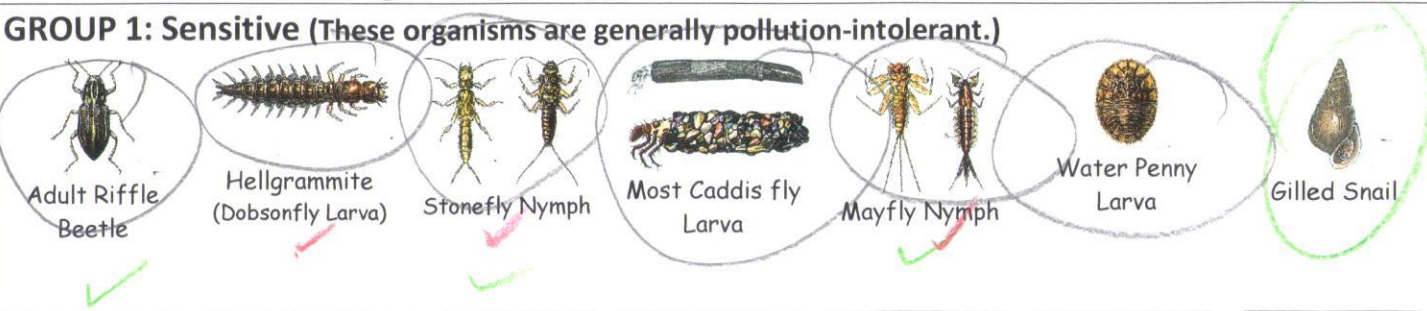


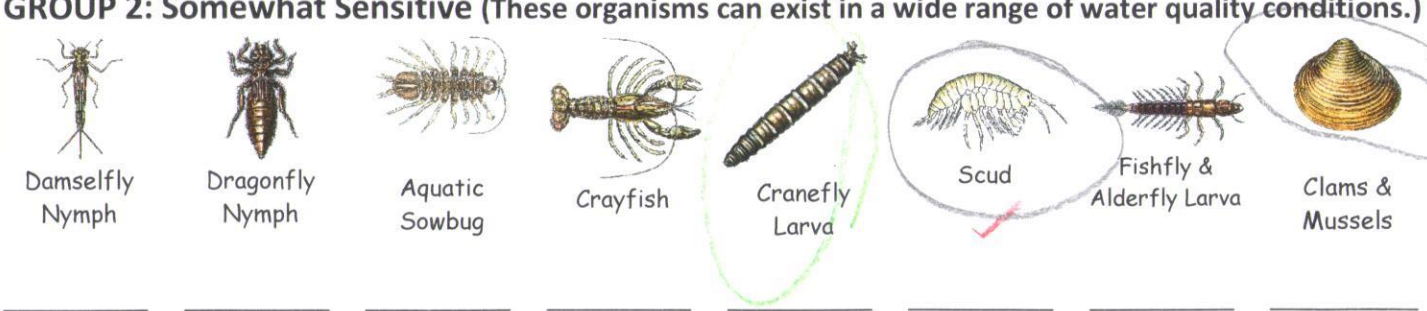
# DATA COLLECTION TABLE

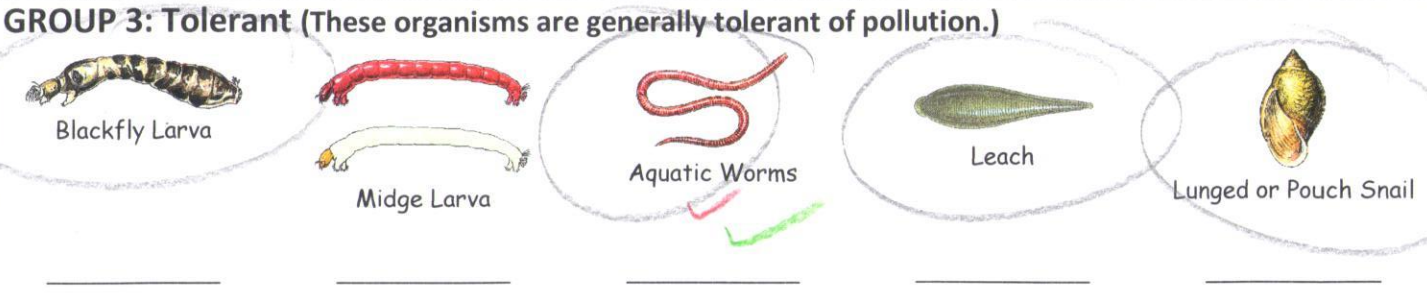
NOT TO SCALE

Group members:

All 3 classes combined  
3/23/18

Index Value	Pollution Tolerance Categories
Number of Circled Organisms <u>7</u> x 3 = <span style="border: 1px solid black; padding: 2px;">21</span> index value (ex. Multiple Mayflies count as 1 circled organism)	<b>GROUP 1: Sensitive (These organisms are generally pollution-intolerant.)</b> 

Number of Circled Organisms <u>3</u> x 2 = <span style="border: 1px solid black; padding: 2px;">6</span> index value (ex. multiple Crane-Fly larvae count as 1 circled organism)	<b>GROUP 2: Somewhat Sensitive (These organisms can exist in a wide range of water quality conditions.)</b> 
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Number of Circled Organisms <u>4</u> x 1 = <span style="border: 1px solid black; padding: 2px;">4</span> index value (ex. multiple aquatic worms count as 1 circled organism)	<b>GROUP 3: Tolerant (These organisms are generally tolerant of pollution.)</b> 
---	--

WATER QUALITY RATING

Circle the appropriate Water Quality Rating

Total Index Value =

31

Excellent (>22)

Good (17-22)

Fair (11-16)

Poor (<11)

(Add up the numbers in the boxes above.)

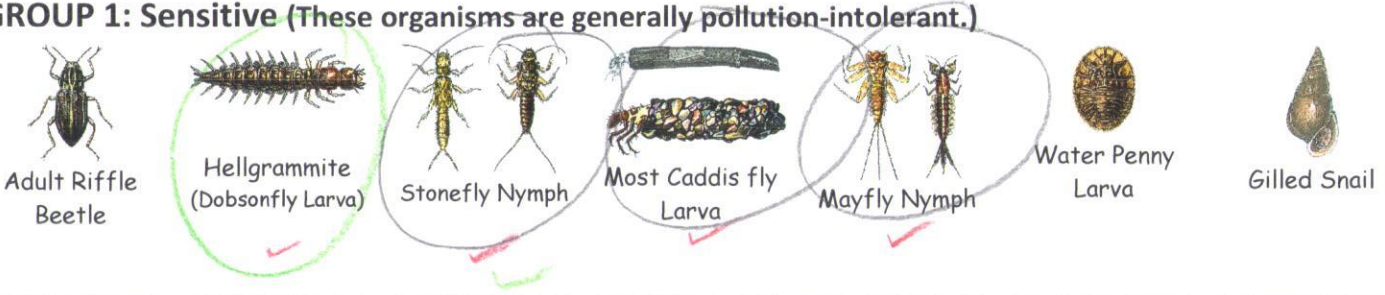
Your stream sample comes from: James River  
Upstream

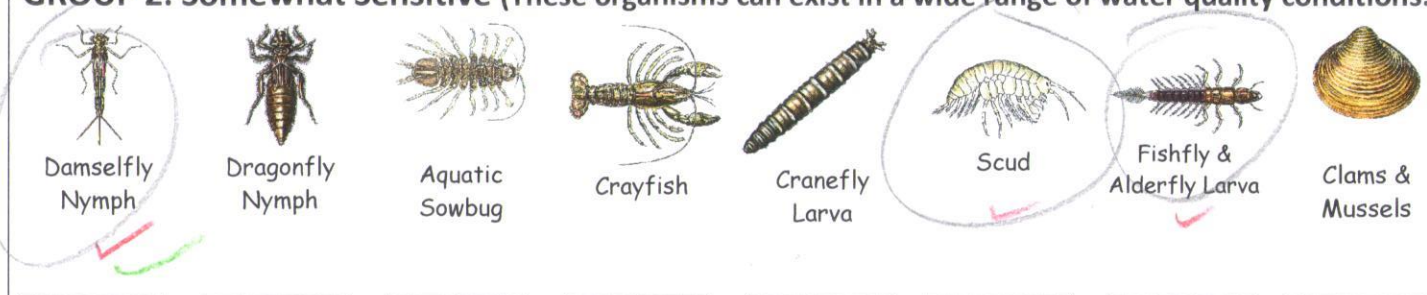
Group members:

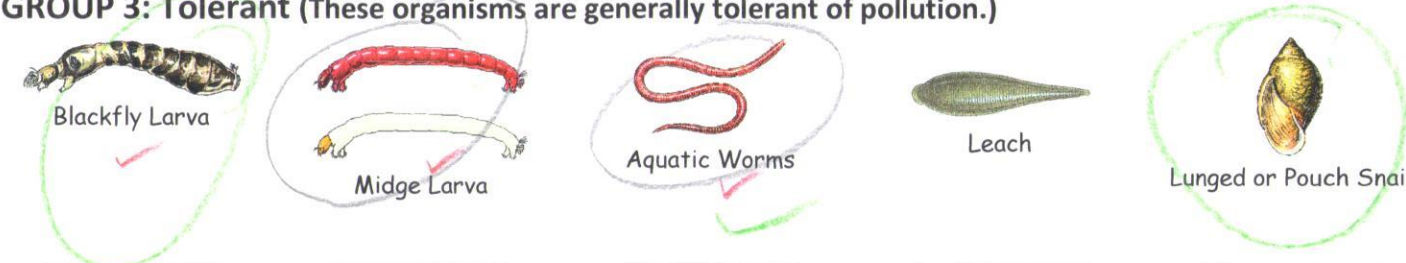
All 3 classes combined!  
3/23/18

## DATA COLLECTION TABLE

NOT TO SCALE

Index Value	Pollution Tolerance Categories
Number of Circled Organisms <u>4</u> x 3 = <span style="border: 1px solid black; padding: 2px;">12</span> index value (ex. Multiple Mayflies count as 1 circled organism)	<b>GROUP 1: Sensitive (These organisms are generally pollution-intolerant.)</b> 

Number of Circled Organisms <u>3</u> x 2 = <span style="border: 1px solid black; padding: 2px;">6</span> index value (ex. multiple Crane-Fly larvae count as 1 circled organism)	<b>GROUP 2: Somewhat Sensitive (These organisms can exist in a wide range of water quality conditions.)</b> 
--	---

Number of Circled Organisms <u>4</u> x 1 = <span style="border: 1px solid black; padding: 2px;">4</span> index value (ex. multiple aquatic worms count as 1 circled organism)	<b>GROUP 3: Tolerant (These organisms are generally tolerant of pollution.)</b> 
---	---

### WATER QUALITY RATING

Circle the appropriate Water Quality Rating

Total Index Value = 22 21  
 (Add up the numbers in the boxes above.)  
 Excellent (>22)    Good (17-22)    Fair (11-16)    Poor (<11)

Your stream sample comes from: James River  
Downstream

