



## STREAM SCIENCE

## LEARNING LOG 5

## SUMMARY DATA SHEET-2

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ HUI NUMBER: \_\_\_\_\_

Listen to the presentation of data from each *hui* and record the range and mean for the different habitat characteristics.

Habitat Characteristics	Urban Stream	Forest Stream
<i>Hui</i> 1: Percent shade cover		
<i>Hui</i> 2: Water temperature		
<i>Hui</i> 3: Dissolved oxygen		
<i>Hui</i> 4: Turbidity		
<i>Hui</i> 5: Velocity of streamflow		
<b>Invertebrates - Summary</b>		
<b>Stream life Diversity</b>		
Number of Invertebrate species		
Number of Native species		
Number of Non-native species		
<b>Stream life Abundance</b>		
Number of Invertebrate individuals		
Number of Native individuals		
Number of Non-native individuals		

**Challenge:** Look for relationships in the data and record your answers to the following questions:

1. How is shade related to temperature?



2. How is temperature related to dissolved oxygen?



3. Under which conditions is stream life most abundant? Why do you think this is true?

4. Under which conditions is stream life most diverse? Why do you think this is true?

5. Revisit your predictions on Learning Log 3 from the previous lesson. Which predictions were supported? Which predictions were not supported?

6. Which findings were most surprising? Why?