Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Ecosystem in My Transect

On graph paper, sketch your transect. You will be given points for accuracy and neatness. Your sketch must be labeled with your transect number.

Then answer these questions outside while observing your transect.

1. What are three biotic factors and abiotic factors that you see?

Abiotic:

Biotic:

2. Compare your quadrat sketch in the fall/winter to your quadrat now. What is your explanation for more or less biodiversity now?

3. Can you identify any evidence of competitive, predatory or symbiotic relationships in your transect?

4. What do you see as evidence for animal life?

5. Draw a food web below using four different organisms that could possibly live in or near your transect.

6. What are helpful or harmful human influences in your transect?

7. What is a concern you have for your transect?

8. What is something you could do to contribute to the health of your transect?