

LaunchLab What lives here?

Some landscapes support more organisms than others. In this lab, you will infer the relative numbers of species that can be found in each environment.

Procedure

- ①. Read and complete the lab safety form.
 - ②. Choose three locations in your community that are familiar to you, such as a tree, a group of trees, a drainage ditch, a field, a dumpster, a park, or a pond. *Spend 5-10 min in each location observing plant + animal life.*
 - ③. *Take at least ONE photo PER location. Insert the photos on pg 2-4 of this file. Label each photo with the location name.*
 - ④. Rank the locations in descending order, greatest to least, according to the number of species of animals, plants, etc., you think you would find there. *include observations with each photo*
 - ⑤. *Answer questions #1-3 below.*
- Data and Observations - do on pg 2, 3, + 4**

Analysis

1. Define *biodiversity* in your own words.

2. Explain how you chose to rank the locations in order.

3. Describe scientific methods you could use to find out how many species live in each habitat.

Location #1

*include at least one photo with label/location, as well as notes/observations about the type and amount of plant and animal life you see

Location #2

*include at least one photo with label/location, as well as notes/observations about the type and amount of plant and animal life you see

Location #3

*include at least one photo with label/location, as well as notes/observations about the type and amount of plant and animal life you see