Community Interactions

Find Someone Who…

Name;\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Period:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions:**

* Pick up a picture of an organism and use whatever resources you have available to research and learn about your assigned organism.
* Find out as much as you can about anything related to its Niche. This could include, but is not limited to how it gets nutrition, interacts with other species, where it lives, how it defends itself etc

**Research:**

**Rules:**

* Once your research time is over, circulate and find other organisms in the room that can fulfill the following statements.
* Write down the name of the organism and justify how they fulfill this particular role.
* There are multiple communities being represented, some questions can only be answered with organisms from your same community. (Example an elephant and a Caribou will never compete for food.)
* You can only use each organism once.
* If there is not an organism available to fulfill a particular statement choose an organism and explain why they don’t meet the criteria. (This is a last resort strategy)
* You can rely on others to help you learn about their organism.

**Activity:**

1. Find someone who…. could be a prey species in your community.

2. Find someone who… gets nutrition like your organism.

3. Find someone who… Is an indicator species in your community.

4. Find someone who… is a generalist species.

5. Find someone who… could be an introduced or invasive species in your community.

6. Find someone who… occupies the canopy (top) of trees.

7. Find someone who…. Your organism could competitively exclude from your community.

8. Find someone who…. Your organism could compete with for nutrition.

9. Find someone who… Your organism could compete with for space.

10. Find someone who… Changes niches seasonally.

11. Find someone who… is a possible predator to your organism.

12. Find someone who…. facilitates the spread of seeds.

13. Find someone who…. Uses mimicry to protect itself.

14. Find someone who…. Could provide **any** resource for your organism.

15. Find someone who…. Uses chemicals to defend itself.

16. Find someone who… Could have a mutualistic relationship with your organism.

17. Find someone who… Could be a parasite to your organism.

18. Find someone who… Could be a top consumer in a food chain your organism is part of

19. Find someone who… Is a keystone species in any community.

20. Find someone who… uses a unique reproductive strategy

**Analysis:**

1. What biome could your organism be found in?

2. What consequences could occur if your organism was removed from your community?

3. What consequences could occur if your organism experienced exponential growth.

4. Discuss one specific strategy that makes your organism successful in its community?

5. How would an increase in your community directly impact your organism? (give at least two specific examples.