Ecology Scenario Worksheet

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A leech that is stuck to another animal and is sucking it’s blood.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The name given to bacteria that are found on road kill, breaking the road kill animal down into simple organic substances.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A lone plant that is starting to grow on the side of a volcano after an eruption.

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A worm digs in the ground, then is eaten by a bird who is eaten by a coyote.

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name given to animals such a deer, sheep and cows because of what they eat..

6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A diagram that would show how energy flows through an ecosystem from producers to consumers.

7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A situation where a fish cleans algae from a shark’s fin and in turn the fish gets food and everyone benefits.

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Groups of populations such as grass, worms, birds, dogs, trees and humans that all occupy a given area live together.

9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The name given to a situation where animals like deer, sheep, horses and cows all need to use the same food source in a given area.

10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Snails, algae, worms, birds, trees, grass and deer are all examples of this type of ecological “factor”.

11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A study revealed that the maximum amount of deer that can be sustained in a particular area is 350 and still maintain a healthy herd. Scientists noticed that population numbers were continuing to climb and the deer were becoming ill. This because the population surpassed it’s?

12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A certain species of worm has become extinct from a given region of the forest. Data shows that there has been significant changes in the climate temperature, soil composition and a huge drop in sunlight exposure to the region. The problem seems to be centered around \_\_\_\_\_\_\_\_\_ factors.

13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A lion is attacking a gazelle that has been injured. The lion would be considered a \_\_\_ to the gazelle (the gazelle is the prey.)

14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A few years ago, a forest fire burned through the boundary waters in northern Minnesota, chasing all of the wildlife out of the region and destroying the plants, leaving just soil. This is an example of \_\_\_\_\_ succession.

15. \_\_\_\_\_\_\_\_\_\_\_\_ A group of 20 wild pigs, all of the same species, living in a designated region would be an example of a \_\_\_?