

Ecology Definitions

- _____ are groups of organisms that can potentially _____ to produce _____ offspring. For example, a horse and a donkey are different _____ because a mule is _____. "Potentially" is an important qualifier because members of a _____ may be _____ isolated.
- A _____ is a group of the same _____, living in the same _____ at the same _____.
- A _____ is formed when several _____ of different _____ live in the same area and _____ with each other.
- An _____ is formed when _____ are _____ with each other and the _____ environment. An example of something that is _____ is water. These environments can be modelled by creating a _____, which is effectively a balanced _____ in a jar. They should be completely _____, allowing only _____ to enter and _____ to leave.
- Most organisms are either _____, producing their own energy via _____ or _____, _____ other organisms for nutrition. It is worth noting that some organisms can be _____. An example is a _____. It is important to note that _____ must absorb _____ nutrients from their environment, such as _____, _____ and _____ to produce _____ molecules that will move up the food _____. The reason this is possible is that _____ are constantly being _____.
- _____ are _____ that feed on other organisms by _____ them. Specifically, primary _____ feed on _____, whereas secondary, tertiary and quaternary _____ feed on other _____. It is important to note their digestion is typically _____.
- _____ are _____ because they feed on _____ which is the waste of other organisms. Specifically, the waste is typically _____ matter or other _____

organisms. An example is a _____ beetle. It is important to note that their digestion is typically _____.

8. _____ are _____ that feed exclusively on _____ organisms. They are easier to distinguish because their digestion is _____. They _____ enzymes which digest the material, and then they _____ the products. An example is a _____. A trick for recognizing them is that they do not have a _____ nor are they _____ (colour).