\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name

\_\_\_\_\_\_\_\_\_\_\_Core

\_\_\_\_\_\_\_\_\_\_\_\_Date

Kyle Olsen’s Ecosystem Study Guide.

|  |
| --- |
| Ecosystem Autotroph Organism Abiotic Independent PhotosynthesisSecond Dependant Food WebFirst Adaptation Food ChainThird Biotic producersConsumers Decomposer population |

1. If you are alive you are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Producers make their own food through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a chain of animals eating each other and passing on energy.
4. There are five main \_\_\_\_\_\_\_\_\_\_\_\_\_ factors.
5. \_\_\_\_\_\_\_\_\_\_ eat dead animals and break them down.
6. The \_\_\_\_\_\_\_\_\_\_\_\_\_ level consumers eat the plants.
7. The \_\_\_\_\_\_\_\_\_\_\_\_ variable is the one thing that changes in an experiment.
8. \_\_\_\_\_\_\_\_\_\_\_\_ are another name for a producer.
9. The \_\_\_\_\_\_\_\_\_\_\_\_ variable is the effect of the independent variable.
10. Many animals in the desert use \_\_\_\_\_\_\_\_\_ to help hold water or blend in.
11. \_\_\_\_\_\_\_\_\_\_\_\_\_ are all the organisms (animals) in one area.
12. Animals that eat are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. \_\_\_\_\_\_\_\_\_\_\_ level consumers eat the second level consumers.
14. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ level consumers eat the first level consumers
15. An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a living creature.
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ uses sunlight, carbon dioxide and water.
17. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a complex web of how the animals pass energy.
18. Population is the amount of animals that live in an ecosystem.

List the following in the columns below.

Bird

Algae

Plankton

Invertebrates

Bush

Mushroom

Osprey

Swan

Bacteria

Tree

Fern

Lion

Worm

Dog

|  |  |  |
| --- | --- | --- |
| Producers | Decomposers | Consumers |
|  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   |  |  |  |  |  |

Mark all of the producers by circling them

Fill in the blanks

The osprey eats the \_\_\_\_\_\_\_\_\_\_\_\_.

The bivalves are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.