Name: Period: Date:

**Ecological Succession Notes**

Ecological Succession

* Definition:
* Often follows a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* There are two types of succession: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pioneer Species

* The first type of organism to start growing after an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is called a pioneer species.
* They are often very hardy plants that can survive in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Think “weeds.”

Primary vs. Secondary Succession

What is a lichen?

* An organism consisting of an outer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body enclosing photosynthetic \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The fungus provides: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the algae provide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Growing a Climax Community

* Pioneer species can tolerate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and provide some shade for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to grow.
* The shrubs provide enough cover for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to grow.
* Once the pine trees have matured, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-tolerant tree species (like \_\_\_\_\_\_\_\_\_\_\_\_\_) begin to grow and mature.
* The **climax community** is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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