Ecological Succession:

What is Ecological Succession?

What are the two main types of Ecological Succession?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession occurs in an area where there are no existing organisms and no soil.

Events that may lead to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession include:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession occurs in a region where some species remain, and soil is present.

Events that may lead to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession include:

Generally \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession is much faster than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession.

Secondary succession can occur in as little as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession may still require \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to complete.

The first species to inhabit a region are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ species. These species are generally very simple, and are key as they help create soil.

Examples of these species are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The next species are typically \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Then small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Then larger \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Eventually the ecosystem stabilizes to form the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ community.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ succession requires approximately \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to occur.

It is important to recognize that ecosystems change over time without any human intervention. Over very long time frames (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or even \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of years) climate changes, there are mass extinctions (so far \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ )in which much of the life on the planet dies off.

As well, even without ecological catastrophes, over time species \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* What we will next begin to discuss is how the current situation on Earth is different, and why or if we should care)?