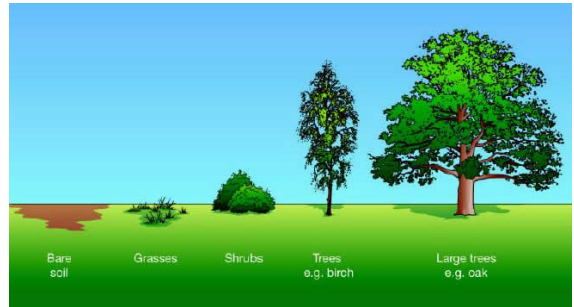


# Succession in an Ecosystem

The \_\_\_\_\_ growth and replacement of \_\_\_\_\_ species (animal species will change as plant species change).

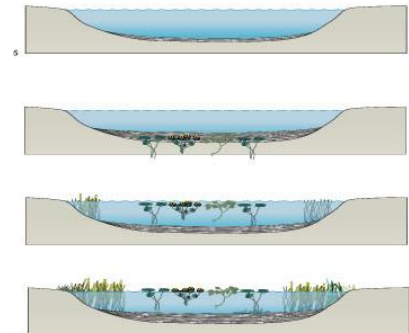
## Order of Succession on Land

1. \_\_\_\_\_, \_\_\_\_\_, and microorganisms begin to grow.
2. Brown \_\_\_\_\_ forms along with the moss & lichens.
3. \_\_\_\_\_ start to invade.
4. \_\_\_\_\_, weeds, and \_\_\_\_\_ plants start to invade.
5. Large \_\_\_\_\_ gradually become dominant.



## Order of Succession in Water

1. Algae and phytoplankton begin to grow on surface.
2. Rooting, submerged and floating aquatic plants invade.
3. Reeds and grasses start to invade around edges.
4. Organisms die, soil builds up
5. Shrubs, weeds and larger plants start to invade.



## Primary Succession

The \_\_\_\_\_ time succession has occurred in an area. Newly exposed earth ( \_\_\_\_\_ ) begins the succession process.

**This can take anywhere from 1000 to 2000 years!**

\_\_\_\_\_ succession happens on sand dunes, \_\_\_\_\_ outcrops, glacial till, \_\_\_\_\_ flows, a new island formed from an underwater volcano erupting

## Secondary Succession

Secondary happens in area that once \_\_\_\_\_ but has since lost it. So, it's the "second" time the area has succession. \_\_\_\_\_ is present.

Secondary succession occurs in \_\_\_\_\_ out forests, \_\_\_\_\_-over land, \_\_\_\_\_ farms, dried up ponds

**Pioneer community** – the \_\_\_\_\_ organisms to invade (lichens and mosses or phytoplankton and algae)

**Climax community** – the \_\_\_\_\_ plant community to establish itself

