A. **Ecological succession**-normal, gradual changes that occur in the types of species that live in an area

1. **Primary succession** begins in a place without soil.
   a. Starts with **pioneer species** such as lichens, that can grow on rock
   b. New soil forms as weather and erosion break down rock.
   c. Decaying plants add organic material to new soil.

Lichens growing on the trunk of a tree are an example of a pioneer species.
2. **Secondary succession** begins in a place that has soil and once had living things.

   a. Occurs faster and has different pioneer species than primary succession

   b. Example: after a fire or removal of buildings

B. **Climax community**-stable stage of ecological diversity and balance
Two types of ecological succession. **Click** the buttons for an example of each.
Name that succession!!!!! Better yet, tell why......

Secondary succession

Primary succession

Secondary succession
DISCUSSION QUESTION:

Why does primary succession take longer than secondary succession?

New soil has to form from rock and organic material.
Test your knowledge of section 1 with the self check quiz!