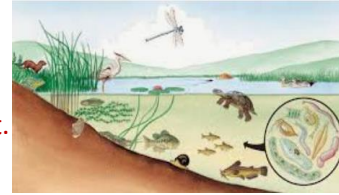


ECOLOGICAL SUCCESSION

What is succession? “take over” or “replaced” or “following one after the other”

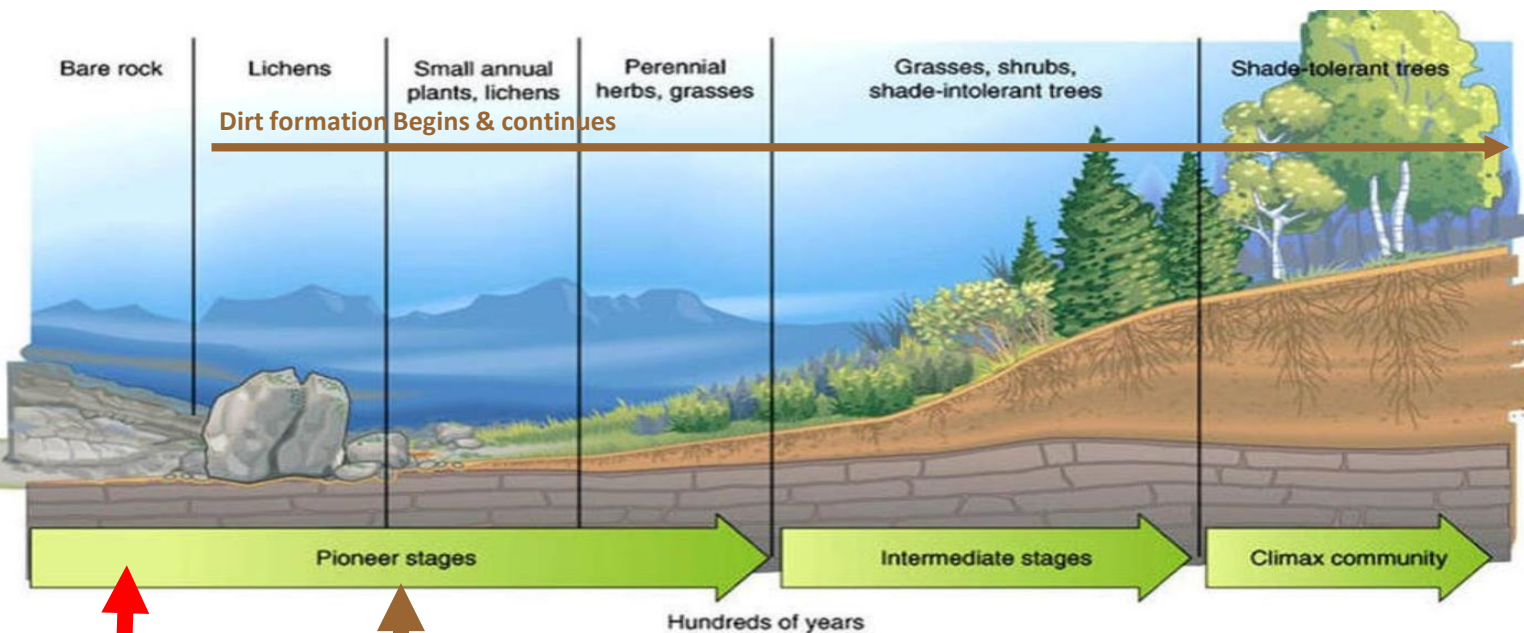
Ecological Succession? “when a species takes over another species” – Jackson Perry

- The process that describes how a biological community changes over time.
- **biological community**: an interacting group of various species in an environment/habitat.



From what/where does a biological community start from scratch?

1. a current community gets wiped out... Meteorite, Forest Fire, Bulldozing/Clear Cutting, Bomb, war
 - Something happens that takes the community down to the dirt.
 - Literally there is only dirt/soil left
 - ↳ **This leads to Secondary Succession**
2. New land is formed or current land is stripped all the way back to bare rock.
 - Volcanic formed Islands, Earthquakes push up new rocks, Rockslide/Mudslide, meteorite
 - Literally entire community gone even the dirt NO soil/dirt is left
 - ↳ **This leads to Primary Succession**



Primary Succession Starts Here

Secondary succession starts once we got dirt

Pioneer Species: Pioneer = first to do something, so a pioneer species is the first species to “move in” to an ecosystem.

Climax Community: fully mature, final stage of an ecosystem meaning there is nothing else that will come in and “take over”

Keystone Species: Help maintain biodiversity. Provide shelter, places to live, population control, etc...