EVOLUTION of Life

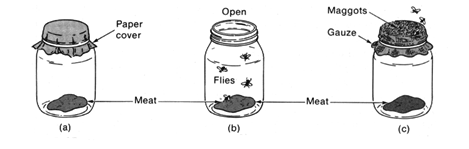
Abiogenesis Prokaryotic Prokaryotic Prokaryotic Endosymbiont Multicellular

Anaerobic Photosynthetic Aerobic Hypothesis Life

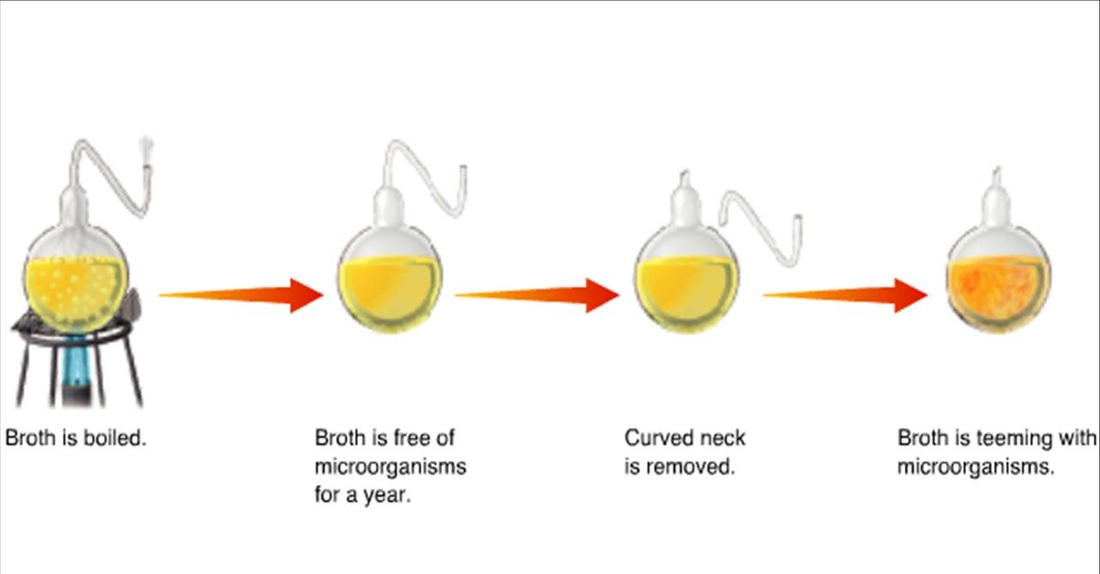
Heterotrophic

Heterotroph Hypothesis

Disproven by : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Disproven by : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



EVOLUTION: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evolution still happens!

Examples:

1.

2.

HOW does evolution occur?

**NATURAL SELECTION**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Adaptation:**

Proposed by \_\_\_\_\_\_\_\_\_\_\_\_\_

4 REQUIREMENTS

1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

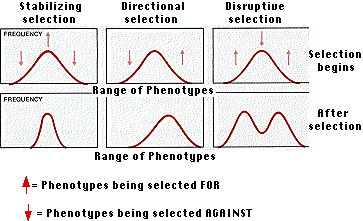
3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

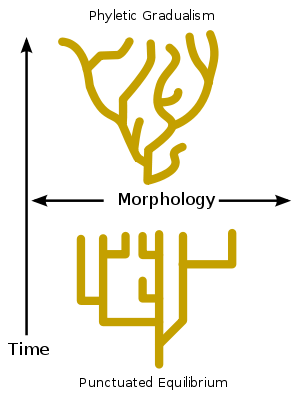
4)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Individuals DON’T evolve**, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ do!

* Requires a change in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the raw material for change
  + Can be selected \_\_\_\_\_\_\_\_\_\_\_\_.
  + Can be selected \_\_\_\_\_\_\_\_\_\_\_\_.
* 3 selection mechanisms:

\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_



[](http://en.wikipedia.org/wiki/File:Punctuated-equilibrium.svg)

**Speciation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Evidence for Evolution:

[http://t3.gstatic.com/images?q=tbn:ANd9GcT9LfDtSTfKP29GiWDI7DrxoHAkJZfCK70auzFSA9AcFJFVwgPA_uVTiA](http://www.google.com/url?q=http://www.arrivalofthefittest.com/Are_You_Being_Brainwashed2.html&sa=U&ei=npVWU7yhMaS62wX76oC4Aw&ved=0CDwQ9QEwBw&sig2=BDGXycWpt5eYPvhTBG3u8g&usg=AFQjCNG1sGLM-XRYMN_QHHWTkIHlXgwGOg)

