

SUPPLEMENTAL MATERIAL

Microevolution versus Macroevolution

Is Darwinian Evolution successful in explaining how life on earth evolved?

Microevolution:

- Describes changes of populations over time.
- These occur within species where new attributes develop. Microevolution is well established within the scientific realm.
- Example: Horses have different breeds due to their differences, seen from past horse population changes.
- Generally affects living beings ("living" in the scientific sense and an Islamic sense).

Macroevolution:

- Occurs across species where one species entirely changes into another. Macroevolution is not well established and still maintains a questionable stance in the realm of science.
- Example: Horses evolving into something that is no longer considered a horse.

Questions that remain:

- Has this actually happened? Is it metaphysically possible?
- Logically possible? Because even the evidence is not well established and questionable. Evidence does not live up to scientific standards.
- What convincing evidence is provided? Most of the evidence is not stable enough to consider.

Biological Connections:

This lesson can be connected to the chapter on evolution and biodiversity of life in Biology classes.

When discussing the last point about human classification, this can be connected to a taxonomy lesson, but show that human taxonomy under *homo sapiens* is an assertion made by evolutionary theorists. This claim can also be connected to the concept of *qaṭī* and *ẓannī*, as human taxonomy as classified in mainstream biology is *ẓannī*.