

Difference between Darwinism & Neo-Darwinism

Darwinism (Natural Selection)

- It is the original theory given by Charles Darwin (1859) to explain the origin of new species.
- A/c to this theory accumulation of continuous variation causes change in individuals to form new species.
- It believes in the selection of individuals on the basis of accumulation of variation.
- Darwin does not believe in Isolation.
- It can explain the origin of new characters.
- Darwinism can't explain the persistence of certain forms in the unchanged condition.

Neo-Darwinism:

- Neo-Darwinism is a modification of the original theory of Darwin to remove its short-coming.
- It - instead (instead) of continuous variation, mutation we believed to help form new species.
- Variation accumulates in the Gene-pool & not in the individuals.
- Neo-Darwinism incorporates Isolation as an essential component of Evolution.
- The theory can not explain the origin of new characters.
- The theory can explain the occurrence of un-changed forms over million of years.