

Adaptation - A phenotypic trait with a functional role that has evolved through and is maintained by natural selection.

- *Spatial component*: Heterogeneity in the landscape facilitated differential selection processes
- *Temporal Component*: History of trait within evolutionary lineages.

Phenotypes

A quantifiable aspect of an organism that is not based upon the structure of DNA.

- Morphology
- Life history
- Behavior
- Gene expression