- Populations are defined as a group of successfully interbreeding individuals of a single species that share a common geographic area.
 - → no "reproductive barrier"
- <u>Evolution</u> is measured as the change in relative proportions of heritable variation in a population over a succession of generations.
- Natural selection only amplifies or diminishes heritable variations, not variations that an individual acquires during its life.
- Natural selection is situational.
 - Environmental factors vary in space and time.
 - Adaptations for one set of environmental conditions may be useless or even detrimental under other circumstances.

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