Theories about the Rate of Speciation:

- A) Gradualism
 - **Gradualism-** New species arise over vast periods of time for which there are slow somewhat constant allelic changes to the original species
 - Proposed by Darwin
- B) Punctuated Equilibrium
 - Punctuated Equilibrium- New species arise very fast over short periods of geological time
 - That rapid speciation is followed by stasis (equilibrium)- vast periods of time with Proposed by Gould and Davidge

 ly Adaped Species

 Evolution does NOT 1...

C) Perfectly Adam

Evolution does NOT lead to perfectly adapted species because NO species is perfectly adapted

- Environments change
- Selection pressures change