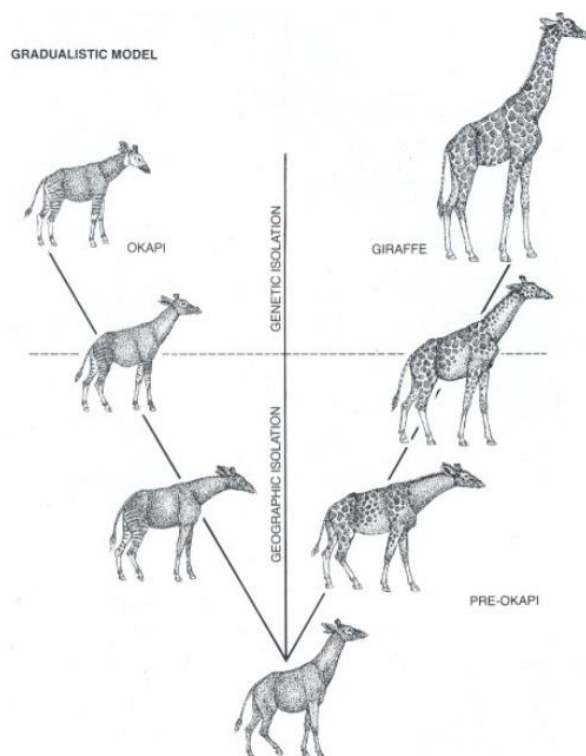


## The process of Speciation and Isolating Mechanisms.

### Introduction:

Evolution is the process by which new species are formed from pre-existing ones over a period of time. Alfred Wallace and Charles Darwin are the scientists credited with first putting forward the Theory of Evolution. A species (N.B. 'species' is both singular and plural) is a group of populations of organisms which are capable of interbreeding with one another. For new species to develop from a population some form of 'Isolating Mechanism' is required. There are TWO types of speciation, Allopatric and Sympatric.



<https://www.slideshare.net/towanda7979/speciation-powerpoint?ref=https://notesmaster.com/en/group/caribbean/1556-cape-covid19-support/28243-the-process-of-speciation-and-isolating-mechanisms>

**Take a look at the video below to learn more:**

[https://www.youtube.com/watch?v=vokh7YR02Mc&feature=emb\\_logo](https://www.youtube.com/watch?v=vokh7YR02Mc&feature=emb_logo)

### Test your Mastery:

1. Define Speciation.
2. Discuss the role of geographical isolation in the formation of a new species. Use diagrams to explain.