



Biogeography

Factors of Speciation

Name:

Section:

Score: ____ / 5

Directions: Answer the following series of questions based on the episode of BBC Earth's Planet Earth: Pole to Pole (<https://www.dailymotion.com/video/xj0mcu>). The Questions do not necessarily come in order so read the questions first and then answer them throughout the course of the movie.

Question Set 1: Latitude

Directions: Answer the series of questions related to the connection between latitude and speciation.

1. How is the sun's energy connected to latitude?
2. Give an example of a specific animal and how its life is directly connected to the amount of sunlight it receives
3. Connect in a specific example of plants and how their growth are connected to the seasonal amount of sunlight.

Question Set 2: Elevation

Directions: Answer the series of questions related to the connection between Elevation and speciation.

4. How is elevation different than latitude in terms of what determines the species of plants and animals that will be able to survive.
5. Give a specific example of a plant or animal and how it is directly affected by living at higher elevations.