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What is an Ecotone? How an ecotone is different from Ecoline?

Ans Ecotones are the transitional zone between two ecosystems or the communities. This is known as Ecotones.

Location - These are found where two biomes meet in a ecosystem.

Biodiversity - Rich in Biodiversity unique species are found here because of adjacent ecosystem.

Edge effect - There is a edge effect in ecotones which means there is wide range diversity or the species population. This is known as Edge effect.

Types of Ecotones - They can be natural like between the forest and grassland and also human made for eg urban and rural boundaries.

Therefore, these are the crucial for the ecosystem. They exhibit with wide range of unique species.

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The Ecoline - Ecoline is the gradual change in the environment condition such as temperature, humidity and soil. This is known as Ecoline.

Location - Ecoline found in higher gradient region

Biodiversity - There is no unique species in Ecoline.

Edge effect - There is no Edge effect because they exhibit in higher Altitudinal region like Mountain slopes.

Therefore Ecolines have the region where less amount of biodiversity because ecolines do not have boundaries.

In essence both ecotones and ecoline play a crucial role for ecological balance Environment changes. Ecotones act as indicator sensitive indicator.