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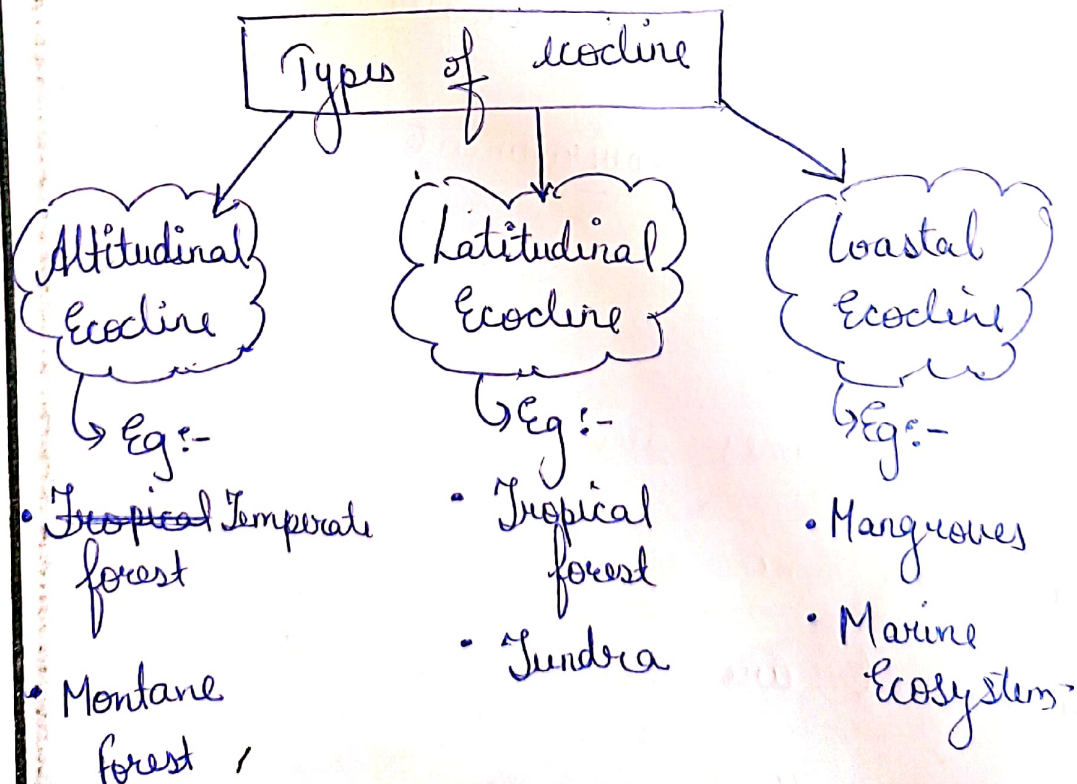
Que. What is an Ecotone? How an ecotone is different from Ecocline? (250w)

Ans. An ecotone is an transitional area between two or more different ecosystems or biomes. Ecotone represents the interaction and interrelation between the species of different ecotones. An ecotone can occur between grassland or dense forest, terrestrial and aquatic form or fresh water environment and the marine one.

Ecotones are rich in diversity and more no. of species are found in transitional area as compared to their low surrounding one.

Whereas, ecocline is a gradual or continuous change between one ecosystem to another. Ecocline mainly occurs across the environmental gradient.

Ecocline may find due to altitude, temperature, climate change or the depth. Wetlands are the best example of ecocline.



Overall, we can say that ecotones are the transitional area whereas ecoclines are the gradual changes between two ecosystems. Both are rich in diversity and focus on the key aspects of our ecosystem.

E.I. ✓