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## Importance of Isolation (Evolution)

B.Sc (H) - (Subs)  
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The Isolation plays an important role in the formation of new species, the Speciation, which can be defined as "Acquisition of Isolating Mechanism." If two populations are Isolated by means of Isolating Mechanism any factor, each population is acted by forces of Isolating Mechanism. The Origin of Isolating Mechanism is Genetic drift, Genetic Recombination & Natural Selection & new Mutation develops. This results in the Genetic diversity between two populations. It occurs when a Gene pool get divided by some Geographical or environmental factor the population gets differentiated to so as to give rise to Reproductive Isolation, which leads to Speciation. M. Wagner has stated that - the Isolation is a keystone for divergent evolution. A more important result of the Hybridization of species, is that Anderson has named retrogressive Hybridization. It has not been widely investigated among animals yet Huxley has stated that his studies on fishes, indicates that, this process is also active in the evolution of fishes & example same also been published for birds & other groups.