







What factors can affect the gene pool of a population?

Mate selection/Assortive mating/:

 Non-random mating. Individuals may seek out desired phenotypes in their mate, therefore increasing the frequency of the desired allele in the gene pool.

Genetic drift:

 "chance" events cause the allele frequency in small populations to change randomly from one generation to the next.



Bottleneck effect:

population size is dramatically reduced due to a catastrophic event.

Founder effect:

 a small number of organisms from a population colonize a new area.









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