

Variation affecting populations

Definitions

- Variation – differences among individuals of the same species
- Gene pool – all the alleles in a population
- Allele frequency – the number of times a particular allele occurs in the population
- Non-random mating – the breeding individual chooses their breeding mate based on characteristics
- Inbreeding – type of non-random mating when individuals of similar genotypes mate with each other
- Migration – seasonal mass movement of organisms from one habitat to another habitat
- Genetic drift - random changes in allele frequencies