

Genetics

Frequency of beneficial (adaptive) mutations will be relative up to required for other beneficial changes (range of alleles)

Evolutionary process – phenological process of DNA's mutation (neutral theory)

Microevolution (small-scale evolutionary change)

Geographic (allopatric)

Complex species are only formed in certain locations around the world

Evolutionary mechanisms

Genetic drift (random)

Genetic flow (gene flow) (migration) (movement of alleles)

Evolutionary process – phenological process of DNA's mutation (neutral theory)

Genetic drift (random) (change in allele frequency due to chance)

Genetic flow (gene flow) (migration) (movement of alleles)

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Evolutionary process – phenological process of DNA's mutation (neutral theory)

Genetic drift (random)

Genetic flow (gene flow) (migration) (movement of alleles)

Genetic drift (random) (change in allele frequency due to chance)

Genetic flow (gene flow)

18.1 Genetic drift (random) selection as the mechanism of evolution

Genetic drift (random)

Individuals with identical alleles that undergo selection (the fixed)

Genetic drift (random) (change in allele frequency due to chance)

Genetic flow (gene flow)

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