

Chap 23: Evolution of Populations

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What is microevolution?

How does genetic variation affect evolution?

What are some sources of genetic variability?

What are the 5 conditions for Hardy-Weinberg equilibrium?

What are the two equations that can be used to calculate Hardy-Weinberg?

What is adaptive evolution?

What is the difference between genetic drift, founder effect and bottle neck?

What is gene flow?

How does a change in relative fitness express itself in selection graphs? (Explain the 3 selection graphs)

What is Heterozygote advantage?

Why can natural selection NOT fashion perfect organisms?