

# Chap 22: Decent with Modification

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How does Darwin's concept of Decent with Modification fit into the idea of Evolution today?

Why was Jean-Baptiste Lamarck's idea of evolution considered wrong?

Why is Darwin's idea of evolution considered correct?

What is natural selection? How does it apply to evolution?

What is artificial selection?

How do direct observations of evolution, homologies, fossil records and biogeography offer evidence in support of evolution?

How can homologies and vestigial organs show common ancestry?

What is a cladogram or an evolutionary tree?

What is convergent evolution?

How is homologous different than analogous structures?

What does endemic mean?