

Lecture 2 Evolutionary Evidence

What important role did fossils play in demonstrating evolutionary change?

What are vestigial characters? Why are they important?

Why is it important that geological processes are uniform and were the same in the past as today?

What was the difference between Lamarck's view of evolution and Darwin's?

What did Charles Darwin see in Argentina that confirmed the Law of Succession?

Why are homologous characters so important in understanding evolution? What do these have to do with relationships?

What was the mechanism for evolution proposed by Charles Darwin?

What did Malthus propose that was important to Darwin's ideas about evolution?

What do the Galapagos and Hawaii have in common from an evolutionary standpoint (thinking question)?

