

Evidence for evolution and classification Ardi: age and key features?	Evidence for evolution and classification Lucy: age and key features?
Evidence for evolution and classification What did Richard Leakey's team find, and how old is it?	Evidence for evolution and classification Put Ardi, Lucy and Leakey's fossils in order, oldest first.
Evidence for evolution and classification Why is fossil evidence for human evolution incomplete?	Evidence for evolution and classification Write 4.4 million years in standard form.
Evidence for evolution and classification How do stone tools change over time?	Evidence for evolution and classification How can stone tools be dated from their environment?

3.2 million years ago. Walked upright on two legs, with a small brain.

4.4 million years ago. Walked upright but had a grasping big toe, so could still climb trees.

Ardi (4.4 million), Lucy (3.2 million), Leakey's (1.6 million years ago).

Fossils from 1.6 million years ago, including a nearly complete skeleton with a larger brain and longer legs, much more like a modern human.

4.4×10^6 years.

Fossils are rare and often incomplete, because most remains decay before they fossilise.

By the age of the rock layer or materials found with them.

They become more complex and better made, showing greater skill and intelligence.

Evidence for evolution and classification **Triple only**

What is a pentadactyl limb?

Evidence for evolution and classification **Triple only**

What does the pentadactyl limb suggest about evolution?

Evidence for evolution and classification

Name the five kingdoms.

Evidence for evolution and classification

Name the three domains.

Evidence for evolution and classification

What led to the suggestion of three domains?

Similar bone structure suggests a common ancestor, with limbs adapted by natural selection for different functions.

A limb with five digits, found in many vertebrates.

Archaea, Bacteria and Eukarya.

Animals, plants, fungi, protists and prokaryotes.

Genetic analysis showed that the prokaryotes are not one closely related group.