

Scientists who influenced Darwin

Aristotle	scala naturae (god created every creature as is and they're all perfect)
Linnaeus	father of taxonomy
Hutton	Gradualism (changes in Earth's surface can result from slow continuous actions)
Lamarck	species evolve through use and disuse of body parts and the inheritance of acquired characteristics
Malthus	overpopulation
Cuvier	Catastrophism (each layer of strata in the earth represents a 'catastrophe'), fossils
Lyell	Uniformitarianism (processes which happened in the past still happen today)

Earth's age

old notion	earth is a few thousand years old
new notion	earth is almost 5 billion years old

Note from author

I've changed my mind. This isn't going to help me study for a bio test because of the limited resources and time i have. If a viewer wishes to finish it, please do.

Proof 1 - Fossils

Paleontology	study of fossils
strata	layers of earth

Proof 2 - Comparative anatomy

homologous	same structure, different use (bat wing/human arm)
vestigial	same function, diff structure (bat wing, butterfly wing)

Proof 3 - Comparative embryology

homologous parts	tail in all vertebrae embryos
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