

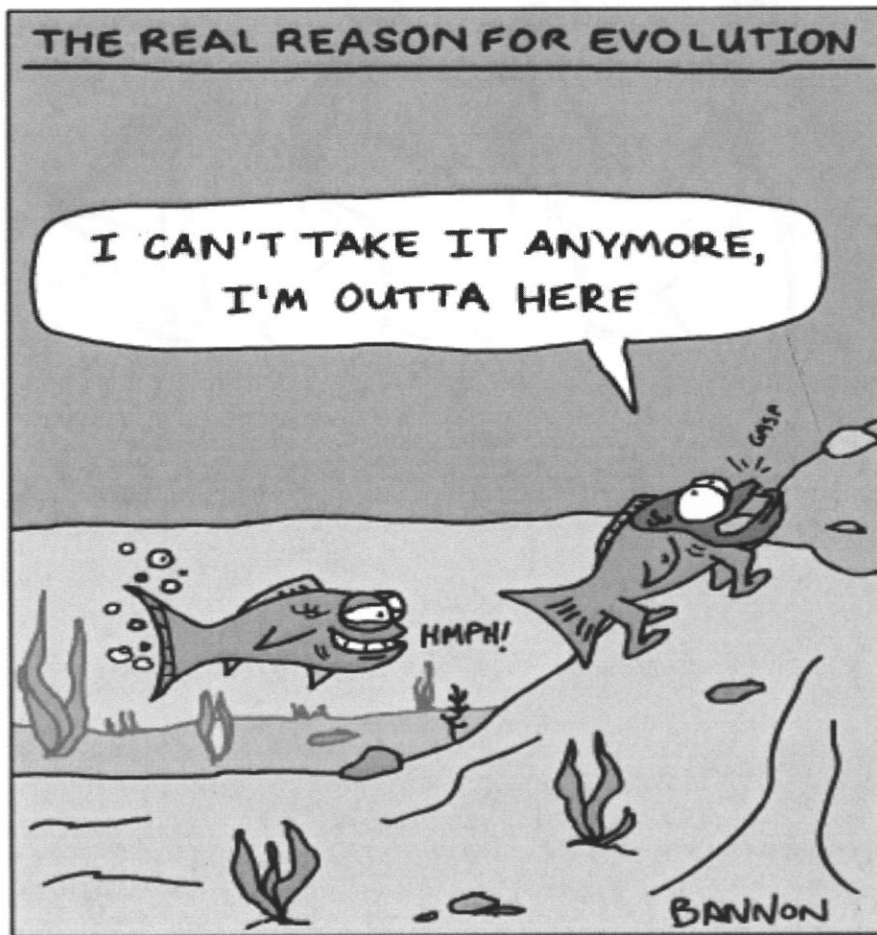
Big Book of Evolution



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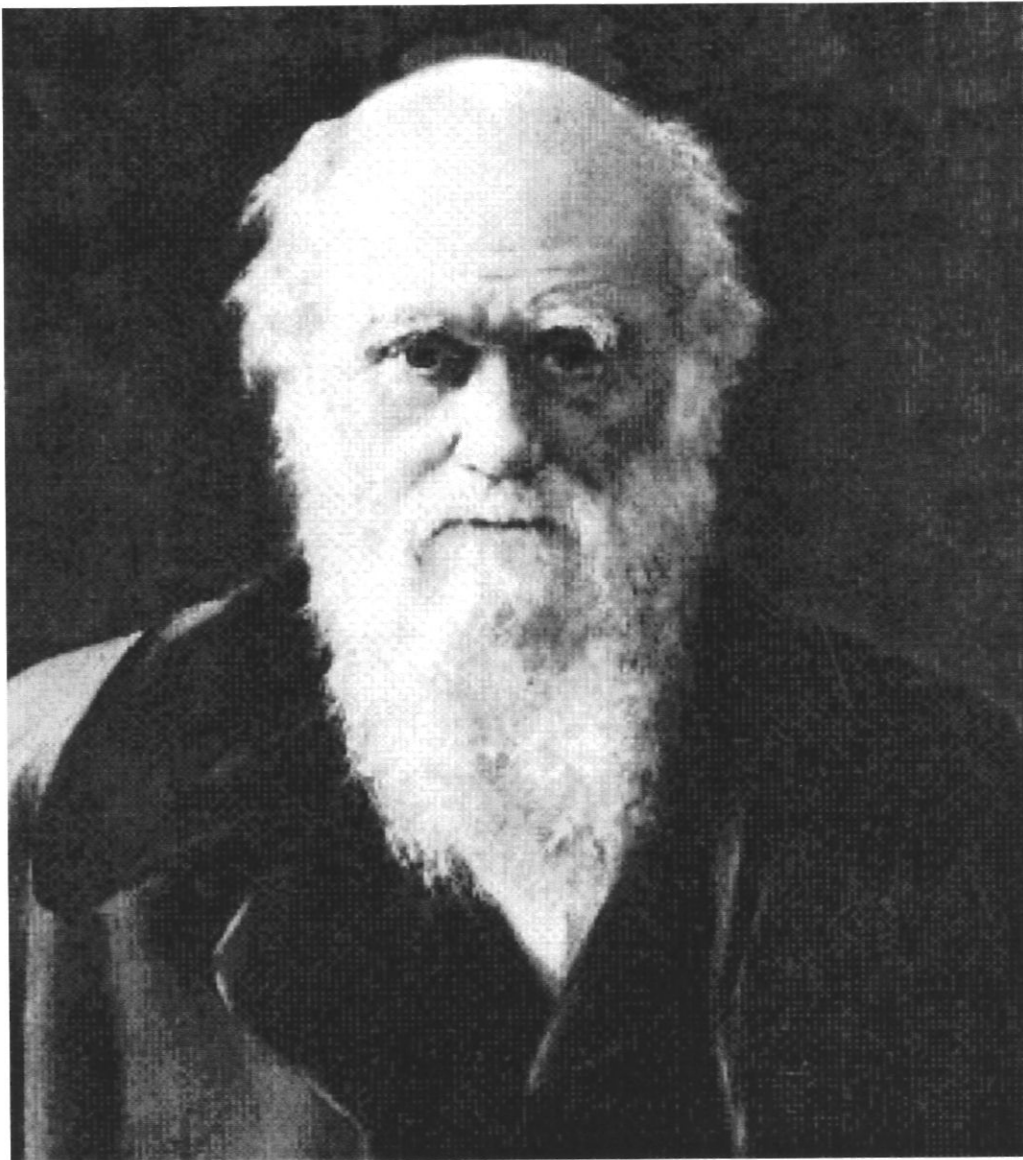
Evolution

Evolution is when living things change over many generations. These changes occur automatically; it is not up to the animal, and these changes are rather random; they can help or hinder the living thing in question.



Charles Darwin

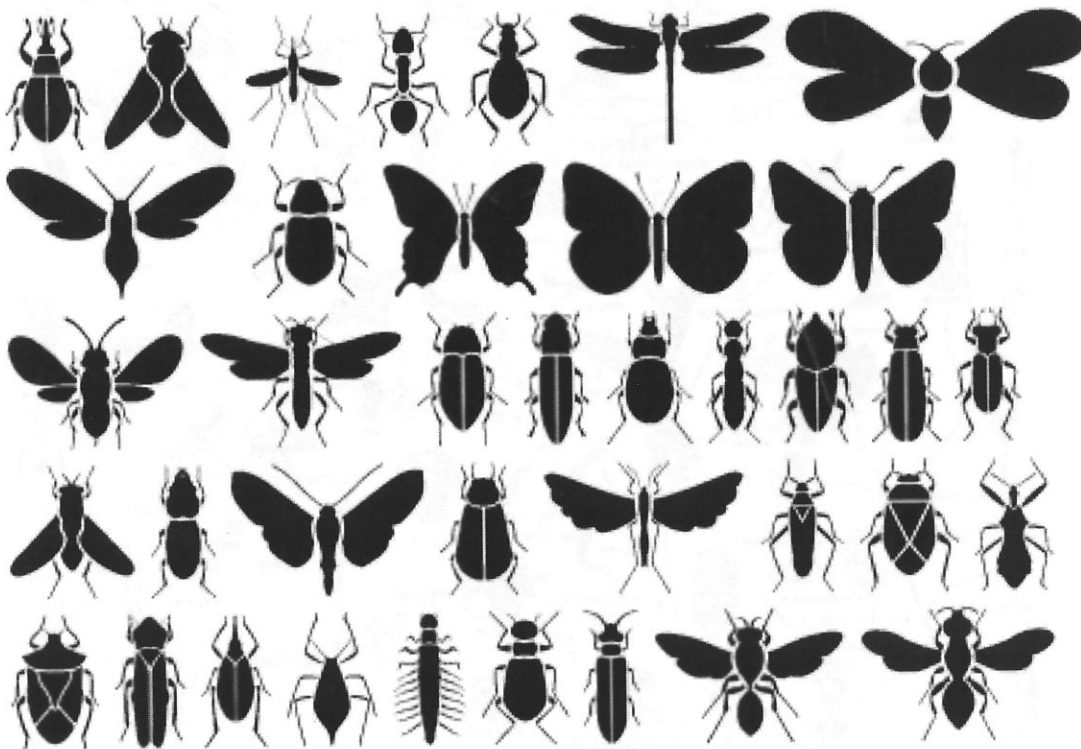
Charles Darwin was a Naturalist who was very interested in all living things. He wanted a better definition than "it is God's will." He thought that there was something else that would explain many of his questions. He went on a five-year trip around the world in a boat called the *Beagle*. He put together his Theory of Evolution by observing many species of animals during his trip in the *Beagle*.



Examples of Evolution

Here are two examples of evidence of Evolution:

1. The bones of the dolphin flipper and the human hand are very similar. This suggests that they are both descended from a common ancestors, and must have evolved over time into different species.
2. if a species of bugs is killed by pesticide, then they survivors will evolve to be immune to that pesticide, and will pass this immunity down to their offspring.



Natural selection

Natural selection is when many members of a species are born, and only the ones adapted to their environment and those who are lucky will survive. Natural selection work in four parts: Overproduction, Genetic variation, struggle to survive, and successful reproduction.



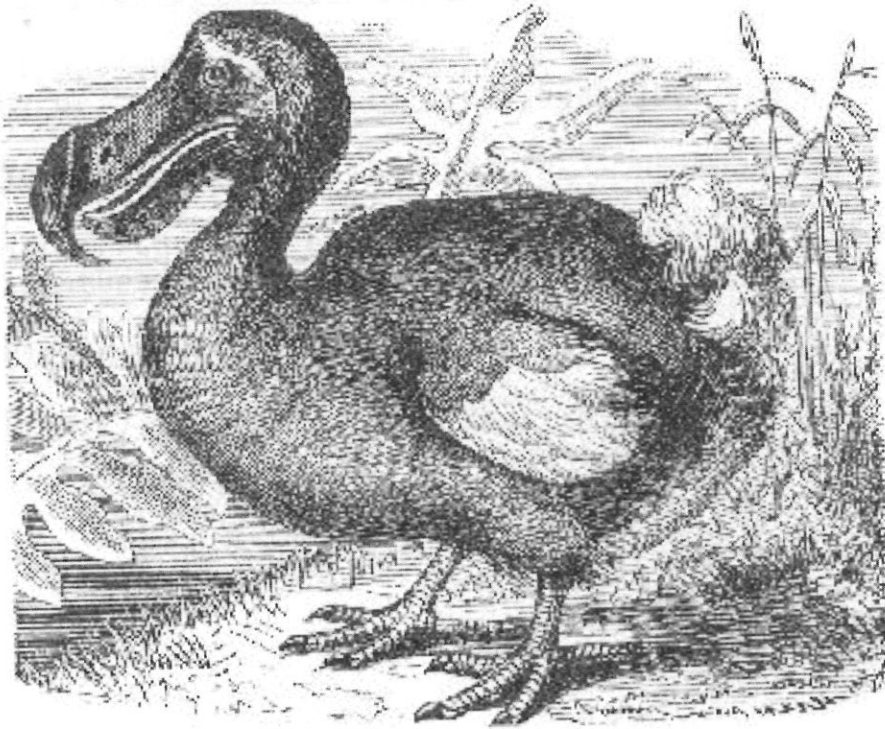
Pigeons

Physical characteristics: The pigeon has a small head, curved beak, colored neck, medium sized wings, and small legs.

Habitat: the pigeon is an urban bird, meaning they live in cities. But in some places in Europe, pigeons live in cliffs.

Adaptations: The pigeon will eat anything even remotely edible. The pigeon is very good at avoiding predators, because it can sense vibrations in the ground, and will fly away at any sign of danger. Pigeons are adapted to reproduce by laying their eggs in hidden spaces will they will not be seen.

Ancestor: the pigeon is descended from the Dodo bird.



Bibliography

Cover picture:

http://www.azwns.com/images/pigeon_feathered.jpg

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<http://www.mordantorange.com/images/comics/animals/evolutionfart.gif>

Evolution picture:

<http://www.codinghorror.com/blog/images/darwin-evolution-skeletons.png>

Charles Darwin picture:

<http://www.knowprose.com/images/CharlesDarwin.jpg>

Examples of evolution picture:

http://www.abc-pinewood-derby.com/images/site_decal_bugs.jpg

Natural Selection picture:

<http://chnm.gmu.edu/resources/essays/images/EvolutionIntelligentDesignClimateChange/evolution1.jpg>

Pigeon Picture:

<http://ivorybill.com/ca/images/2d.jpg>