

## Chapter 5 Introduction

### A. Pre Darwin

Aristotle, E. Darwin, Larmarck  
Paley      Natural Theology

### B. Charles Darwin (1809-1882)

Voyage on H.M.S. *Beagle*  
Different animals on different continents  
Artificial selection (breeding) in England  
Malthus and economics

*Origin of Species* (1859)  
Descent with modification  
**Natural Selection**

### C. Evidence for Evolution

Mimicry  
Industrial Melanism (and M&M lab)  
Homology (limbs, embryos, skeletons)  
Fossils, *Archeopteryx*  
Genetics  
Post Darwin Evolution

### D. Creationsim

Bible-based  
Intelligent design  
Theistic Evolution  
Distortion ?  
Can we “prove” evolution or creation?

### E. Intro to species and speciation