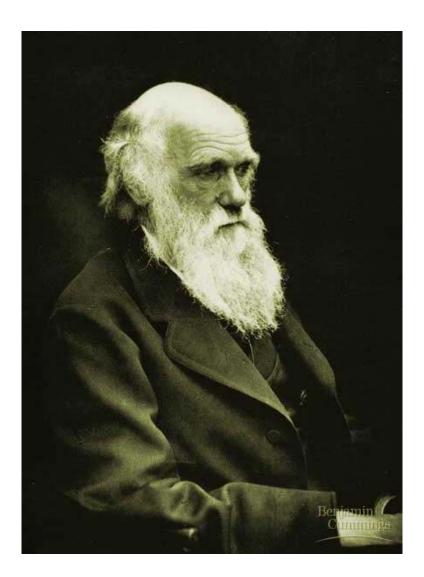
Pre AP Biology

Darwin and the History to his Theory of Natural Selection (7.1) Part 1

Charles Darwin



Darwin's Book

ON

THE ORIGIN OF SPECIES

BY MEANS OF NATURAL SELECTION,

OR THE

PRESERVATION OF FAVOURED RACES IN THE STRUGGLE FOR LIFE,

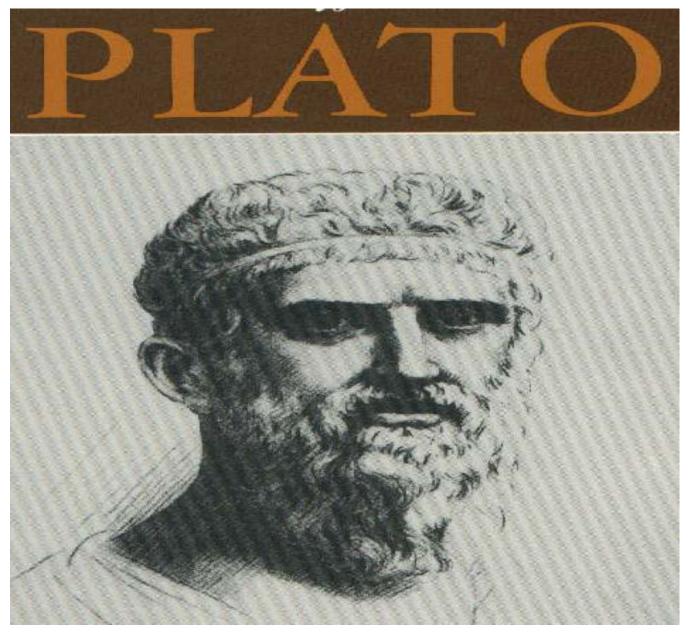
By CHARLES DARWIN, M.A.,

FELLOW OF THE BOYAL, GEOLOGICAL, LINN.EAN, STC., SOCIETIES: AUTHOR OF 'JOURNAL OF RESEARCHES DURING H. M. S. BEAGLE'S VOTAGE BOUND THE WORLD.'

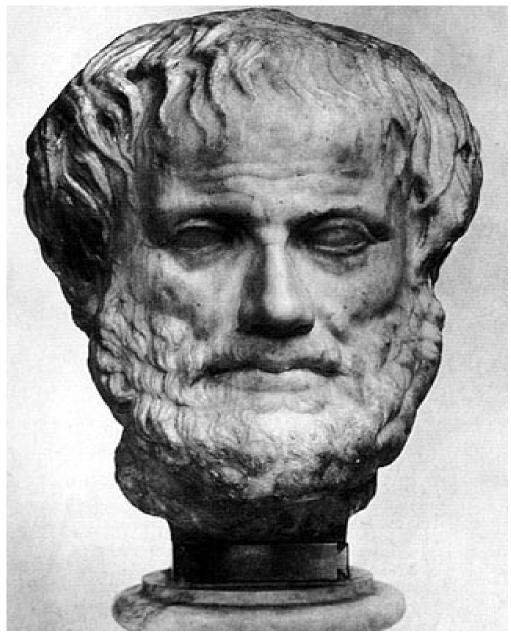
LONDON: JOHN MURRAY, ALBEMARLE STREET. 1859.

The eight of Translation is received.

Plato







Carolus Linnaeus

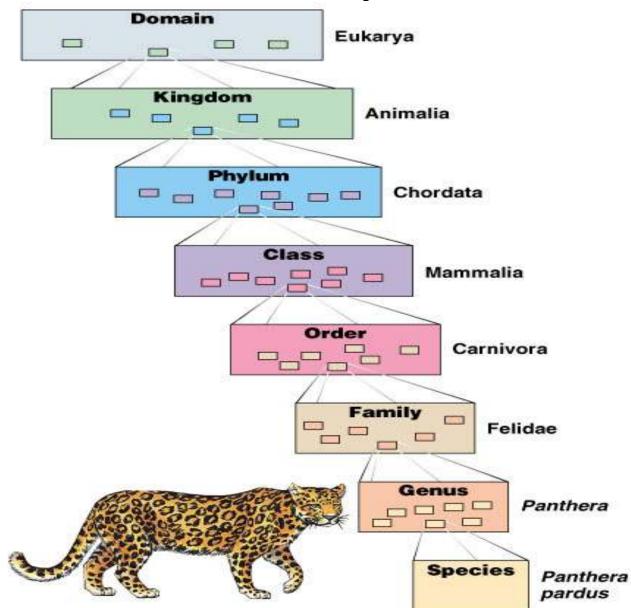


Library of Congress

Binomial Nomenclature

Example: Humans Homo sapiens Homo is the Genus part. sapiens is the Species part.

Taxonomy of Life



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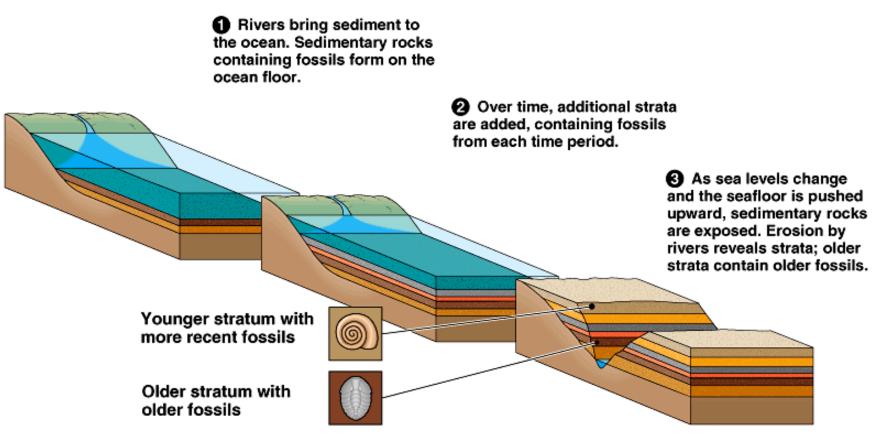
Georges Cuvier



Examples of fossils



Fossil Formation



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Jean Baptiste Lamarck



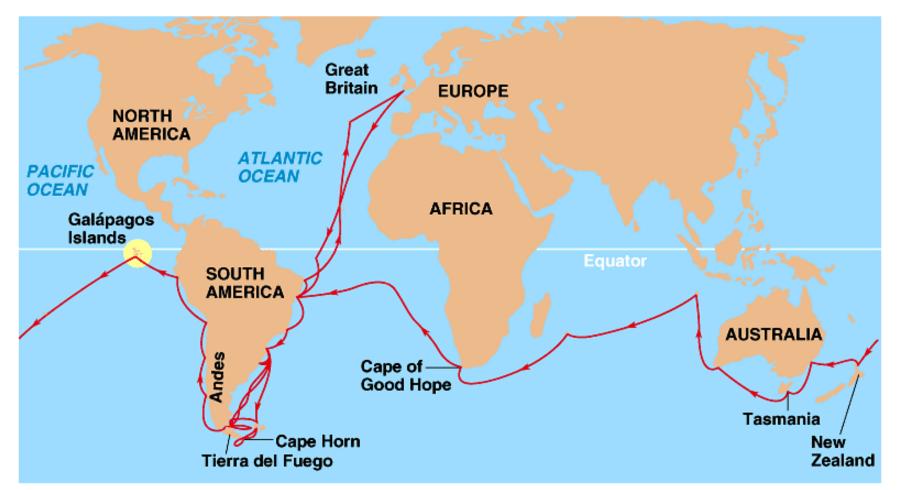
Pre AP Biology

Darwin and the History to his Theory of Natural Selection (7.1) Part 2

England



Darwin's Voyage around the world on the H.M.S. beagle with Captain Fitzroy



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H.M.S. Beagle



November 24, 1859

ON

THE ORIGIN OF SPECIES

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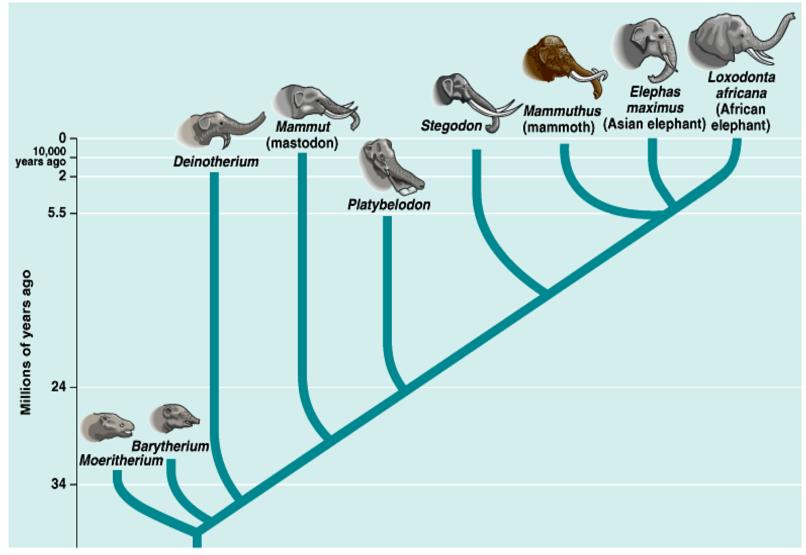
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LONDON: JOHN MURRAY, ALBEMARLE STREET. 1850.

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Example of Descent with Modification and Natural Selection

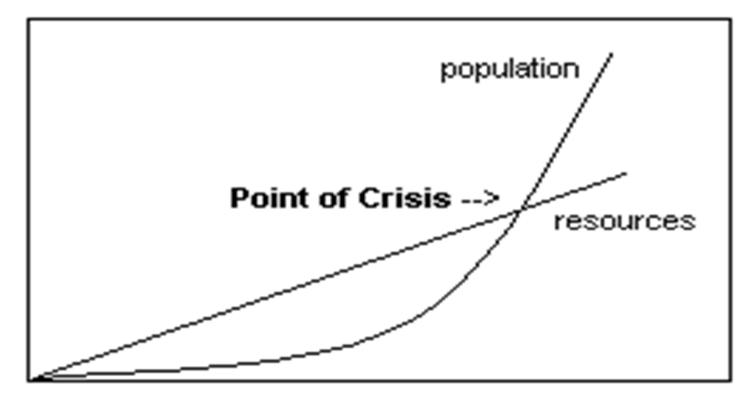


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Thomas Malthus *Principles of Population*



Malthus's Hypothesis Life is a struggle to exist

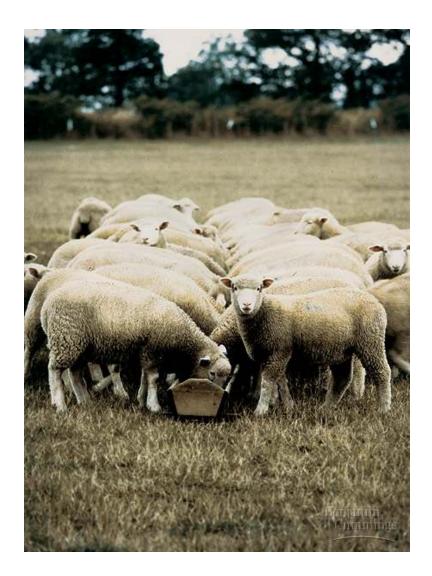


Malthus' Basic Theory

Artificial Selection in food



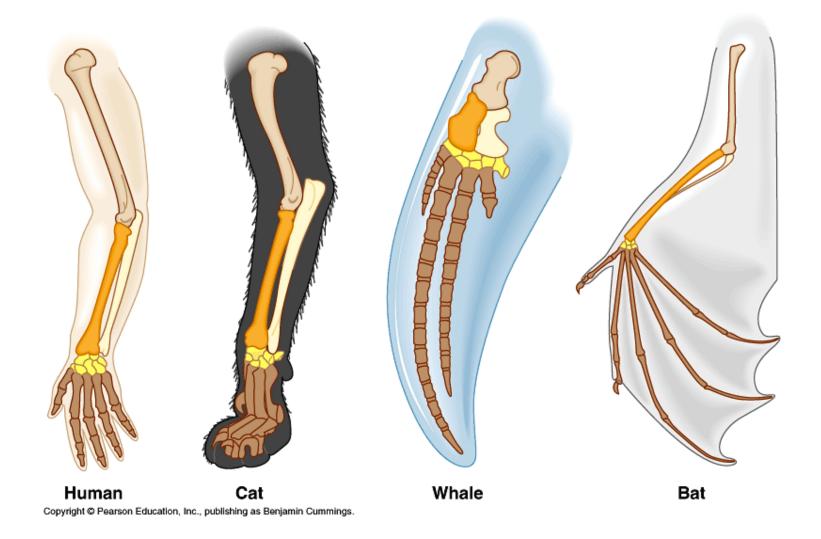
Artificial Selection in Animals



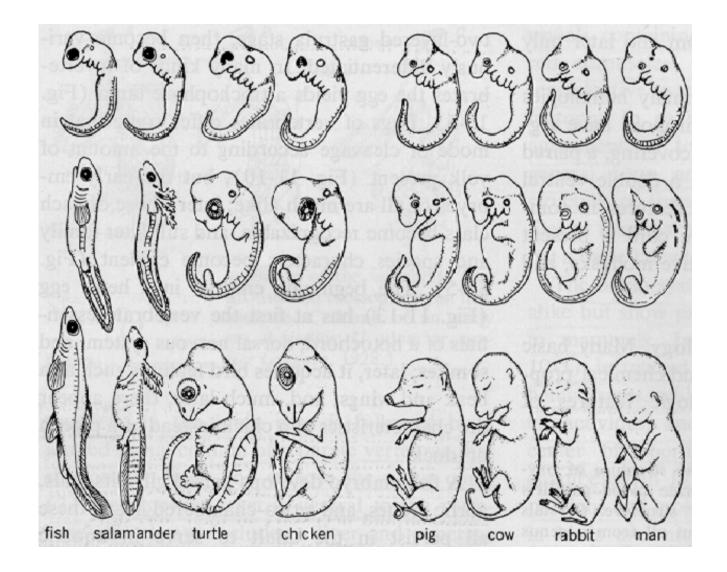
Population



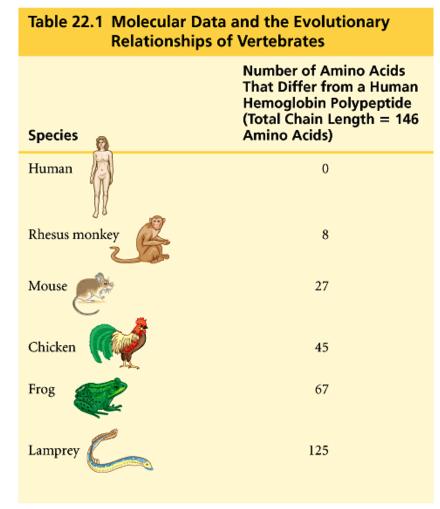
Homologous Structures



Embryological Homologies

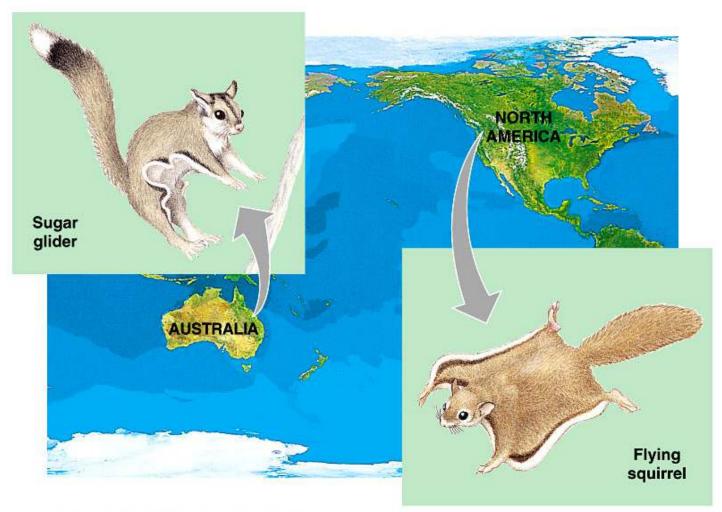


Molecular Homologies



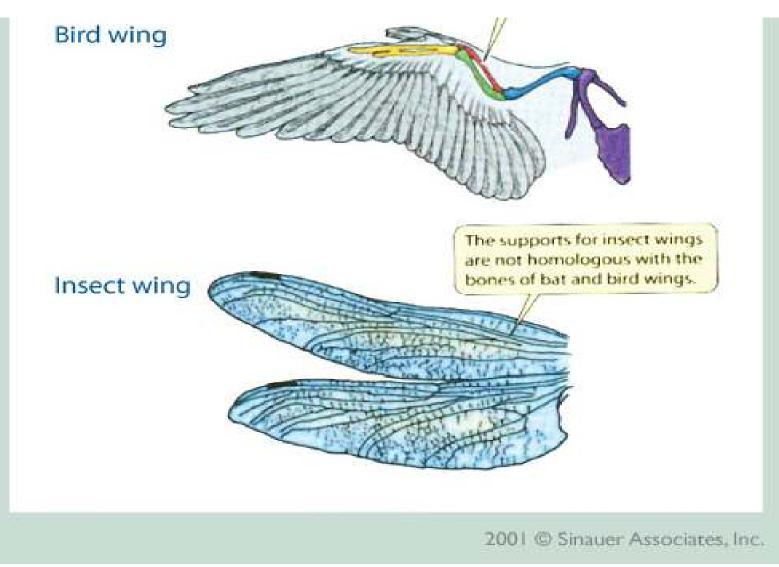


Biogeography and Convergent Evolution

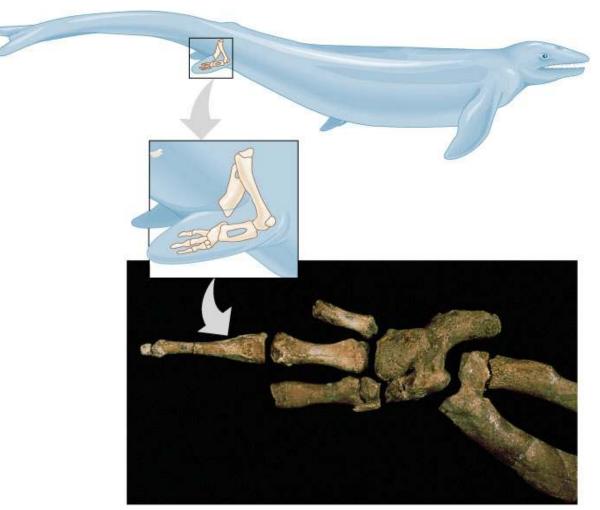


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Analogous Structures



Whale fossil showing evidence of legs



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