

# Evidence of Organic Evolution

Chapter 6

- 1)Fact
- 2)Course
- 3)Mechanism

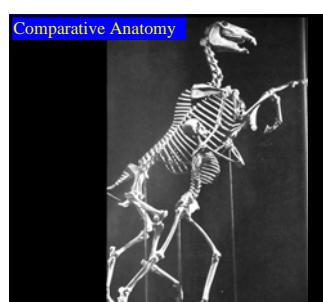
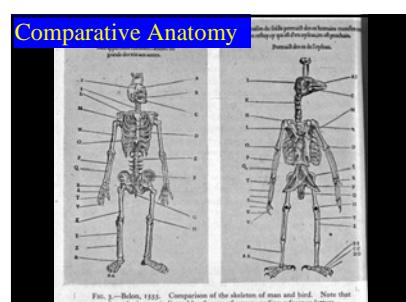
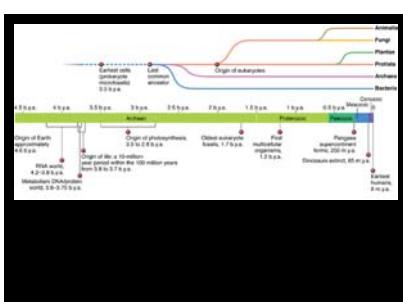
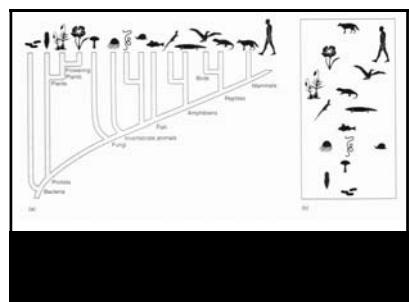
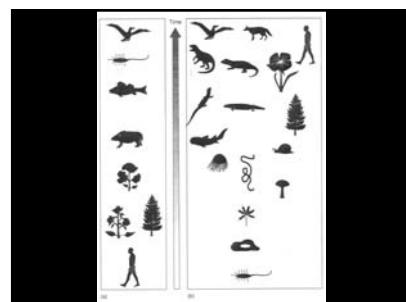
## EVIDENCE OF ORGANIC EVOLUTION

- A) Fact of Evolution
- 1) Paleontology
  - 2) Comparative Anatomy
  - 3) Embryology
  - 4) Vestigial structures
  - 5) Taxonomy
  - 6) Genetics
  - 7) Distributional Evidence

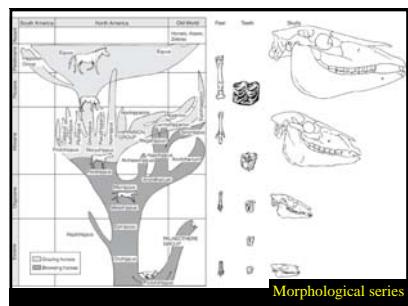
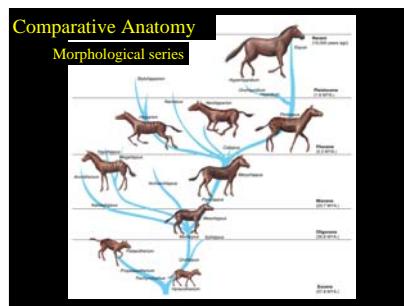
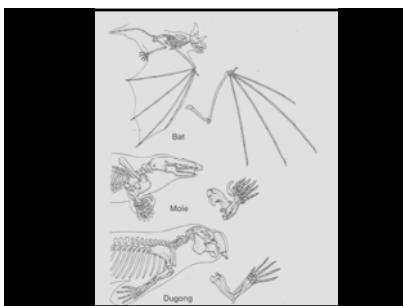
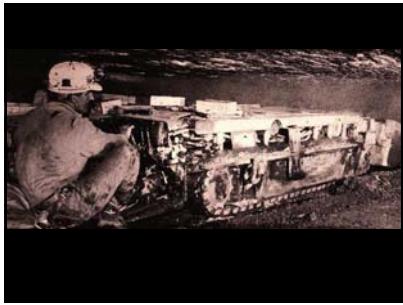
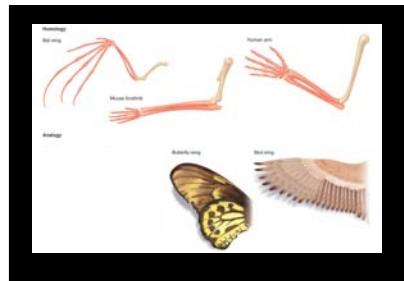
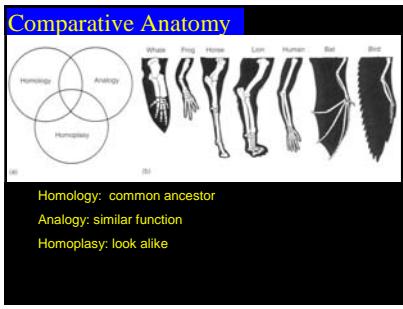
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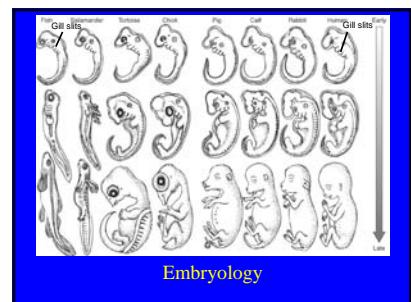
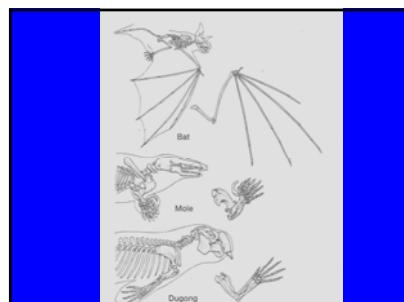
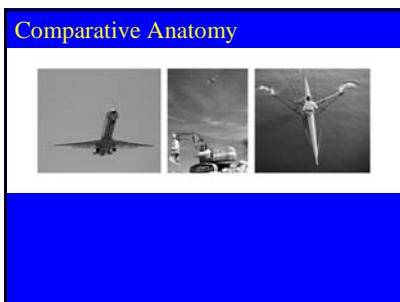
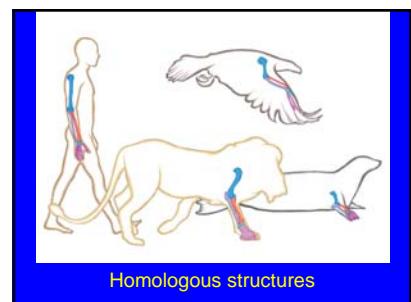
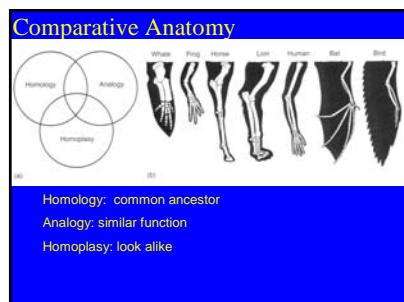
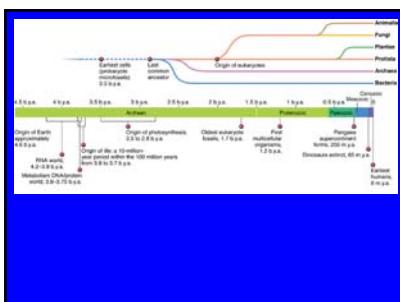
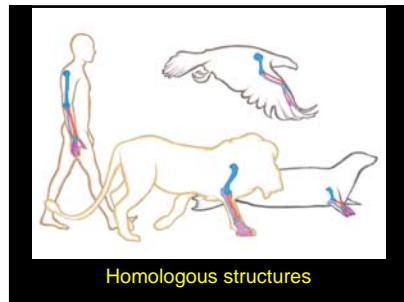
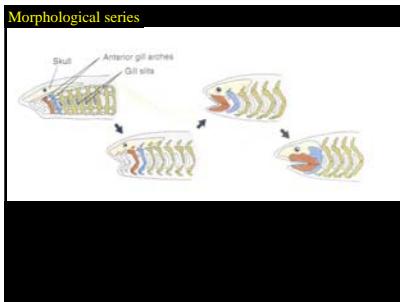


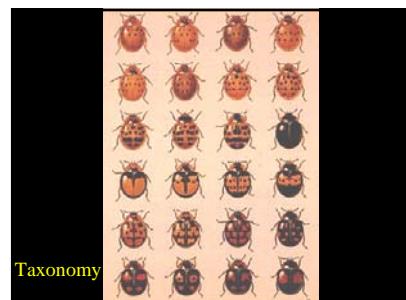
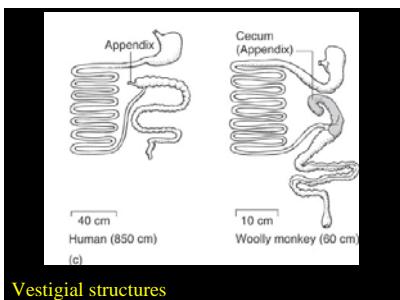
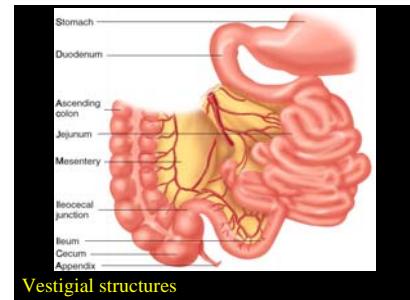
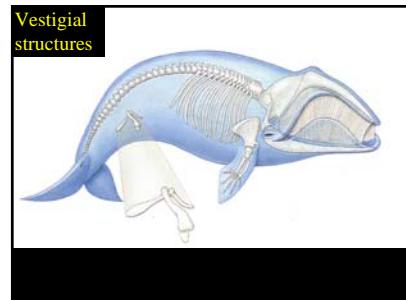
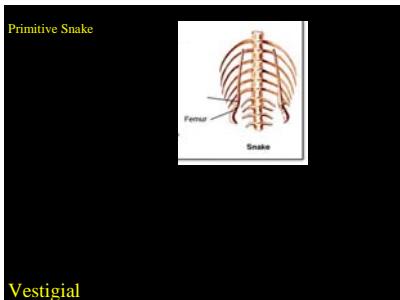
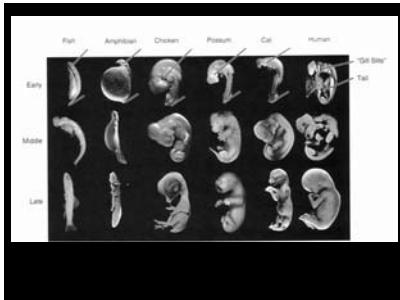
## Stratigraphy

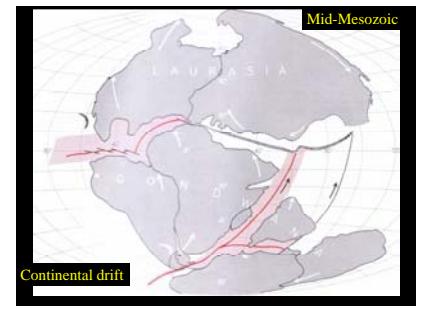
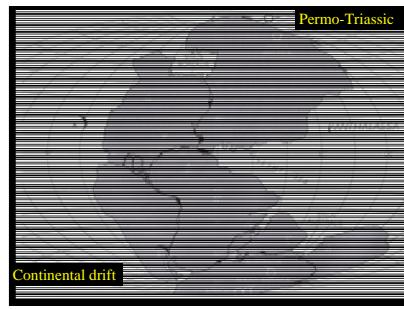
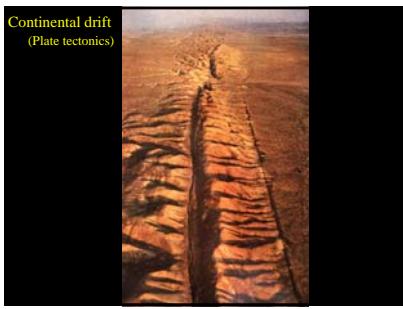
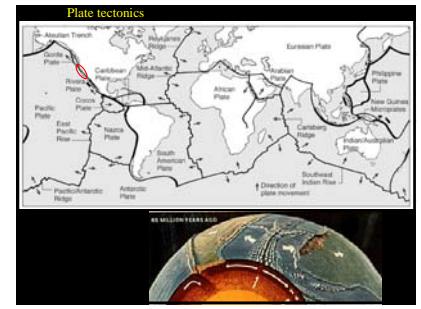
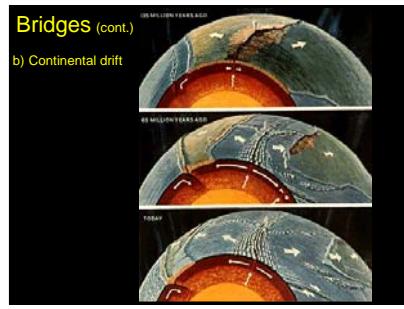
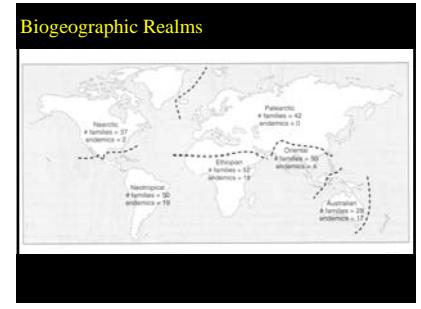
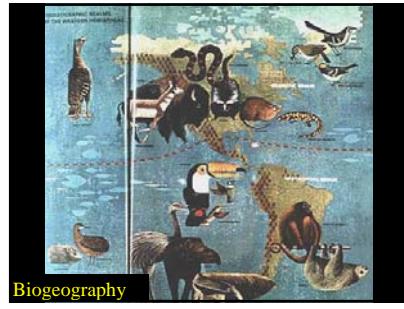
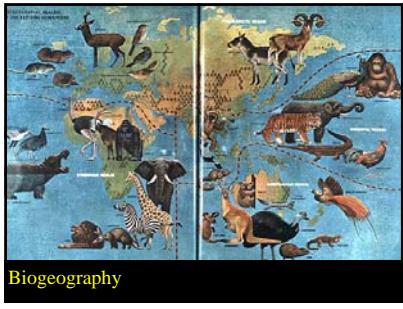


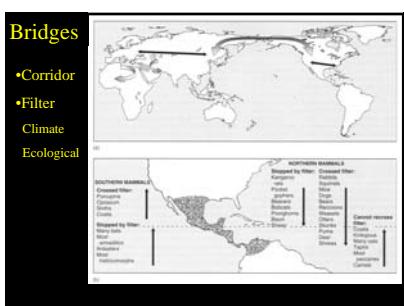
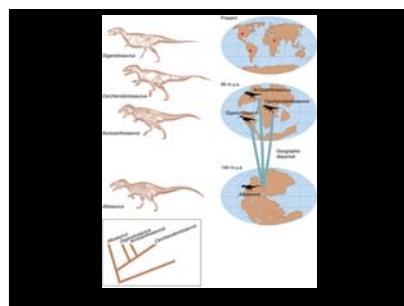
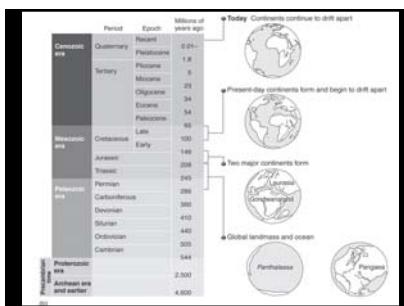
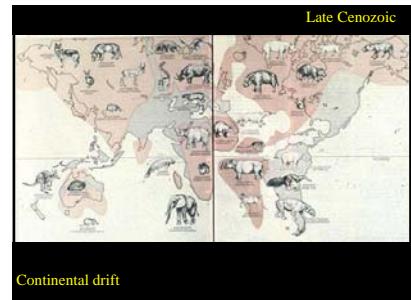
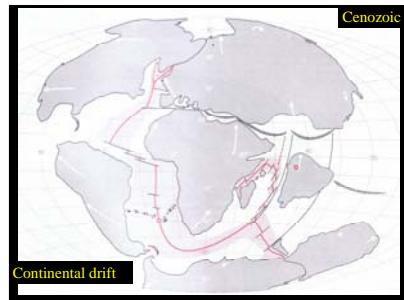
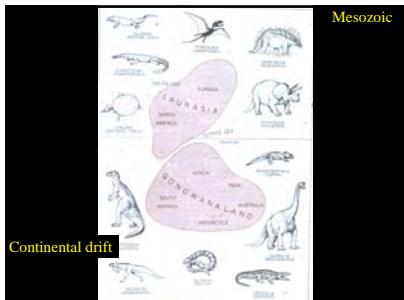
## Comparative Anatomy

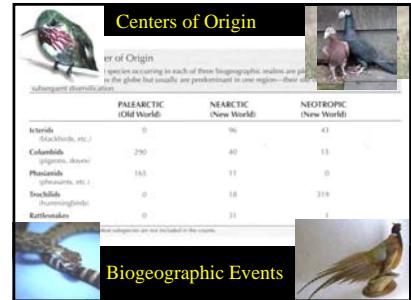
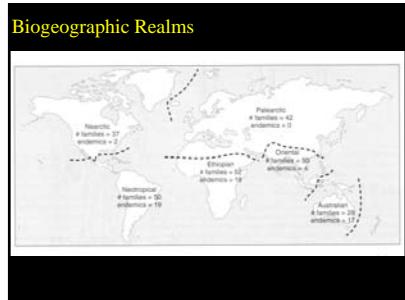
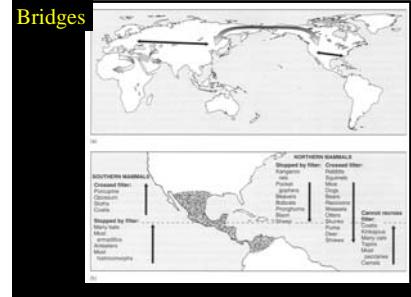






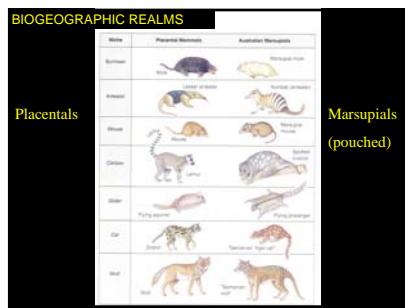






# Significance of Biogeographic Patterns

- 1) Biogeographic Realms
  - 2) Centers of Origin



## FACT (of Evolution)

## Centers of Origin

- 1) Restriction to a local area
  - 2) Evidence that evolution, in fact, occurred

## EVIDENCE OF ORGANIC EVOLUTION (cont.)

### B) Course of Evolution

- 1) Origin of Life
- 2) Phylogeny

