

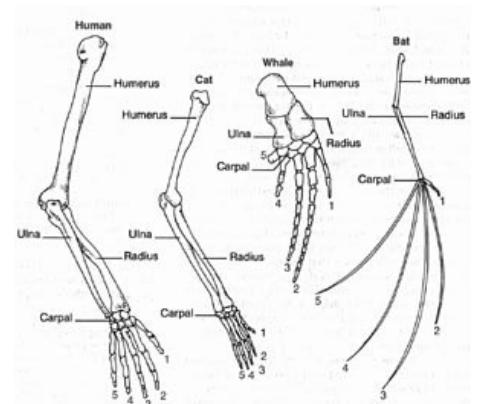
## Bio I

### Notes: Macroevolution

Macroevolution:

#### Evidence of macroevolution

- *Fossil record:*
- *Comparative morphology*
  1. *Homologous structures:*
    - Explanation:
    - Diagram:
    - Example:
    - Divergent evolution:

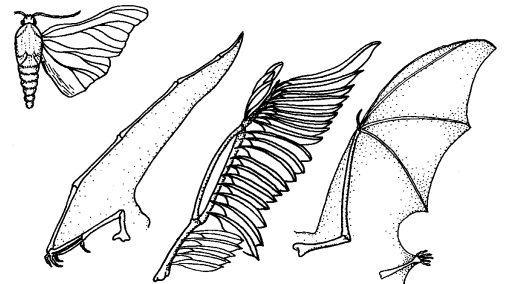


2. *Analogous structures:*
  - Explanation:

- Diagram:

- Example:

- Convergent evolution:

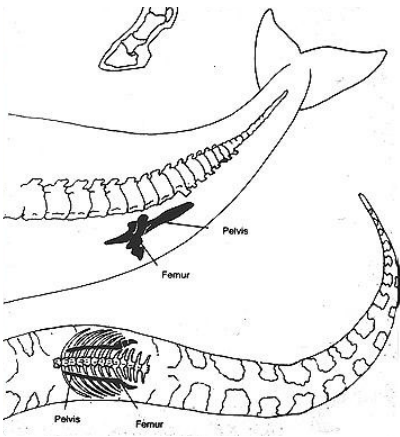


3. *Vestigial structures:*

- Explanation:

- Diagram:

- Example:



• **Patterns of development – Embryology:**

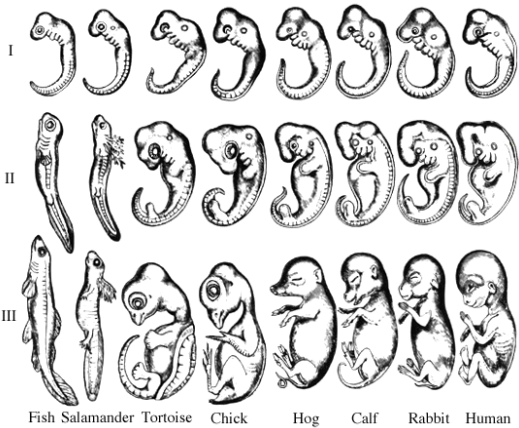
- Embryology:

- Similarities between embryos:

1.

2.

- Explanation of similarities:



• **Biochemistry:**

- Review of biochemistry:

- Study of amino acid sequences in several organisms when compared to human beings:

Organism	Different amino acids	Organism	Different amino acids
<i>Frog</i>		<i>Chicken</i>	
<i>Mouse</i>		<i>Gorilla</i>	

- Explanation of similarities: