Evidences Evolution

Key words to

Know:

- Homologous Structures
- Analogous Structure
- Vestigial Structures
- Fossils
- Genetic

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Similarities

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- remains of dead organisms
- Comparative Anatomy: Homologous and Analogous Structures
- Genetic Similarities: likeness of sequence
- _: embryo development (ex. vertebrates)

and newer organisms are shallow. Fossil Evidence: Relative dating where older fossils are found

fossils are evidence of a species changing from one to

another Embryological Evidence: Early in development, human embryos and embryos of

that all vertebrates are related

_ are very similar, which suggests

Comparative Anatomy:

organisms that are Homologous structures: Body structures on different

bone structure) and evolved from a common ancestor in structure (same

did not evolve from the same ancestor (bird wing and organisms that are similar in butterfly wing) Analogous structures: Body structures on different

Genetic Similarities:

and many proteins and enzymes Nearly all organisms have

Gene acid difference for the Hemoglobin related organisms looks very similar Ex. Humans and Gorillas have 1 amino The DNA (of closely

but

Evidences Evolution (1004)

Key words to

Know

- Homologous Structures
- Structure Analogous
- Structures Vestigial
- Fossils
- Embryology

Genetic

Similarities

Types of Evidence:

- T085118 : remains of dead organisms
- Comparative Anatomy: Homologous and Analogous Structures
- Genetic Similarities: likeness of DNA sequence
- Embryology : embryo development (ex. vertebrates)

and newer organisms are shallow. Fossil Evidence: Relative dating where older fossils are found accept

_ fossils are evidence of a species changing from one to

another

all other chordates Nevtebrates are very similar, which suggests that all vertebrates are related Embryological Evidence: Early in development, human embryos and embryos of

Comparative Anatomy:

bone structure) and evolved from a common ancestor organisms that are 5100 Homologous structures: Body structures on different in structure (same

did not evolve from the same ancestor (bird wing and organisms that are similar in Functi butterfly wing). Flight Analogous structures: Body structures on different

Nearly all organisms have DNA Genetic Similarities: Some only RN and many proteins and enzymes

Gene acid difference for the Hemoglobin Ex. Humans and Gorillas have 1 amino related organisms looks very similar The DNA (SEQUENCE) of closely

but-