**Ch 15.2 Evidence for Evolution**

**Evidence #1: The Fossil Record**

*Key Points:*

* *Example: shows how ancient species are similar to current species.*

*Picture/Graphic Depiction:*

*One Sentence Summary of Evidence:*

**Evidence #2: Comparative Anatomy**

*Key Points:*

* *Example: similar structures inherited from common ancestor = homologous structure (bird limbs & reptile limbs).*

*Picture/Graphic Depiction:*

*One Sentence Summary of Evidence:*

**Evidence #3: Comparative Embryology**

*Key Points:*



*Picture/Graphic Depiction:*

*One Sentence Summary of Evidence:*

**Evidence #4:**

*Key Points:*

* *Example: shows how ancient species are similar to current species.*

*Picture/Graphic Depiction:*

*One Sentence Summary of Evidence:*

**Evidence #5:**

*Key Points:*

* *Example: shows how ancient species are similar to current species.*

*Picture/Graphic Depiction:*

*One Sentence Summary of Evidence:*

**Adaptation –** *a trait shaped by natural selection that increases an organism’s chance of survival and reproduction.*

*Draw and describe an example of each type of adaptation:*

|  |  |  |  |
| --- | --- | --- | --- |
| Adaptation | camouflage |  |  |
| Picture and Description |  |  |  |

Why are all traits not considered adaptations?

Thinking about human babies and why they are vulnerable, can you come up with another example in either plants or animals?

What are any questions you have about adaptations or evidence for evolution?