

Ornithology - Day 2

1. When was the theory that birds were descended from dinosaurs first proposed?

- A) When the first feathered dinosaur fossils were discovered in China in the 1990s
- B) When the first bird genome was sequenced in the 21st century
- C) Shortly after the publication of "The Origin of Species" in the 1860s
- D) During the "Dinosaur Renaissance" in the 1960s

2. Who wrote "The Origin of Species" and proposed the theory of evolution?

3. Which of the following is NOT a premise of the theory of evolution?

- A) Parents produce more offspring than can be supported by the environment
- B) Natural processes randomly determine which individuals survive and reproduce
- C) Offspring resemble their parents
- D) Offspring occasionally exhibit novel traits or variations

4. Which groups did the "missing link" fossil found in 1861 show a connection between?

- A) fish and amphibians
- B) reptiles and birds
- C) reptiles and mammals

5. What features on the Archaeopteryx fossil indicated a connection to both birds and reptiles?

6. Which of the following skeletal traits did Archaeopteryx have that Compsognathus lacked?

- A) cervical ribs fused to the neck vertebrae
- B) gastralia
- C) a keeled sternum
- D) a crescent-moon shaped wristbone

Answers

1. C
2. Charles Darwin
3. B
4. B
5. It was a small carnivorous reptile with both wings and feathers.
6. D