



BIRDLIKE DINOSAURS: Small Theropods and Prehistoric Birds

Birdlike Dinosaurs: Small Theropods and Prehistoric Birds introduces readers to small theropods, a group of early birdlike dinosaurs that were predators and grew to about the size of a turkey.

What did you learn?

QUESTIONS

- Birdlike dinosaurs appeared in the ...
 - Triassic Period
 - Jurassic Period
 - Interwar Period
 - Cretaceous Period
- Gallimimus lived 70 million years ago in what is now ...
 - Asia
 - Africa
 - Pangaea
 - Ethiopia
- Throughout the Cretaceous Period, birds ...
 - Flourished
 - Went extinct
 - Were dinosaurs
 - Turned into fossils
- The biggest animals after the mass extinction were ...
 - Birds
 - Theropods
 - Mammals
 - Insects
- The Age of Dinosaurs was made up of what three periods?
- Which theropod had the shortest arms of any known dinosaur?

TRUE OR FALSE?

1. All birdlike dinosaurs had relatively small brains.
2. Velociraptors were as tall as a turkey.
3. Gigantoraptor lived in what is now Montana.
4. Scientists can know the color of some dinosaurs' feathers.
5. Enantiornis was larger than most other birds from the Age of Dinosaurs.
6. A Chinese farmer named Li Yumin discovered the first Hesperornis fossil.

ANSWERS

- 1. b. Jurassic Period.** According to section "Introduction" on page 6,, we know that "Birdlike dinosaurs appeared some time in the Jurassic Period." So, the correct answer is B.
- 2. a. Asia.** According to section "Small Theropods" on page 18, we know that "Gallimimus lived 70 million years ago in what is now Asia." So, the correct answer is A.
- 3. a. Flourished.** According to section "The Rise of Birds" on page 28, we know that "Birds flourished throughout the Cretaceous Period." So, the correct answer is A.
- 4. c. Mammals.** According to section "Dino Bite: Why Did Birds Survive?" on page 37, we know that "For the animals that did survive, the extinction created profound opportunities ... Mammals became the largest animals in most environments, taking on roles previously held by dinosaurs." So, the correct answer is C.
- 5.** According to page 6, The Age of Dinosaurs was made up of the Triassic, Jurassic, and Cretaceous periods.
- 6.** According to page 24, Mononykus had the shortest known arms of any dinosaur.

TRUE OR FALSE? ANSWERS

- 1. False.** According to section "Small Theropods" on page 9, we know that "Many birdlike dinosaurs had relatively large brains and were likely intelligent" So, the correct answer is False.
- 2. True.** According to section "Small Theropods" on page 15, we know that "Actual Velociraptors were only about as tall as a turkey." So, the correct answer is True.
- 3. False.** According to section "Small Theropods" on page 21, we know that "Gigantoraptor lived about 70 million years ago in what is now Mongolia." So, the correct answer is False.
- 4. True.** According to section "Dino Bite: The Origin of Feathers" on page 27, we know that "In 2010, scientists reconstructed the color of some dinosaur feathers by examining them with a powerful microscope ... by comparing the arrangement of melanosomes in dinosaur feathers with those of modern birds, scientists were able to determine their color." So, the correct answer is True.
- 5. True.** According to section "The Rise of Birds" on page 35, we know that "The wings reached about 4 feet (1.2 meters) across, making Enantiornis larger than most other birds from the Age of Dinosaurs." So, the correct answer is True.
- 6. False.** According to section "Dino Bite: The Fossil Beds of Liaoning" on page 38, we know that "In 1996, a Chinese farmer and amateur fossil hunter named Li Yumin discovered the first Sinosauropteryx fossil." So, the correct answer is False.