

# Piecing Together the Story of Dinosaurs from Fossils

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## Comprehension Questions

1. What are fossils?

- A. dinosaurs that were once thought to steal eggs out of nests
- B. feathers that the *Citipati* dinosaur may have had on its arms
- C. remains of ancient life that are usually buried in rock
- D. s-shaped necks and other similarities between birds and dinosaurs

2. To organize this text, the author has divided it into sections. In the section called "Egg Thief or Egg Protector?" what does the author compare to *Citipati*?

- A. *Tyrannosaurus rex*
- B. living birds
- C. leaf prints
- D. fossil eggs

**3.** Birds are theropod dinosaurs.

What is one piece of evidence that supports this theory?

- A. *Tyrannosaurus rex* and *Citipati* were theropod dinosaurs.
- B. Some extinct theropod dinosaurs laid eggs, just like birds do today.
- C. Birds have feathers, but not all extinct theropod dinosaurs had feathers.
- D. Scientists once thought that some theropod dinosaurs were egg thieves.

**4.** The author describes *Citipati* dinosaurs as “caring parents.” What evidence supports this description?

- A. *Citipati* walked on two feet with their legs directly underneath them.
- B. *Citipati* and *Oviraptors* are known as "oviraptorids," which means "egg thieves."
- C. *Citipati* laid eggs, had three-toed feet with claws, an s-shaped neck, and hollow bones.
- D. An adult *Citipati* was discovered sitting on a nest with its arms spread to protect the eggs.

**5.** What is the main idea of this text?

- A. Fossils can form from teeth, shells, bones, footprints, leaf prints, and eggs.
- B. In 1923, a team of scientists from the American Museum of Natural History made a surprising discovery in the Gobi Desert.
- C. Theropods are a group of dinosaurs that included *Tyrannosaurus rex*, *Velociraptor*, and *Citipati*.
- D. Discovering fossils of extinct dinosaurs helped scientists figure out that birds are a kind of dinosaur.

**6.** Read these sentences from the text.

“Scientists compare fossils from different time periods to investigate how life on Earth has changed over time.

“Think of fossils like puzzle pieces. The more pieces you have, the easier it is to put them together and tell what the whole picture looks like. And sometimes when you find and add new pieces, the picture looks very different from how you thought it would be.”

Why might the author have compared fossils to puzzle pieces?

- A. to help readers understand how scientists use fossils
- B. to prove that being a scientist is hard work
- C. to argue that studying fossils is more fun than putting together puzzles
- D. to explain why some puzzles are more difficult than others

**7.** Read these sentences from the text.

“Scientists discovered that like birds, theropods laid eggs. And they walked on two feet with their legs directly underneath them.”

What or whom does "they" refer to here?

- A. "Scientists"
- B. "birds"
- C. "theropods"
- D. "eggs"

**8.** Read these sentences from the text.

“In 1923, a team of paleontologists from the American Museum of Natural History made a surprising discovery in Mongolia’s Gobi Desert. They found three large rocks that turned out to be fossilized dinosaur eggs. Then they discovered another fossil nearby: a toothless dinosaur.”

What did the leader of this expedition guess the dinosaur had been doing?

**9.** Describe the adult *Citipati* fossil that led scientists to realize “oviraptorids” were caring parents. Support your answer with information from the text.

**10.** The title of this text is “Piecing Together the Story of Dinosaurs from Fossils.” Its author compares studying fossils to putting together a puzzle. Later, the author writes, “Think of fossils like puzzle pieces. The more pieces you have, the easier it is to put them together and tell what the whole picture looks like.”

Explain how “piecing together” fossils has helped scientists learn more about dinosaurs. Be sure to discuss the adult *Citipati* fossil discovered in the Gobi Desert. Support your answer with information from the text.