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**VOA慢速英语新闻报道与练习（教案）**

**Study Suggests Dinosaurs May have Started as Very Small Creatures**

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**Step 1 Words in This Story**

**fossil** – n. part of an animal or plant from thousands of years ago, preserved in rock

**evolve** – v. to develop over time

**miniaturized** – adj. very small

**gigantic** – adj. extremely large

**fuzzy** – adj. covered with light, loose hairs or fibers

**feather** – n. any one of the light growths that make up the outer covering of the body of a bird

**Step 2 Listen and fill in the missing words**

A new study adds to growing evidence that dinosaurs may have developed from very small animals.

Scientists have studied 1 the fossil of a small animal, called Kongonaphon kely, which is believed to be an 2 ancestor of the dinosaurs. The name given the 3 reptile means “tiny bug slayer,” or very small killer of insects.

The 4 four-legged animal is believed to have been just 10 centimeters tall and about 40 centimeters long. Researchers say it lived 5 about 237 million years ago in what is now Madagascar.

Scientists described examinations of the fossil in a recent study 6 [published](https://www.pnas.org/content/early/2020/07/01/1916631117) in Proceedings of the National Academy of Sciences.

The researchers believe the animal came before [dinosaurs](https://www.51voa.com/a/scientists-study-dinosaur-s-last-meal-/5450938.html), which developed in the Mesozoic Era. It ended about 66 million years ago. The study notes that much 7 remains unknown about the history of dinosaurs and their winged relatives, pterosaurs.

Scientist Christian Kammerer of the [North Carolina Museum of Natural Sciences](https://naturalsciences.org/calendar/news/a-tiny-ancient-relative-of-dinosaurs-and-pterosaurs-discovered/), led the study. Kammerer told Reuters 8 news agency that based on the body size suggested by the fossil, “we argue that dinosaurs and pterosaurs evolved from a miniaturized ancestor.”

John Flynn, of New York’s American Museum of Natural History, was a 9 co-writer of the study. He said earlier studies have also supported the argument. “10 Evolution of gigantism from tiny ancestors is not 11 uncommon in the fossil record,” Flynn said.

The scientists said the Kongonaphon’s teeth showed signs of use in a way that suggested 12 the small reptile ate insects.

The team examining the fossil also found evidence of “fuzzy skin coverings,” including feathers. The researchers said the feathers may have developed in the small-bodied creature to help 13 control body temperature. This would have been especially important in the [extreme climate](https://www.51voa.com/a/study-firewalker-dinosaurs-survived-south-africa-s-land-of-lava/5268955.html) of the early part of the Mesozoic Era. The days were hot, the nights, cold.

“Recent discoveries like Kongonaphon have given us a much 14 better understanding of the early evolution of ornithodirans,” Kammerer said. The ornithodiran group includes animals in the evolutionary lineage that led to dinosaurs and pterosaurs. He added that the research 15 provides strong evidence that the creature “decreased sharply early in the history of the dinosaur-pterosaur lineage.”

On the lighter side, Kammerer told The Associated Press he thinks 16 the tiny creatures “would have been quite cute animals.” He said an animal that 17 looks like a dinosaur and can fit in your hand, “would probably make a great pet.”

I’m Bryan Lynn.

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