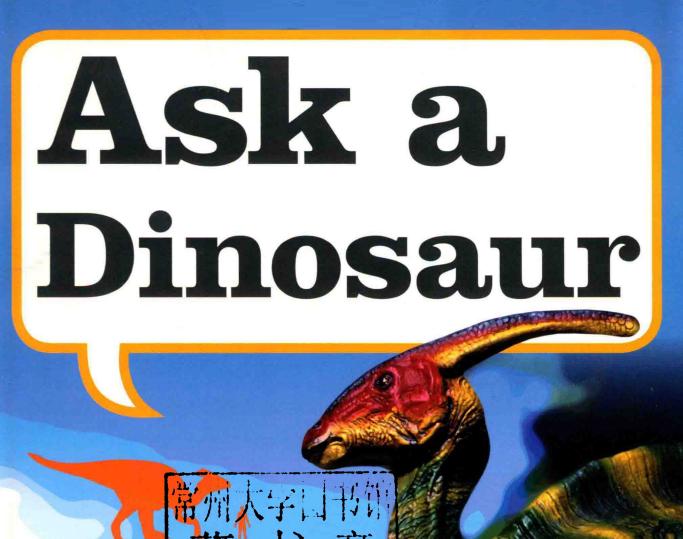


And it will answer you.







LONDON, NEW YORK, MUNICH, MELBOURNE, and DELHI

Senior editor Deborah Lock
Senior art editor Gemma Fletcher
Designer Lauren Rosier

Picture researcher Kate Lockley
Production editor Siu Chan
Production controller Claire Pearson
Jacket designer Gemma Fletcher
Publishing manager Bridget Giles
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Creative director Jane Bull
Category publisher Mary Ling

Consultant Douglas Palmer

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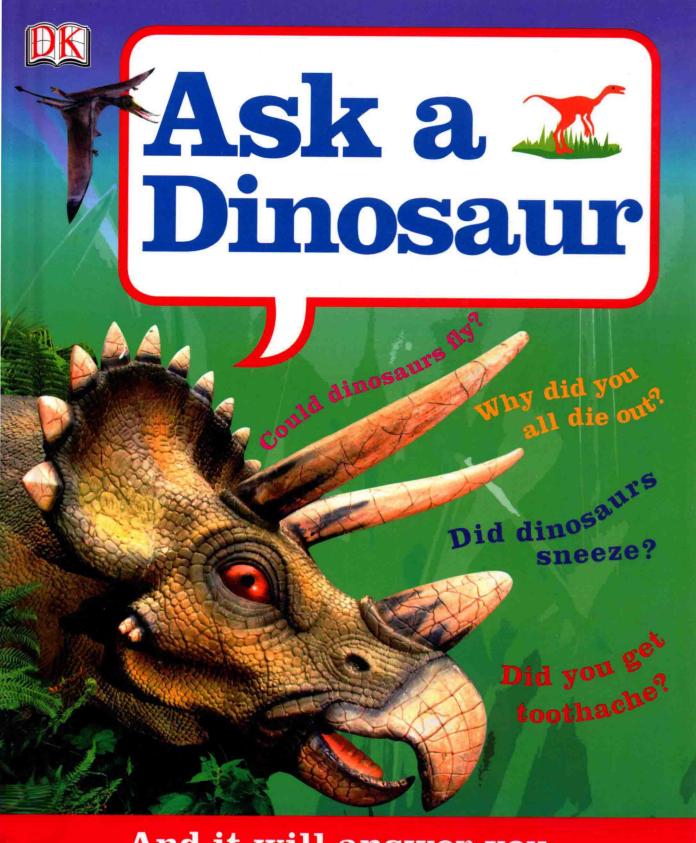
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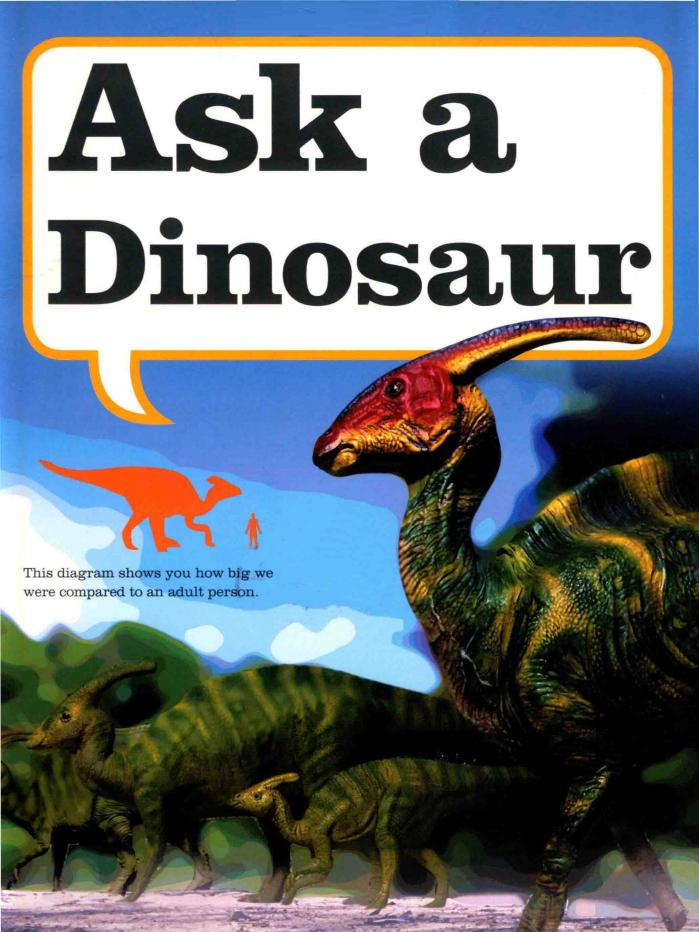
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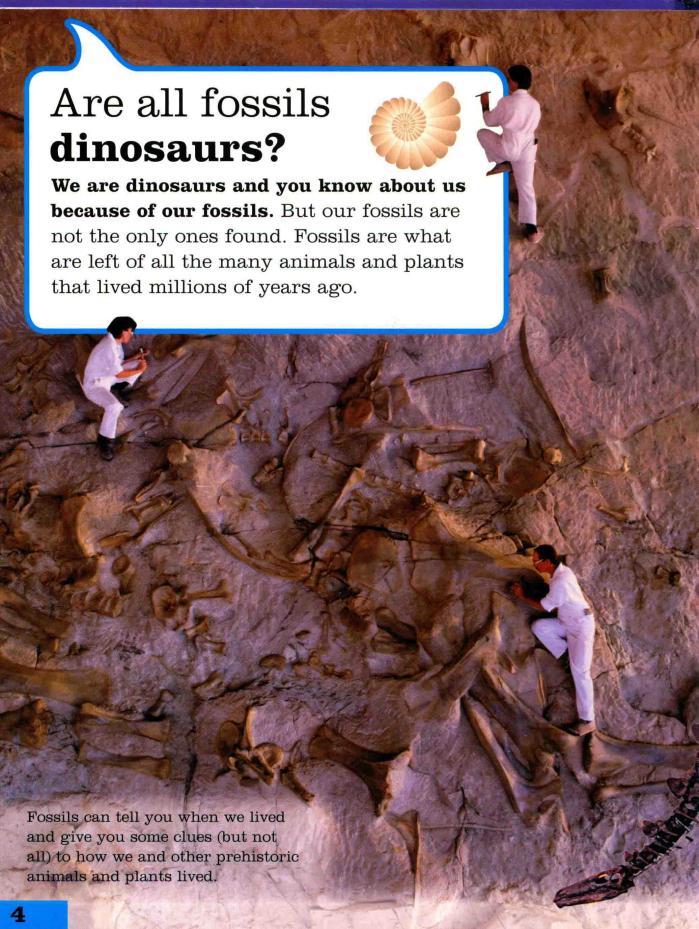
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things to know about us...

- 1. So far, over 700 types of dinosaurs have been found, but there were certainly more of us.
- 2. We lived between 230 and 65 million years ago.
- 3. The word dinosaur means "terrible lizard".
- 4. We were not lizards but a group of land reptiles that stood upright.
- 5. Female dinosaurs laid eggs.

When did you live?

Scientists believe Earth is billions of years old and have given names to its many time periods. They call the time when we lived the Triassic, Jurassic, and Cretaceous periods.



250 million years ago, all the land on Earth was joined together.

What other clues are there?

Different types of fossils can give you different clues.

Footprints and tracks can tell you how we walked and how fast we moved.



Coprolites are fossilized animal dung that can tell you what we ate.



Nest sites can tell you how we lived together.



Is it easy to put a dinosaur together?

No, because often only a
few of our fossil bones are
found. Palaeontologists
are people who uncover
and study dinosaur
fossils. Their work
is like putting
together a big
jigsaw puzzle
with many of the
pieces missing.

I am a Stegosaurus, a large plant-eating dinosaur.



Fossils of dinosaurs are found buried in rocks all over the world. Beaches, quarries, riverbanks – and if you are very lucky even your own back garden – can be possible places to find fossils.

North_ America

> In North America, look out for fossils of T-rex, Triceratops, Parasaurolophus, and many others.

South

America

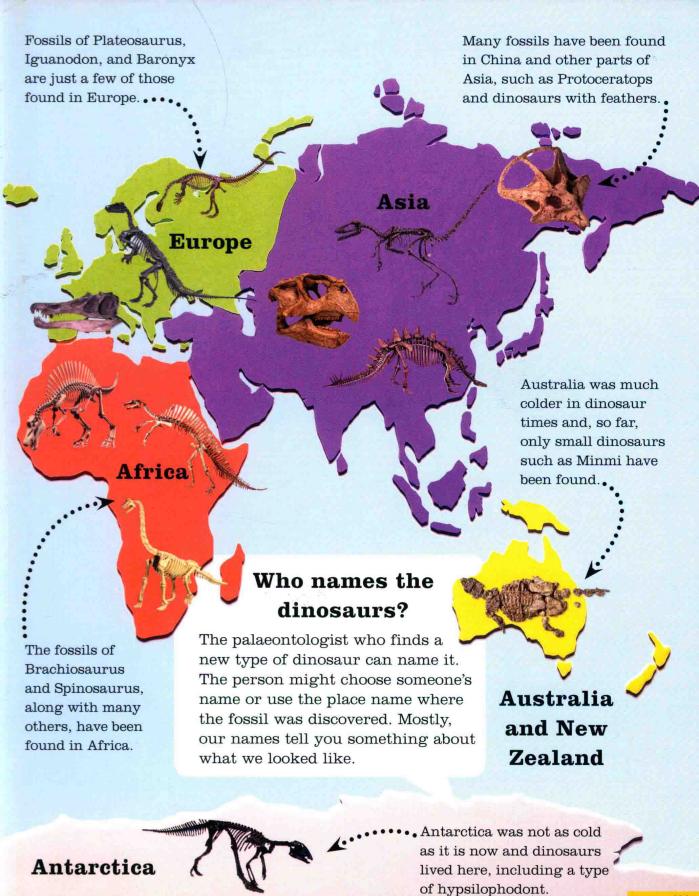
What was the first dinosaur found?

Early people found dinosaur fossils but didn't know what they were. It was scientists in the 1800s who started naming us. I am an Iguanodon and I was one of the first to be named.

Some of the largest and oldest dinosaurs have been found in South America.

My thumb spike was put on my nose at first!

I could walk on four legs or run on two legs.



Were dinosaurs as big as skyscrapers?

Not quite, but there were some huge ones like me.

I am a Barosaurus. I belong to the group of long-necked, long-tailed plant-eating dinosaurs, known

as sauropods.

5 things to know about me...

- **1.** I lived in the Jurassic period about 156–145 million years ago.
- **2.** I've been found in North America and Africa.
- 3. My name means "heavy lizard".
- **4.** I probably moved about in a herd.

My tail could be used like a whip.

5. I ate huge amounts of plants, such as conifer and tree ferns.

Did the ground shake when you moved?

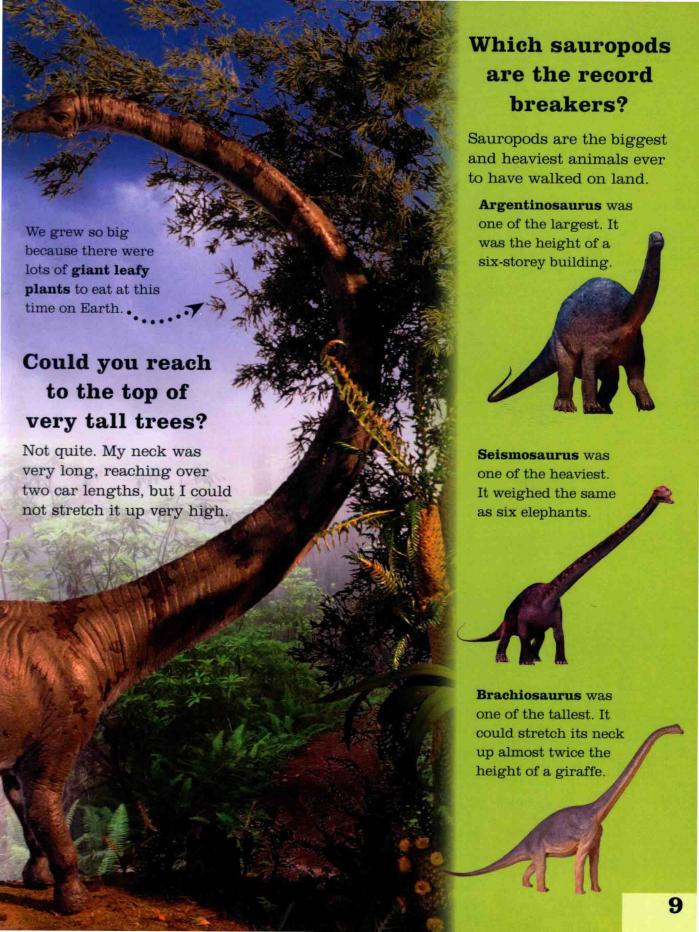
Oh yes! I weighed more than three elephants and walked in a similar way with my pillar-like legs underneath my bulky body.

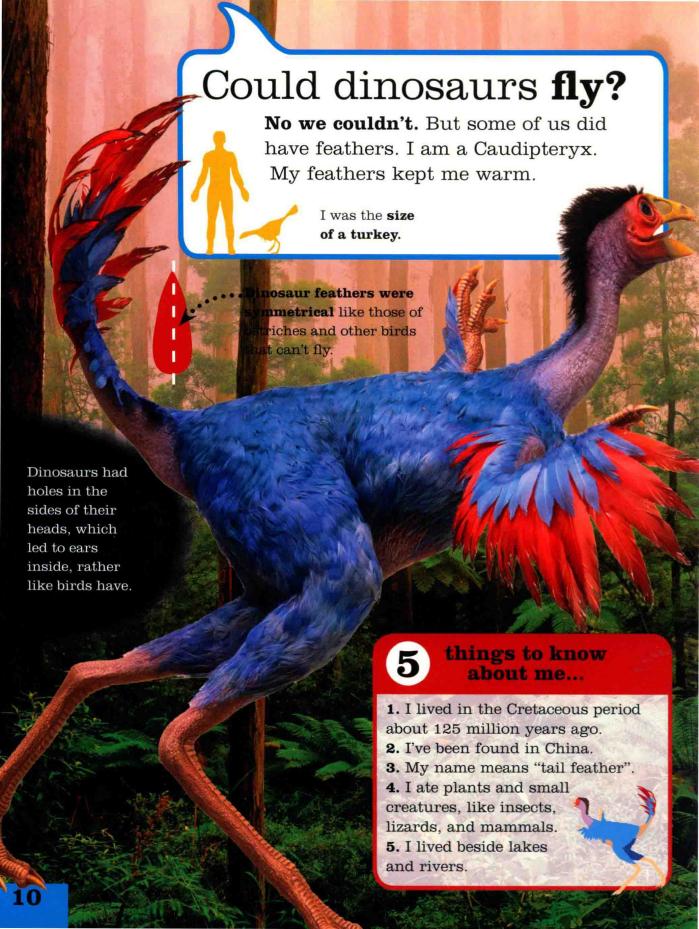


Sauropod means "lizard foot".

Y h

You would only have been able to **stretch** up to reach my knee.







No one actually knows. Colours are very, very rarely found on fossils.

Palaeontologists guess our colour after thinking about how and where we lived.

Which other dinosaurs looked like birds?

Birds have a lot in common with dinosaurs, so probably some of us may have changed into birds over a long period of time.

Sinosauropteryx was a dinosaur covered in small feathers.

Archaeopteryx is the earliest bird known.

Were there any spotted dinosaurs?

Very, very few fossils show what skin patterns we had. Only recently have fossils been found showing a striped pattern. No dinosaur fossils with spots have been found yet!



Which was the deadliest?

Meat-eating dinosaurs were ferocious killers,

but the dinosaur family of raptors were probaby the deadliest. I am a Deinonychus, and, like other raptors, I was a fast, cunning, and intelligent hunter. I was powerful and terrifying.

Can dinosaurs jump?

Yes. Raptors were very agile with muscular, long legs. We could jump onto the backs of

much larger planteating dinosaurs to attack them.

Here's a model of my skeleton showing me leaping.

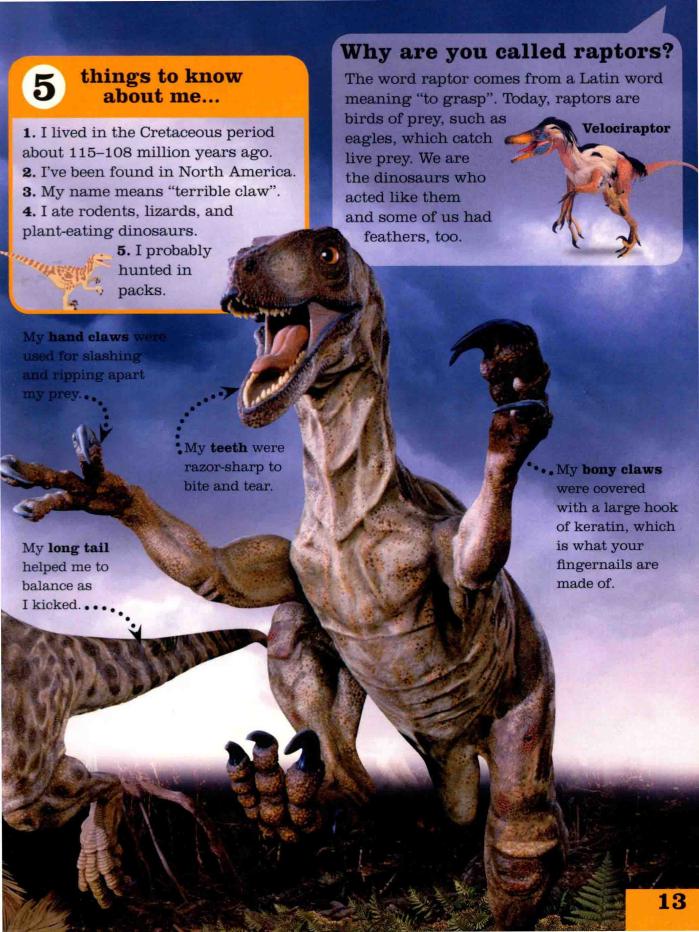
I could see very well and could probably smell my prey from more than a kilometre away.

How did you kill?

Like a kung-fu fighter, I had a lethal kick! I had a large raised sickle-shaped claw on each foot,

> which I twisted forwards to stab my victims as I kicked at them.

> > . Foot fossi





Dragons are made-up creatures in stories, but some dinosaurs did look and act as fierce as them. I am a Spinosaurus. I couldn't breathe fire, but I would have been a frightening sight.

I was larger than a Tyrannosaurus.

I lashed around my long, stiff tail to knock over prey. • • •

I impressed my mates with my huge "sail"...

5 things to know about me...

- 1. I lived in the Cretaceous period about 106–94 million years ago.
- 2. I've been found in North Africa.
- 3. My name means "spine lizard".
- **4.** I ate large fish, dinosaurs, and flying reptiles.
- **5.** I was probably one of the cleverest dinosaurs.