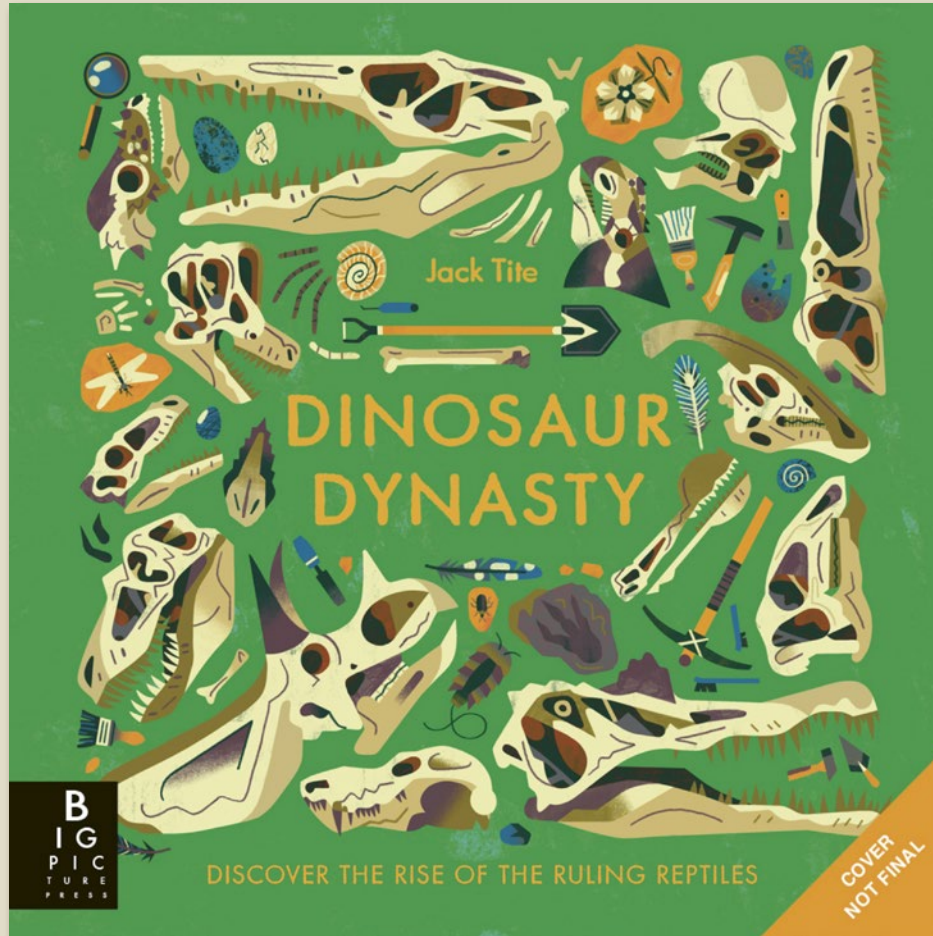


Dinosaur Dynasty



Step back in time to when dinosaurs stalked the earth in this stylish non-fiction book by Jack Tite, the creator of *Mega Meltdown* and *Viking Voyagers*.

- The third stunning book from author-illustrator Jack Tite
- Large fold-out pages let you take a closer look into the dinosaur world
- Fully illustrated in Jack's striking contemporary style, with lively, fact-filled text
- Cover treatment: Arlin with debossing

Dinosaur Dynasty



HUMBLE BEGINNINGS

The earliest dinosaurs arrived around 245 million years ago, in the Middle Triassic. Instead of topping the ruling archosaurs, they lived alongside them, probably falling prey to the larger predators of the time. We know of a few early dinosaur species that the later giants evolved from.

Brain size of a Fox
Dinosaurs had small brains compared to their body size. Scientists believe they behaved like today's crocodiles and lizards.

We don't know what the Eoraptor's skin looked like, but it was probably scaly like many other dinosaurs. Later dinosaurs evolved long armour plates called osteoderms, dangerous spiked spines and even funky feathers.

Like most lizards, dinosaurs laid eggs to reproduce. The eggs varied in shell colour, size and thickness depending on the dinosaur. Some laid 1 egg whilst others popped out a whopping 40 at a time.

The eggs don't lie
Dinosaurs branched out and evolved rapidly from early species like the Eoraptor. Later dinosaurs came in all shapes and sizes, with all kinds of diet, teeth, feet, defence mechanisms and an arsenal of weapons. They are divided into two groups based on their pelvic bones, which differed from one another. Sauropods included four-legged, long-necked dinosaurs and deadly carnivores such as the T-Rex. The Ornithomimids included the spiky Stegosaurus and Triceratops.

This is the Eoraptor discovered in Argentina, South America. It most likely used its sharp leaf-shaped front teeth and curved, saw-like back teeth to eat plants, small lizards and insects. The Eoraptor stood on two legs about the size of a small dog. It was built for speed, with a long neck, slinky frame, powerful back legs, and five-fingered hands. Only three of these fingers had claws, the other two were basically useless. Dinosaur claws were made from a type of keratin, the same material in our hair, nails and Rhinoceros horns.

Eoraptor compared to a human and small dog

Eoraptor diet

Eoraptor had hollow bones, making them incredibly light yet strong, a trait that many dinosaurs benefited from. With legs beneath their bodies, dinosaurs could grow taller and move quicker than today's reptiles, who have shorter legs pointing out sideways.

Diplodocus
T-Rex
Stegosaurus

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