

Video: Tyrannosaurus rex probably didn't roar like a lion. Here's how they might have sounded

When palaeontologists find fossils of dinosaurs, they are just impressions of the skeleton. The fossils tell us nothing about the muscles in the body or what they looked like.

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Aubrey Jane Roberts works as a palaeontologist at the Natural History Museum and says that researchers have found fossils that stand out from other dinosaurs.

She explains that they have a good understanding of what the armored dinosaur Pinacosaurus sounded like.

This is because researchers have discovered preserved parts of the Pinacosaurus' larynx, where sounds are produced in the throat. Researchers have compared this ancient dinosaur larynx with those of modern birds and crocodiles.

"Pinacosaurus' larynx was likely capable of producing a wide range of sounds: rumbling, grunting, roaring, and even chirping," Roberts says.

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Although researchers are still not entirely certain what Tyrannosaurus rex sounded like, they have developed a sound they believe is accurate.

By combining the sounds of animals they consider similar, they have produced a sound so deep that researchers think it could be felt rather than just heard.



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