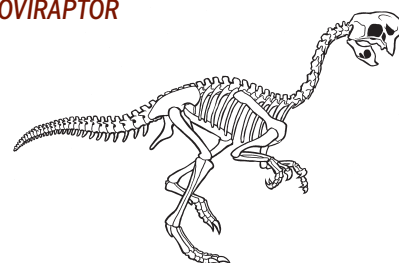


# FLESH OUT A FOSSIL

## How do artists start with a skeleton and turn it into a realistic animal drawing?

After finding and reconstructing a dinosaur skeleton, scientists often work with artists to recreate what the animal may have looked like in real life. **Take a look at the steps that artists use to create a lifelike dinosaur.**

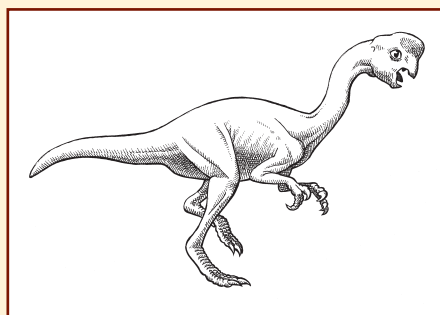
OVIRAPTOR



### 1. Add a body

Using a pencil and tracing paper, outline where you think the dinosaur's muscles and flesh might have been. Show the shape of the arm and thigh and how they attach to the body.

**Tip:** Think about whether some areas on the dinosaur's body have more flesh than others. Also think about living animals with a similar body form, like a chicken or ostrich.



### 2. Add shading

Use short, light strokes to create shadows to make your dinosaur look more lifelike. Use firmer strokes to refine the dinosaur's outline, eyes, nostrils, and claws.

**Tip:** Pretend a light is shining from the upper left corner. Where would the shadows be?



### 3. Add details

Add skin texture, feathers, or scaly skin. Then color your dinosaur.

**Tip:** Use your imagination! Some dinosaurs had scaly skin; some had feathers. Fossils don't tell us anything about skin color or patterns, so pick a color (or colors) you think this animal may have had.

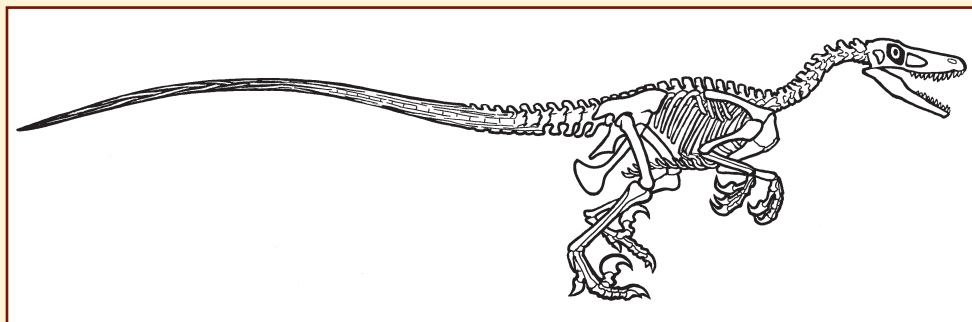


Fossilized feathers have been found on several species of extinct carnivorous dinosaurs. These feathers were not used for flight, but for show and warmth.

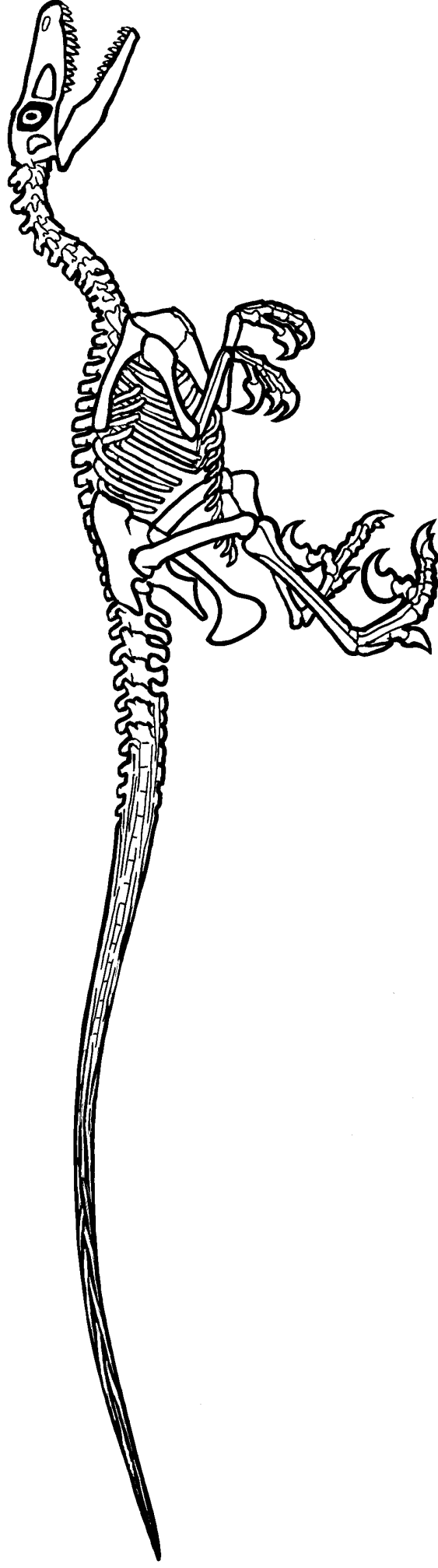
## Now It's Your Turn!

Follow the steps to flesh out this *Velociraptor* skeleton.

Visit [www.dinosalive.com/education](http://www.dinosalive.com/education) to download larger skeletons of *Velociraptor* and other dinosaurs.



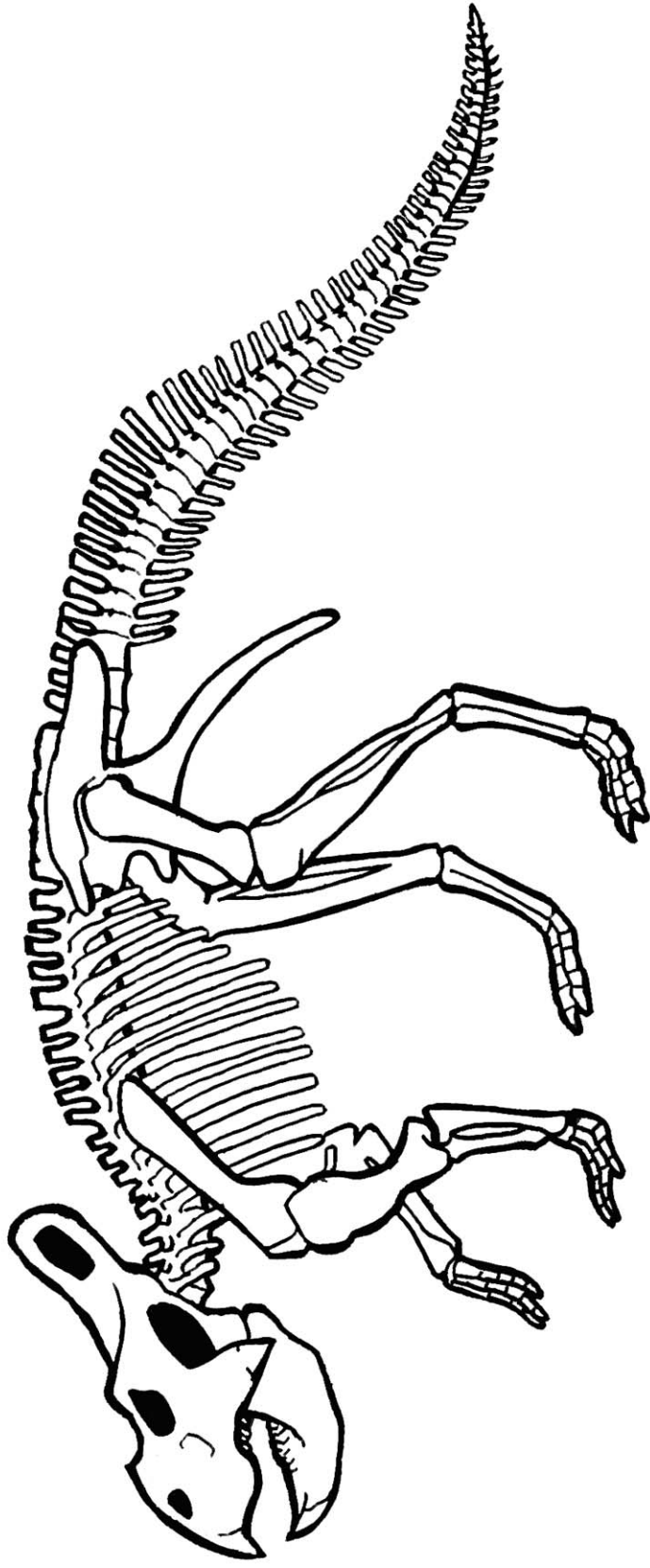
# ***Velociraptor***



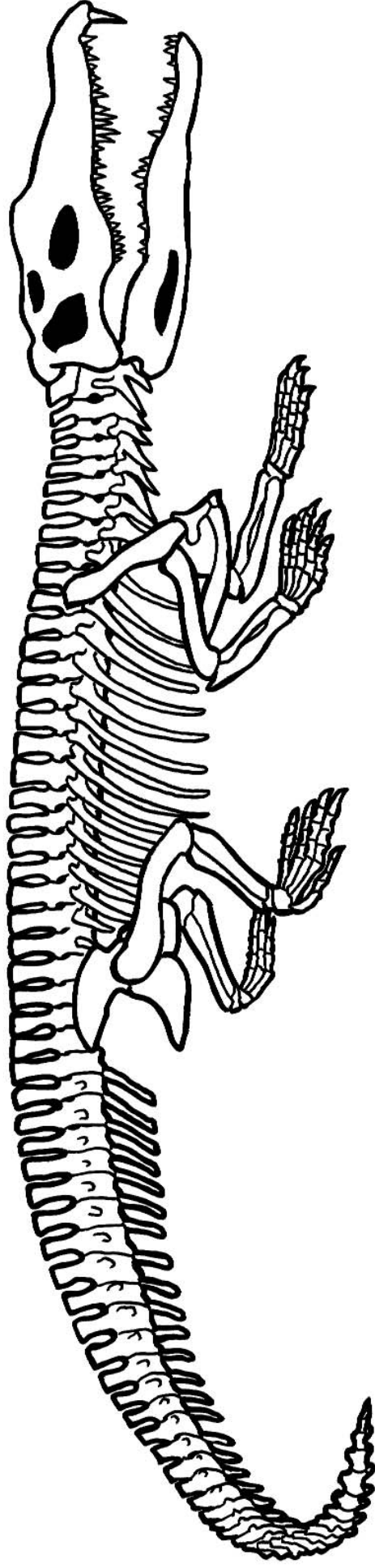


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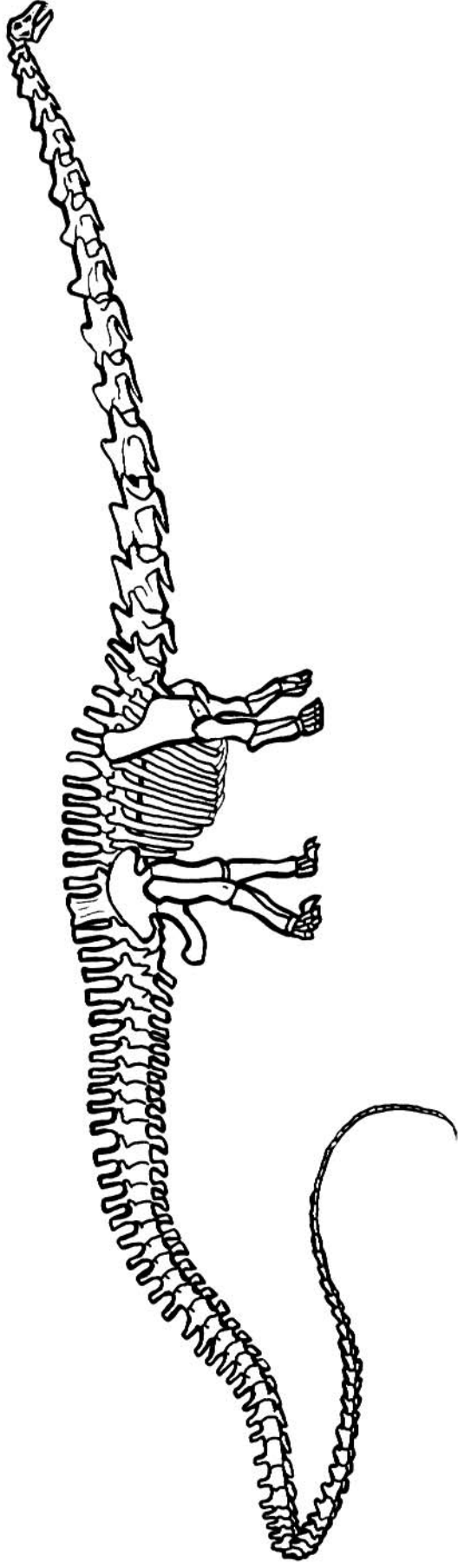
## ***Protoceratops***



# ***Redondasaurus***



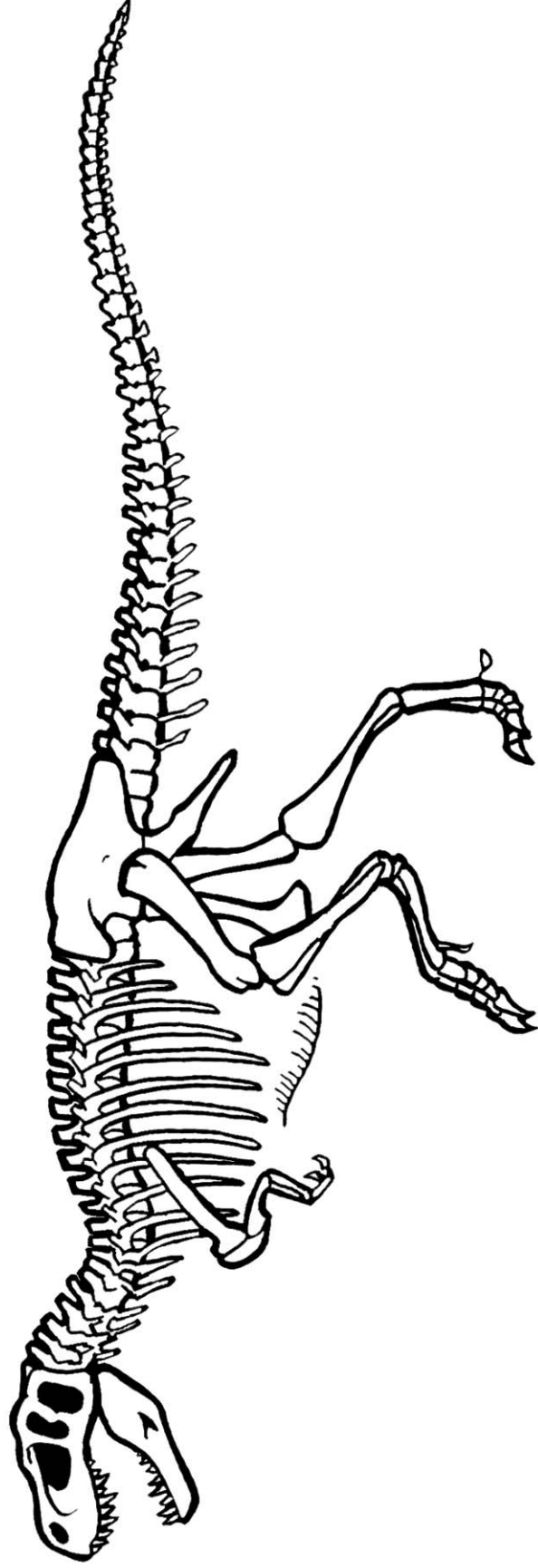
# ***Seismosaurus***





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# *Tarbosaurus*





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# ***Oviraptor***

