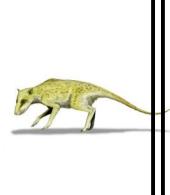
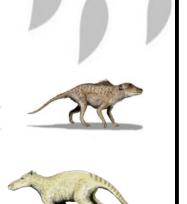


## Whale Evolution

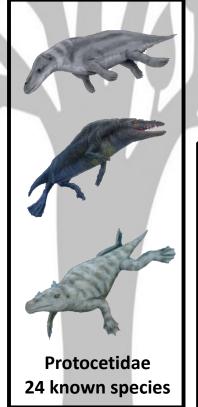
## **GringoCurt.com**

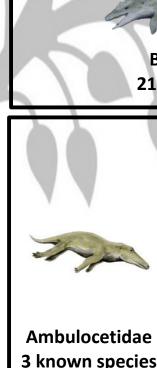


Raoellidae Last Ancestor with Hippos 10 known species

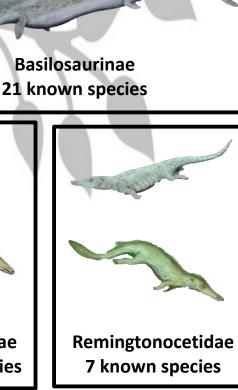


**Pakicetidae** First Member of Cetaca 7 known species





3 known species



## **Click the images for more** information on individual species



**Even-toed Ungulates** (Artiodactyla) Last Ancestor with Goats, Sheep, Deer & Cows

## **Quick Facts**

- \*We know that Whales and Dolphins are Even-toed Ungulates due to their unique ankle bones.
- \*Their closest living relatives are Hippos and Ruminants such as cattle, sheep and deer.
- \*Ambulocetidae likely behaved similarly to crocodiles. Able to walk on land, wade in shallow water, and attack land animals.
- \*Protocetidae had a nasal opening much farther back on the head. Eventually evolving into "blowholes"
- \*Basilosaurinae were the first truly aquatic whales. They gave birth in water, could not walk on land, and had tail flukes.
- \*Ecolocating Whales and Dolphins evolved between 36 and 33 million years ago.