

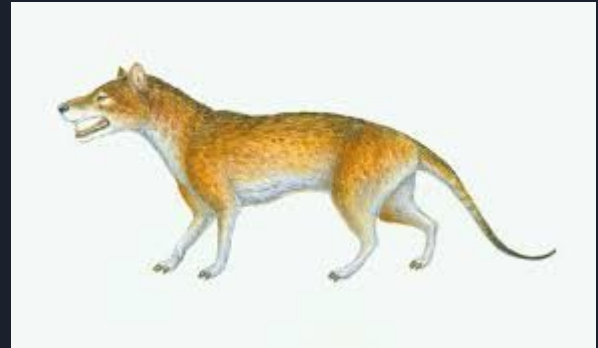


Bottlenose Dolphin

By: Matt Cassidy and Landon Antonio

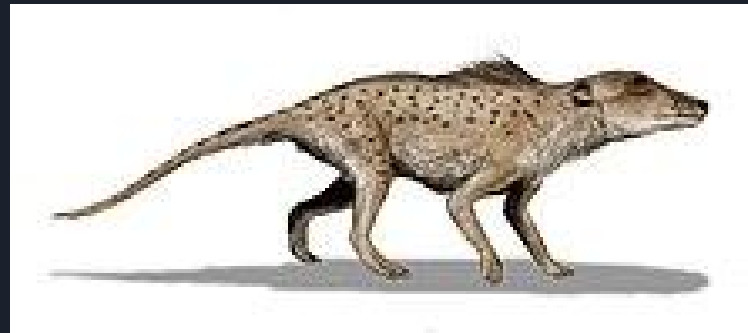
Mesonyx

- ❑ The first known ancestor
- ❑ Ypresian to Eocene
- ❑ Preyed on hoofed plant eaters
- ❑ Found in Utah, Wyoming, Colorado, and China
- ❑ About 1.5m in length
- ❑ Small hooves for claws



Pakicetus

- ❑ 1-2 meters long
- ❑ Four long legs
- ❑ Long snout
- ❑ Early to middle Eocene
- ❑ Found in Pakistan



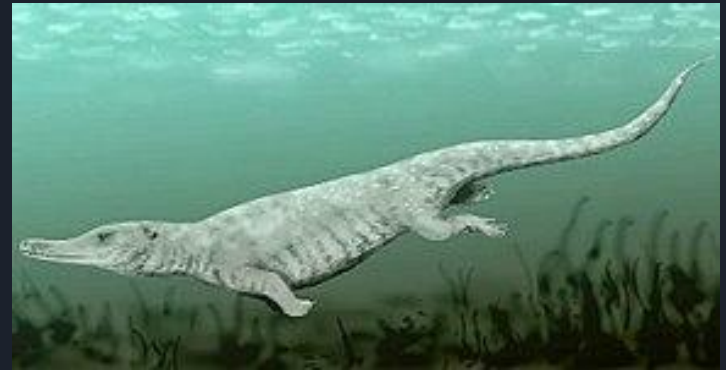
Ambulocetus

- ❑ Early Eocene
- ❑ 49 mya
- ❑ Long snout, eyes on side of head
- ❑ Fully aquatic
- ❑ Flipper like hind feet
- ❑ Found near Pakistan



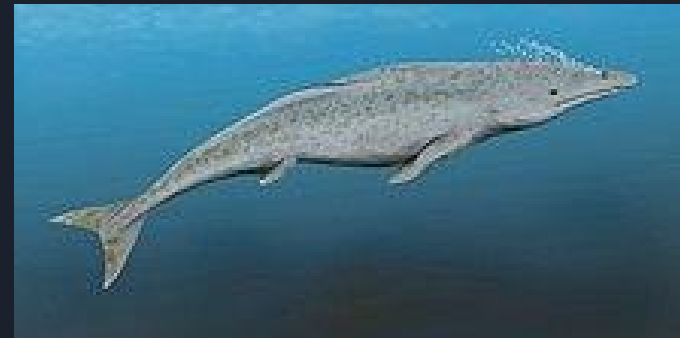
Remingtonocetus

- ❑ Middle to late eocene
- ❑ Lived in tropical waters
- ❑ 45-43 mya
- ❑ Found in India



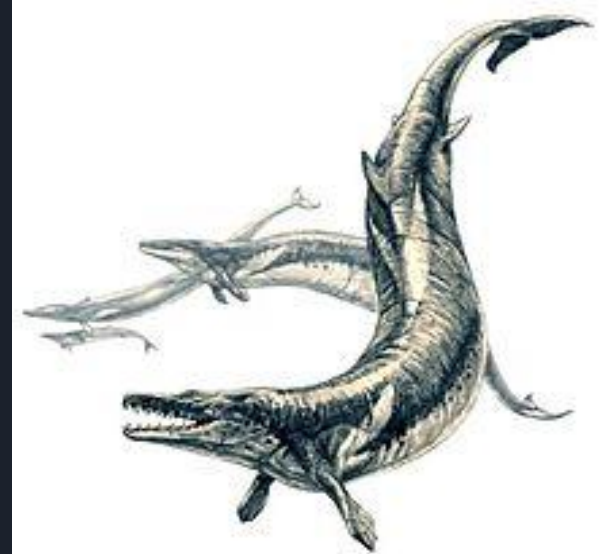
Protocetidus

- ❑ Jaws were long and had sharp teeth
- ❑ 2.5-2.6 meters long
- ❑ Hind and front flippers
- ❑ Nostrils almost on back of head
- ❑ Lutetian period/late Eocene



Basilosauridae

- ❑ Very late Eocene
- ❑ 40-30 mya
- ❑ 15-18 meters
- ❑ Found in Egypt and Jordan
- ❑ Aquatic ears
- ❑ Bite force=3,600 pounds
- ❑ Eel like body shape



Dorudontidae

- ❑ 40-33 mya
- ❑ Described as juvenile basilosaurus
- ❑ Again nostrils start to move to top of head
- ❑ Teeth had incisors



Tursiops (Bottlenose dolphin)



- ❑ Our modern day dolphin
- ❑ Can be 6 to 12 feet in length
- ❑ Can be found from southern california to chile and from japan to australia
- ❑ It's skin color helps it blend in with the water if seen from below
- ❑ Has large brain which indicates high intelligence



Citations

<http://marinebio.org/species.asp?id=33>

<http://palaeo.gly.bris.ac.uk/palaeofiles/whales/archaeoceti.htm>

Amnh.org

<https://en.wikipedia.org>



Thank you for listening