

Nekton

*Sampling can be a challenge...
Or not...*

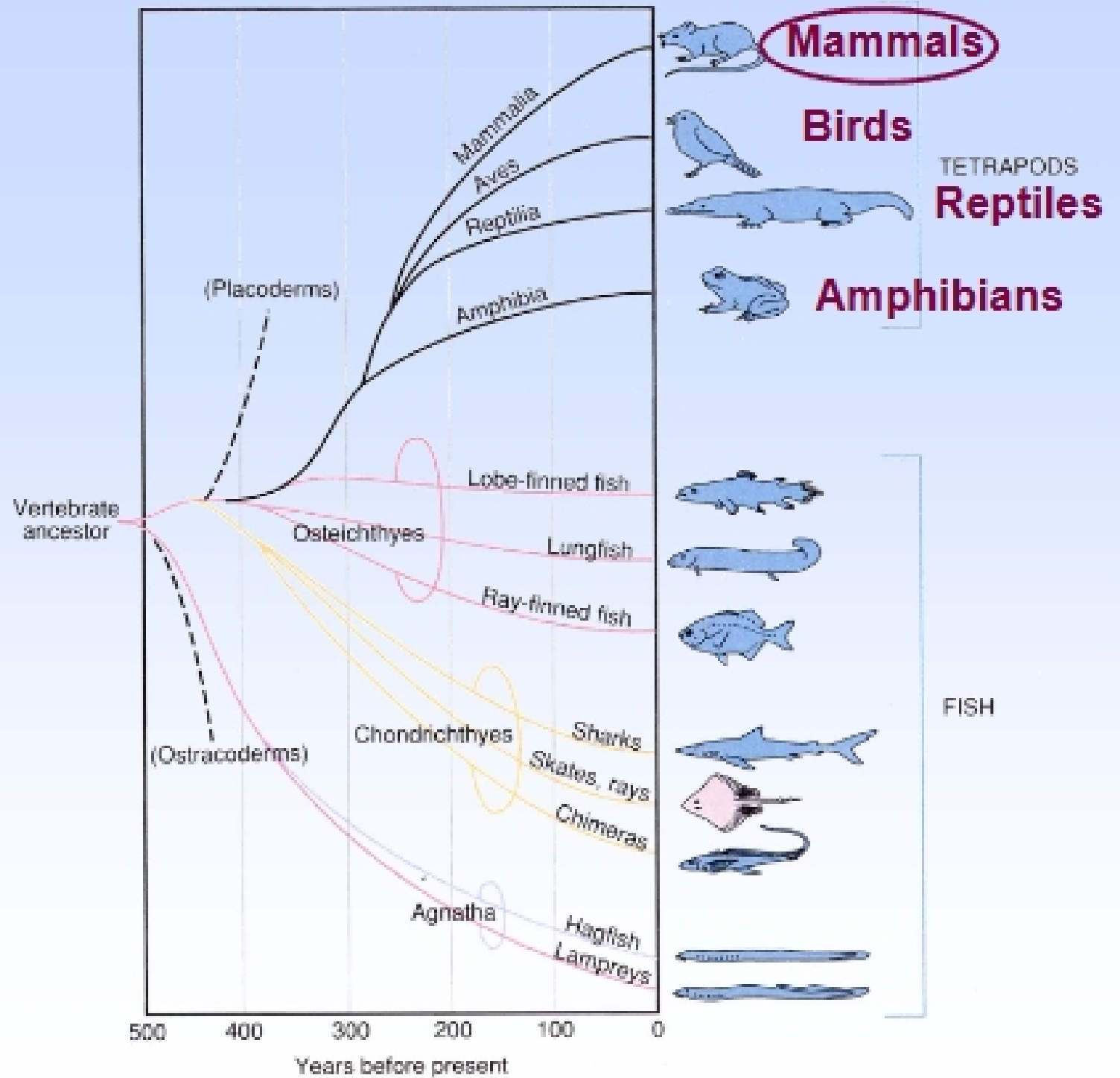


**MARS 3450,
12 September, 2013**

© Bill Bouton <http://www.dailymail.co.uk/news/article-2191301/>

20 August 2012, Avila Beach near San Luis Obispo, CA

Nekton Part 2



Sumich 1992

Class: Mammalia

- Endotherms
- Body covered with hair
- Bear live young, feed with milk

Also some fish:
large tunas

Order: Carnivora

Superfamily: Pinnipedia **Seals, Sea Lions, Walruses**

- Live primarily in cold seas
- Rest and reproduce on land
- Conserve heat with:

Blubber ← **Insulation and buoyancy**

Thick fur that traps air

Large body size

← **Low surface:volume
ratio for heat retention**