

Whale Evolution Data

Part 1: Use the PowerPoint presentation to fill in the data below:

Name	Pachyaena	Pakicetus	Ambulocetus	Rodhocetus	Basilosaurus	Dorudon
Country where found						
Fossil Age						
Habitat (land, fresh water, shallow sea, open ocean)						
Skull, teeth, ear structure types most like... whale or land mammal?						
Limbs and tail description. Did it swim? How?						

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Part 2: Explanation

1. Construct a scientific explanation of how whale fossils are evidence for evolution. Use specific details about the different whales in your answer!

2. What surprised you? What do you wonder?

3. Why does the fossil record matter?