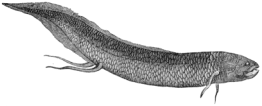
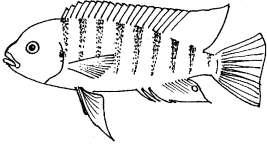

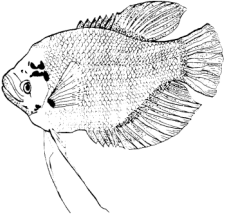
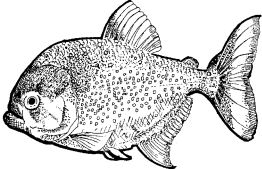



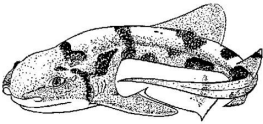
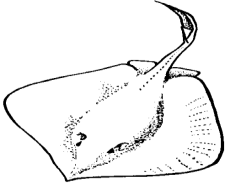
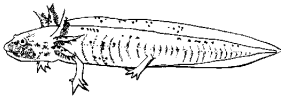


Respiration around the Aquarium

Name: _____

Aquarium Animal	Habitat	Gas Exchange Method	Question/Answer
Lungfish 			Lungfish spend the dry season in a mud burrow. How do they breathe when there is little water?
Cichlid 			Female Cichlids use their mouth to hold eggs. Does this interfere with O ₂ intake?
Catfish 			Explain how this fish's habitat forced adaptation for gas exchange.
Giant Gourami 			Explain how this fish's habitat forced adaptation for gas exchange.
Piranha 			Explain the double pump breathing habit of the piranha.

Respiration around the Aquarium

Aquarium Animal	Habitat	Gas Exchange Method	Question/Answer
Terrapins 			Some Terrapins hibernate at the bottom of ponds. How do they get O ₂ under water?
Eels 			What aids an eel's respiration when migrating over land?
Sea Horse 			Observe the seahorses' mouths and operculums. How do they get enough water across their gills for sufficient O ₂ transfer.
Sharks 			Explain ram ventilation
Stingray 			Sharks and stingrays have spiracles. What are these used for?
Axlotyl 			What happens to the axolotl's gills in low oxygenated water? Why?