

Evolution and Adaptation

Walking With Monsters: Before the Dinosaurs

As you are watching the video, keep track of some of the creatures by filling in the information below.

Creature	Period	Adaptation	advantage of adaptation	Selective Force
Anomalocaris (early predator)	Cambrian	Eyes	Allows it to see prey	Food Source
Haikouichthys (early fish)	Cambrian	1. Backbone 2. Grouping	1. Flexibility/Movement 2. survival	1. Environment/Habitat 2. Predators
Brontoscorpio	Silurian	gills, stinger, claws, legs (circle one)		
Cephalaspis (fish)	Silurian			
Pterygotus (large arthropod)	Silurian			
Cooksonia (early land plant)	Silurian			
Hynerpeton (amphibian)	Devonian			

Creature	Period	Adaptation	advantage of adaptation	Selective Force
petrolacosaurus (early reptile)	Carboniferous			
Meganeura (giant dragonfly)	Carboniferous			
Dimetrodon (reptile with sail)	Permian			
Diictodon (small mammal-like creature)	Permian			
Euparkaria (small dinosaur ancestor)	Triassic			