

## Big ideas in evolutionary thinking

Directions: Work in a group for 30 minutes to complete both sides of this chart

<i>Scientist</i>	<i>Observations</i>	<i>Inferences</i>	<i>Name of theory/model</i>
<b>Aristotle</b>			
<b>Linnaeus</b>			
<b>Cuvier</b>			Catastrophism
<b>Hutton</b>	<ul style="list-style-type: none"> <li>• Different rock formations can intersect</li> <li>• Ripple marks in sedimentary rocks</li> <li>• Strata can be oriented vertically</li> </ul>		
<b>Lyell</b>	<ul style="list-style-type: none"> <li>• Icebergs can transport sediment from glaciers</li> <li>• Recent volcanic eruptions can build up mountains</li> <li>• Fissures associated with earthquakes</li> </ul>		Uniformitarianism
<b>Lamarck</b>			Soft inheritance or Lamarckism



