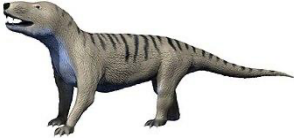
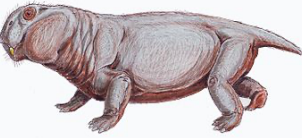
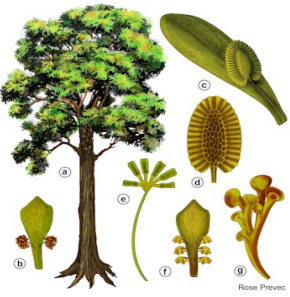



DATA SHEET: FOSSIL CHARACTERISTICS AND LOCATIONS

Phenomenon-Based Instructional Task: Puzzling About the Past

Fossil	Characteristics	Where It Has Been Found
Cynognathus 	<ul style="list-style-type: none"> • Extinct • Lived during the Triassic period • Almost 4 feet long, big head, wide jaws, sharp teeth • Predator • Land reptile, related to mammals 	<ul style="list-style-type: none"> • Southwestern Africa • Eastern South America
Lystrosaurus 	<ul style="list-style-type: none"> • Extinct • Lived during the Permian and Triassic periods • Size of a pig, with two tusk-like teeth • Herbivore • Land reptile, common terrestrial during that time 	<ul style="list-style-type: none"> • Southern Africa • India • China • Antarctica
Glossopteris 	<ul style="list-style-type: none"> • Extinct • Existed during the Permian period • Woody fern, shrub/tree with tongue-shaped leaves 	<ul style="list-style-type: none"> • Southern Africa • Southern South America • India • Antarctica • Australia
Mesosaurus 	<ul style="list-style-type: none"> • Extinct • Lived during the Permian period • Freshwater reptile • Over 3 feet long, webbed feet, streamlined body, long tail, small skull, long jaws 	<ul style="list-style-type: none"> • Southern Africa • Southern South America

Bogdanov, D. (2007). *Lystr murr1DB* [Image]. Wikimedia Commons.

https://commons.wikimedia.org/wiki/File:Lystr_murr1DB.jpg

Hardy, C. (2010). *Reconstruction of Glossopteris* [Image]. Furman University.

<http://facweb.furman.edu/~wworthen/bio440/evolweb/permian/gloss.htm>

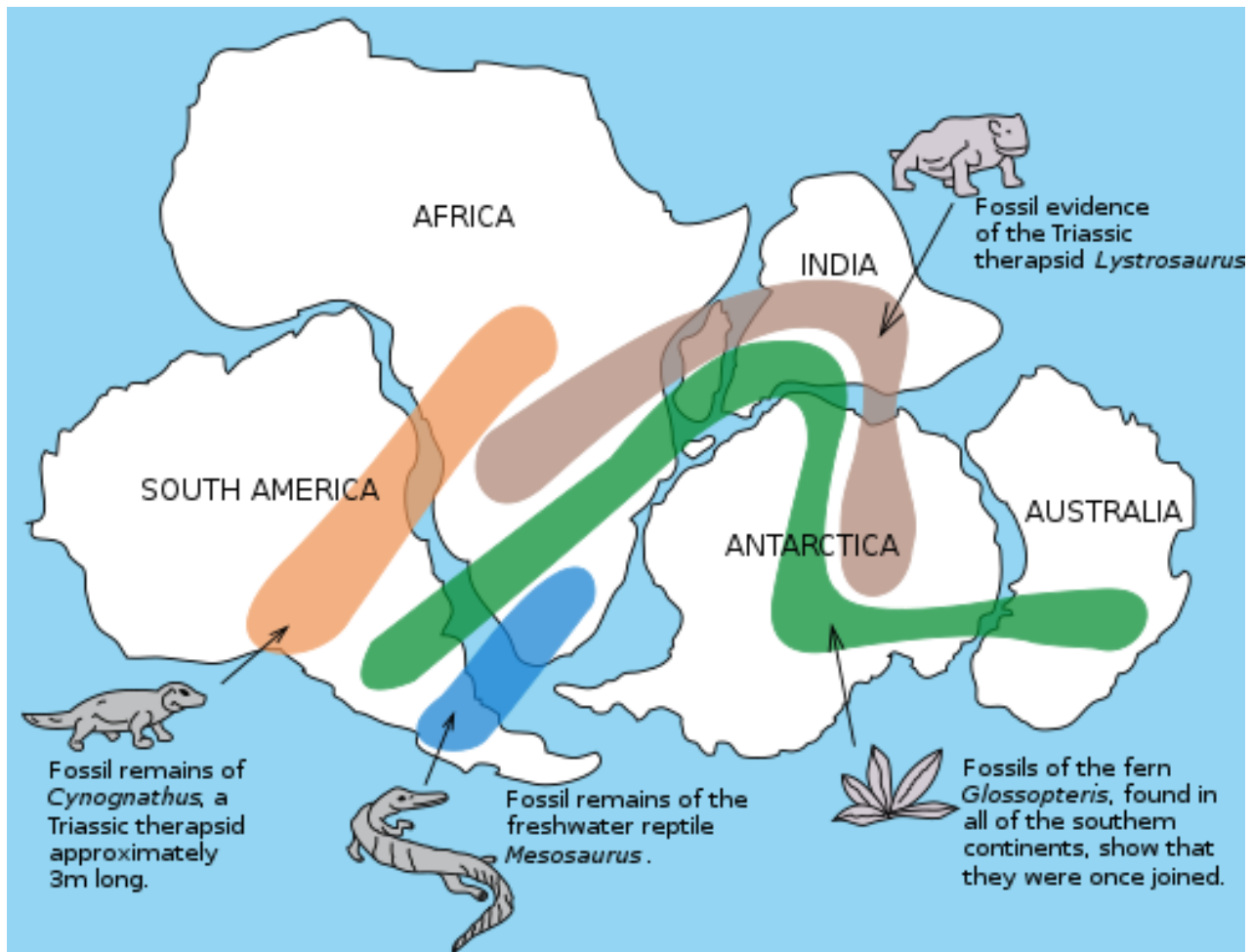
Tamura, N. (2007). *Mesosaurus BW* [Image]. Wikimedia Commons.

https://commons.wikimedia.org/wiki/File:Mesosaurus_BW.jpg

Tamura, N. (2016). *Life reconstruction of Cynognathus crateronotus* [Image].

https://en.wikipedia.org/wiki/Cynognathus#/media/File:Cynognathus_NT_small.jpg

Locations of Certain Present-Day Fossils If Continents Were Rejoined



Osvoldocangaspadilla. (2010). Snider-Pelligrini Wegener fossil map [Image]. Wikimedia Commons.
https://commons.wikimedia.org/wiki/File:Snider-Pellegrini_Wegener_fossil_map.svg

Data sheet and map adapted from:

Fossil Evidence. (n.d.). The Geological Society of London. <https://www.geolsoc.org.uk/Plate-Tectonics/Chap1-Pioneers-of-Plate-Tectonics/Alfred-Wegener/Fossil-Evidence-from-the-Southern-Hemisphere>