## Continental Drift Notes

\_Alfred Wegner\_\_\_\_\_ proposed the hypothesis of

Wegner believed that all the continents were connected into  $\ensuremath{\text{one}}$  giant

continental drift.

landmass called \_Pangaea\_.

The continents took200 millionto move.	years	C. Permian (260 m.y.a.) North Europe
They moved1/2-2 inches inches a year.		2
What clues did Wegner have to support his hypothes	is?	South America Africa Au
•Fossil		Antarotica
Mesosaurus (in South America and Africa)		
Glossopteris (in Africa, Australia, India, South America Antarctica)	, and	AFRICA INDIA
•Climate		SOUTH AMERICA ANTARCTICA
Fossils of warm weather plants were found on Antarctic	ca and	Fosti remirio of
Greenland which are now totally covered in ICE!		Cynopnatrus, a Triassic land reptile approximately 3 m long. Fossil remains of the freatwater reptile
<ul> <li>Geology</li> </ul>		Medicaliza Maria
Similar Rock structures in the Appalachian Mountains, G America, And Western Africa.  How are the plates moving?	reenland, West	ern Europe, South
One Word :Convection!  The middle mantle flows because of convection currents. Convection Currents are caused by the very hot material at the deepest part of the mantleRising, then cooling	South America Trench South America	Mid-Atlantic Ridge  American Plate  African  Convection Current

expands and rises.

and .	Sinking_	again repeating this cycle over and over.	