

- 2) "Continental drift theory" was proposed by Alfred Wegener in 1912 and he was the first person who proposed that the continents are moving. According A. Wegener there are total two forces responsible for the "Continental drift theory" which are -
- 1) All fleidal force - which talks that continent are moving away from the pole i.e. towards the Equator.
 - 2) Tidal force of moon and sun - which talks that as the rotation of the earth leads to opposite force acting on continent which results in drifting of continent from east to west.
- A. Wegener gave following evidences for his theory which are :-
- 1) Jigsaw fit - By looking at the present day continent structure the different parts of continent can join together, for eg :- eastern part of south America can be fitted into western part of Africa, which provides the evidence of Supercontinent i.e. "Pangea" during Carboniferous period i.e. 300 million years ago.
 - 2) Palantological evidence - few fossils of organism found in different parts of world like Antartica, South America, Africa and etc, & it's prove that these organism cannot float or swim, which again gave evidence for "Pangea".
 - 3) Tillites - Tillites are the "glacier sediments" found in different parts of world.
 - 4) Gold placer deposite - Ghana coast of Africa contain few amount of gold deposite which match with the sources of the Brazil which

suggests that these part are connected at some time

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5> Formation of Mountain - Appalachain mountain of North America are created with the same activities as the north west mountain of Europe were created which indicates that these mountains were formed at same time which same earth movement.

Above are the few evidence provided by A. wege to support his theory called "continantal drift theory".