

Theory of Continental Drift

The Theory (*teoría*) of Continental Drift (*deriva continental*)

The Theory of Continental Drift says:

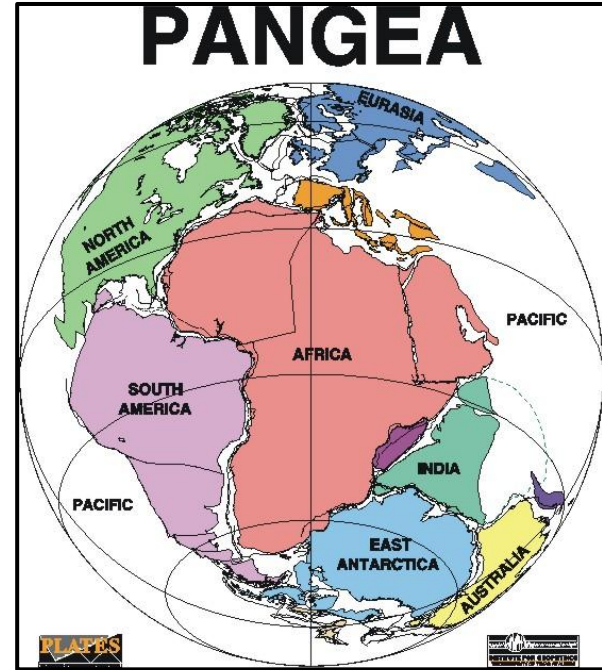
- 1) The continents (*continentes*) started (*empezaban*) as a single continent.
- 2) The continents have drifted apart (*se han separado*).



<http://www.fastcodesign.com/1673238/pangea-redrawn-with-todays-political-boundaries>

The Theory (*teoría*) of Continental Drift (*deriva continental*)

This continent is called (*se llama*)
Pangea.



<http://strangesounds.org/2013/06/where-did-you-live-on-pangea-amazing-contemporary-geopolitical-pangea-map.html>

The Theory (*teoría*) of Continental Drift (*deriva continental*)

The scientist (*el científico*) who proposed (*propuso*) this theory in 1915 was named (*se llamaba*) Alfred Wegener.



https://www.google.com/search?q=alfred+wegener&espv=2&biw=1229&bih=631&source=Inms&tbn=isch&sa=X&ved=0CAYQ_AUoAWoVChMI_MTZ4eqGyAIVBNOACh1w2wDO&safe=active&ssui=on#imgrc=Q6_hQeH4EpZQgM%3A

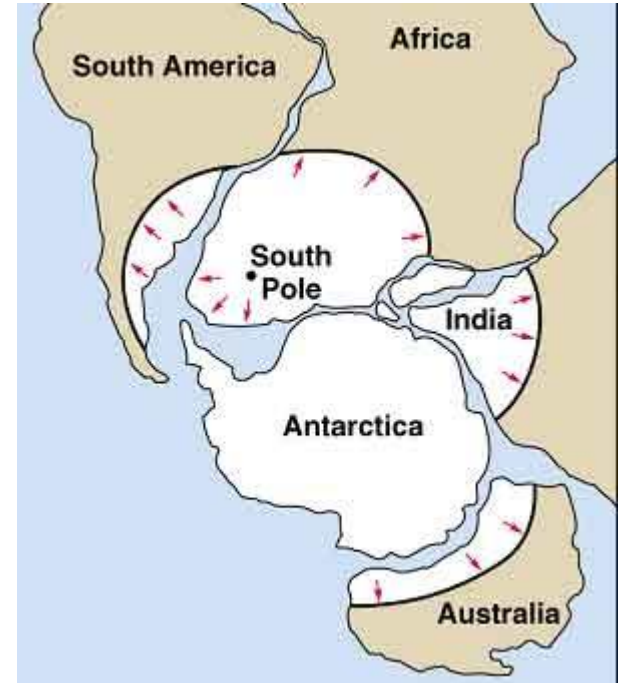
The Theory (*teoría*) of Continental Drift (*deriva continental*)

Evidence (*evidencia*):

1) Glacier marks (*marcas*)

As (*mientras*) glaciers move (*se mueve*), boulders (*rocas*) scratch (*rascan*) the surface (*superficie*).

The glacier marks line up (*alinean*) when we look (*cuando miramos*) at Pangea.



The Theory (*teoría*) of Continental Drift (*deriva continental*)

Evidence (*evidencia*):

2) Fossils (fósiles) of land animals (*animales terrestres*)

Fossils of many different animals (*muchos animales diferentes*) were found (*estaban encontrados*) on different continents.



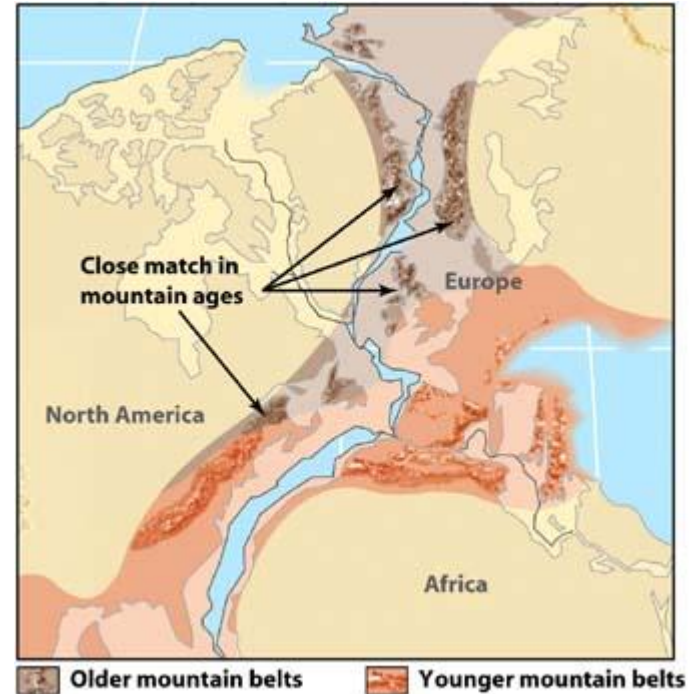
http://www.albertawow.com/fossils/alberta_fossils.htm

The Theory (*teoría*) of Continental Drift (*deriva continental*)

Evidence (*evidencia*):

3) Ages (*edades*) of rocks (*rocas*) on coasts (*costas*)

Rocks of the same type (*el mismo tipo*) and age are found (*se encuentra*) on both sides (*a los dos lados*) of the Atlantic Ocean.



The Theory (*teoría*) of Continental Drift (*deriva continental*)

Continental Drift Video

<http://www.pond5.com/stock-footage/128542/pangea-earths-continents-separate.html>

Future Plate Motions Video

<https://www.youtube.com/watch?v=2It3ETk2MGA>