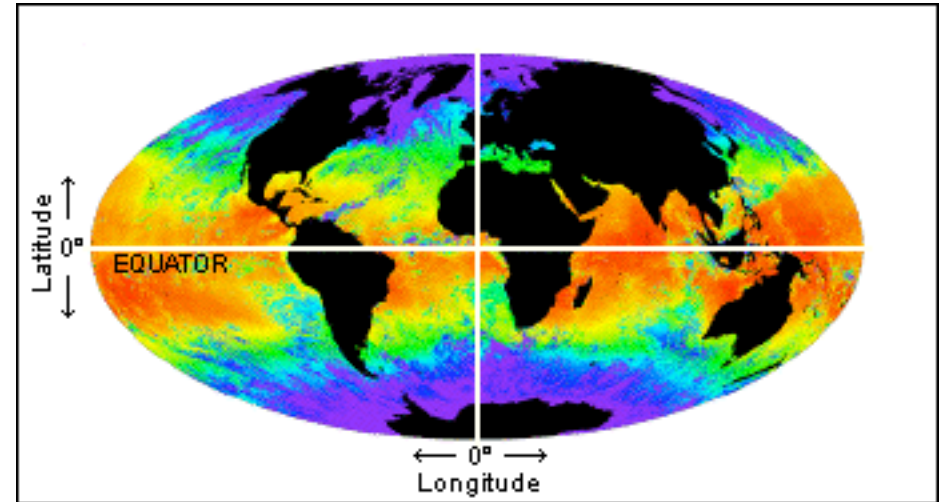
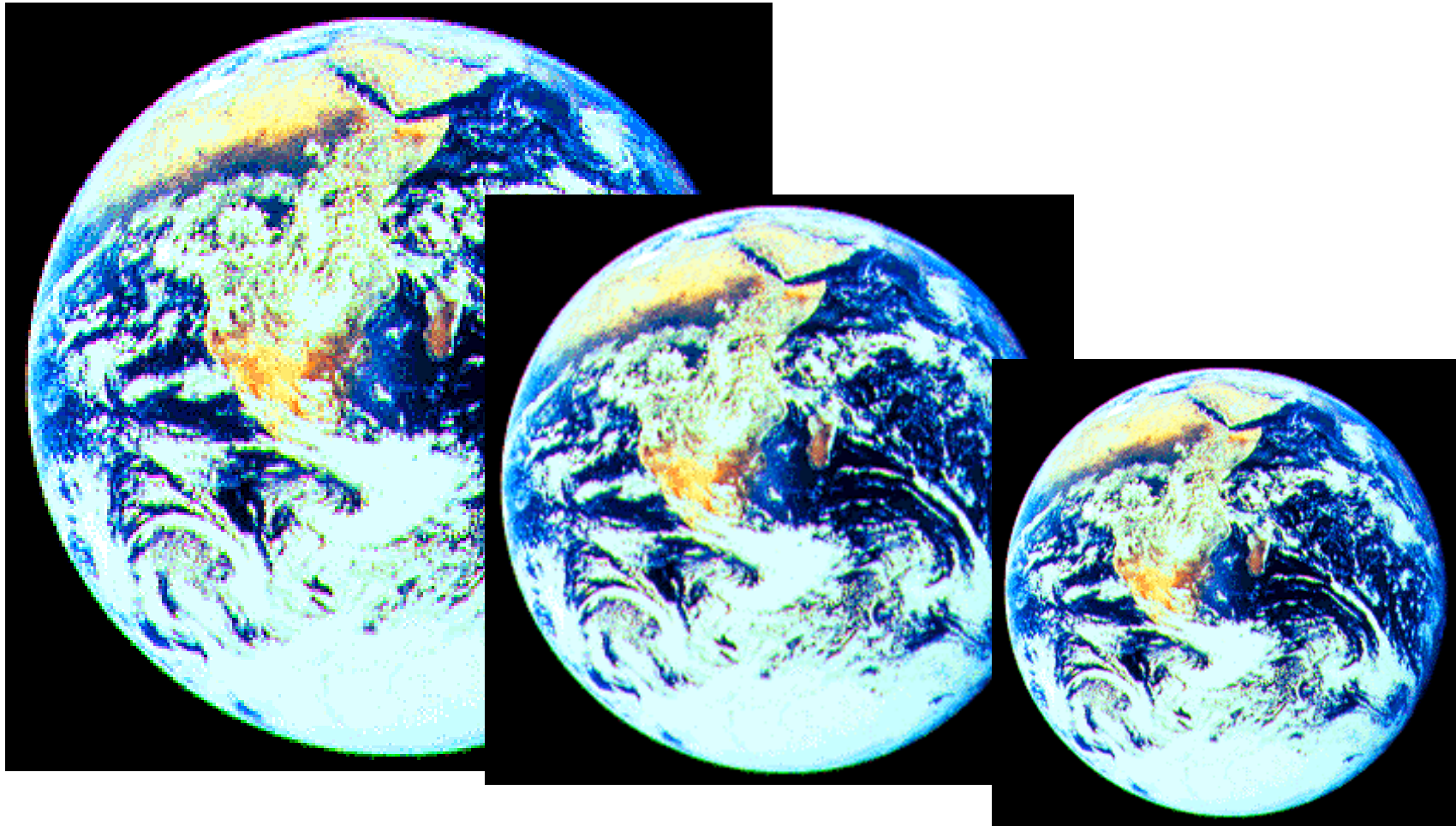


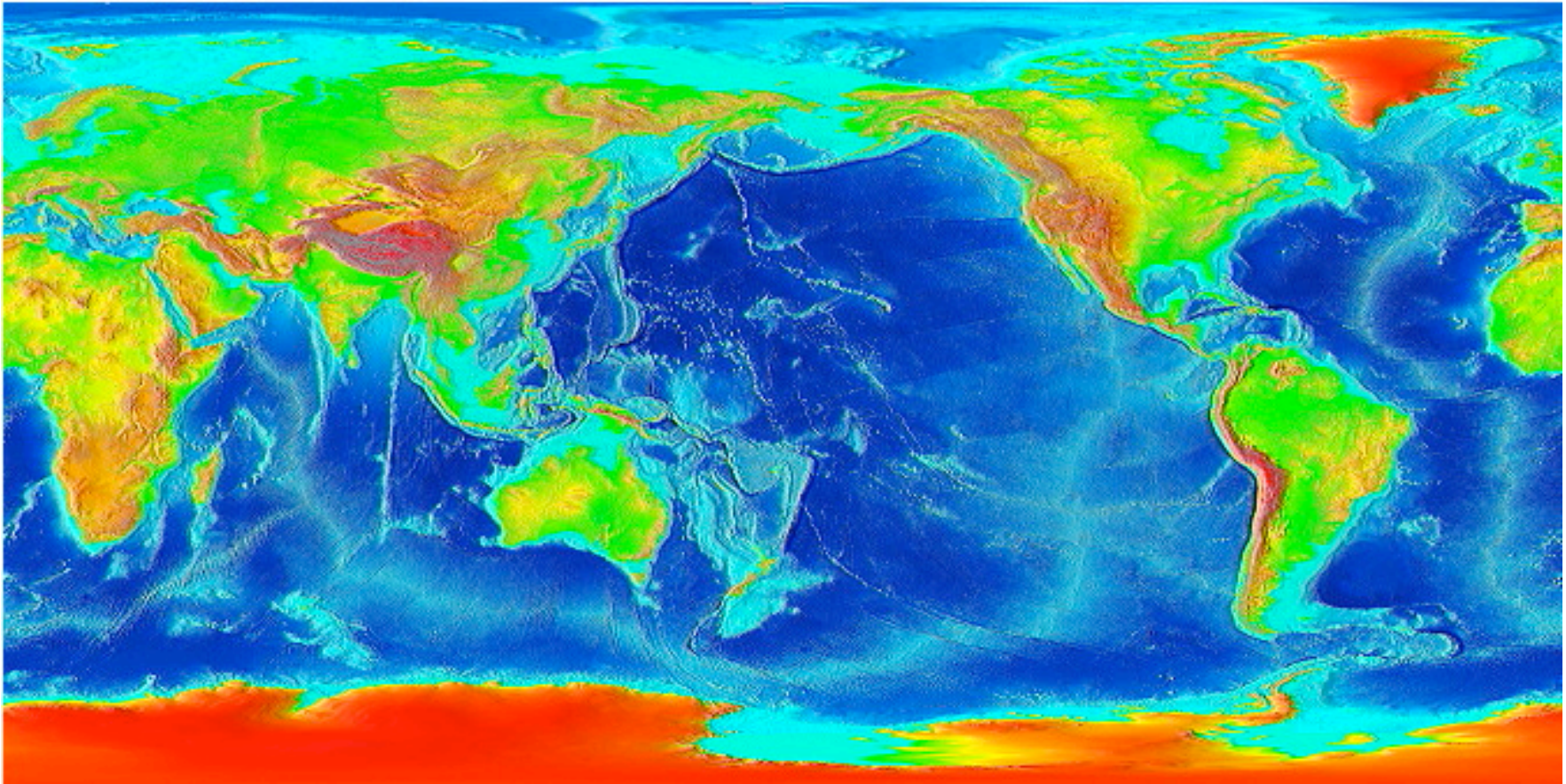
The Theory of Continent Formation--Chapter 2



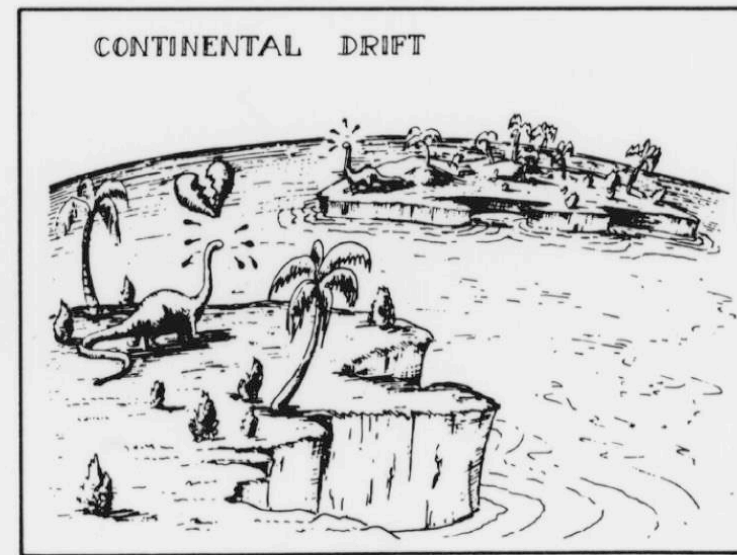
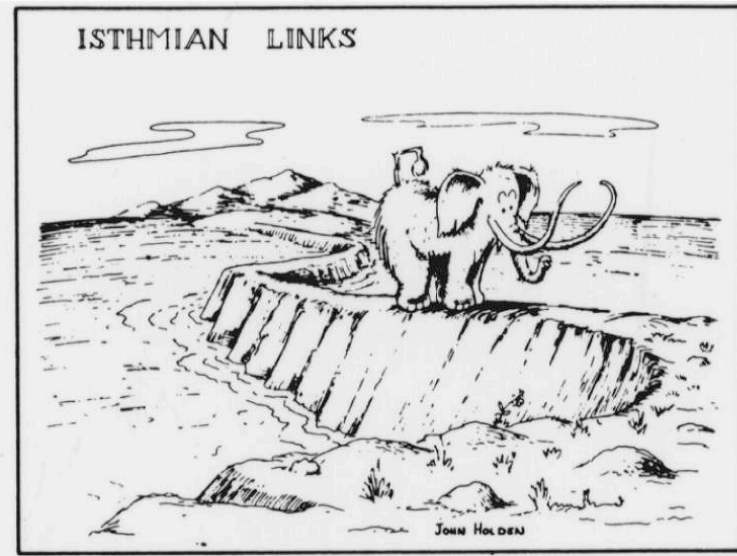
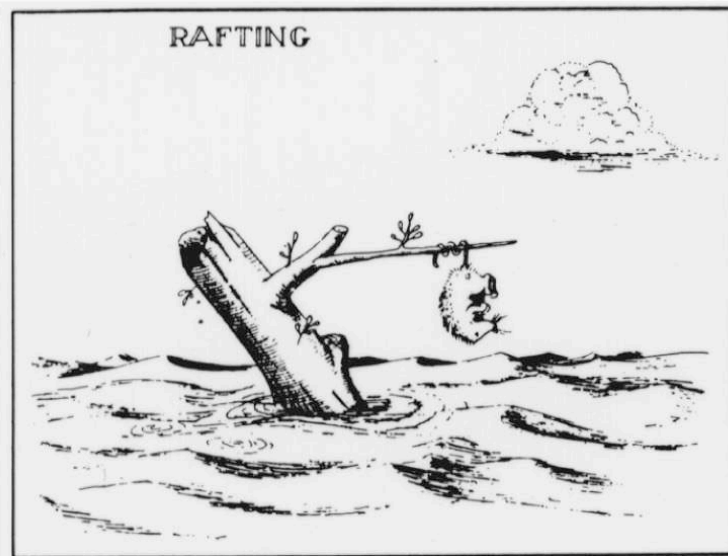
Contracting (Shrinking) Earth



Linear Mountain Belts

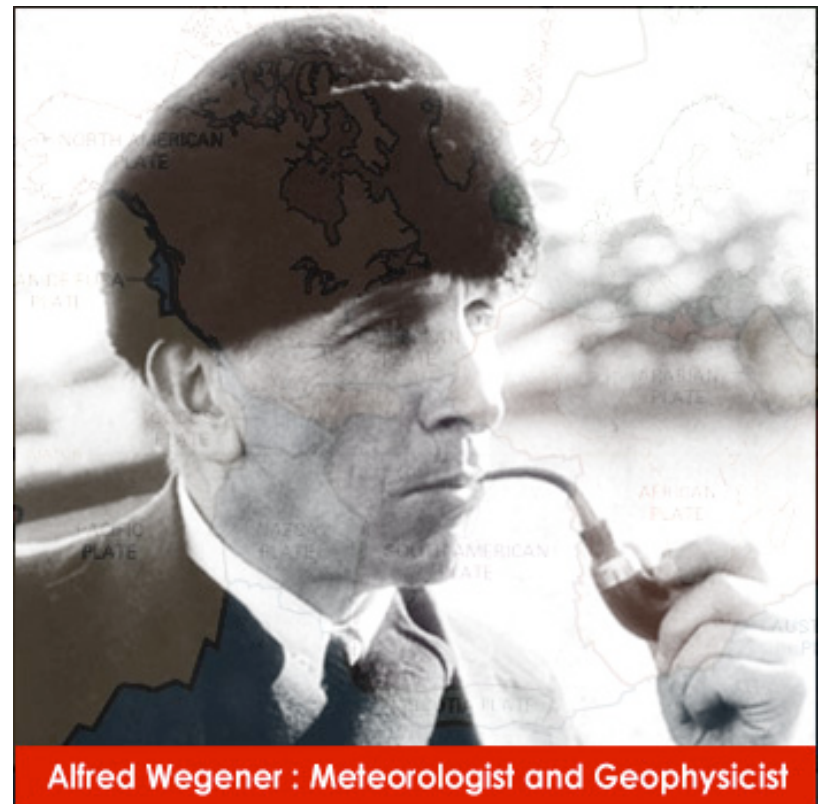


Similar Past Plants and Animals



Alfred Wegener

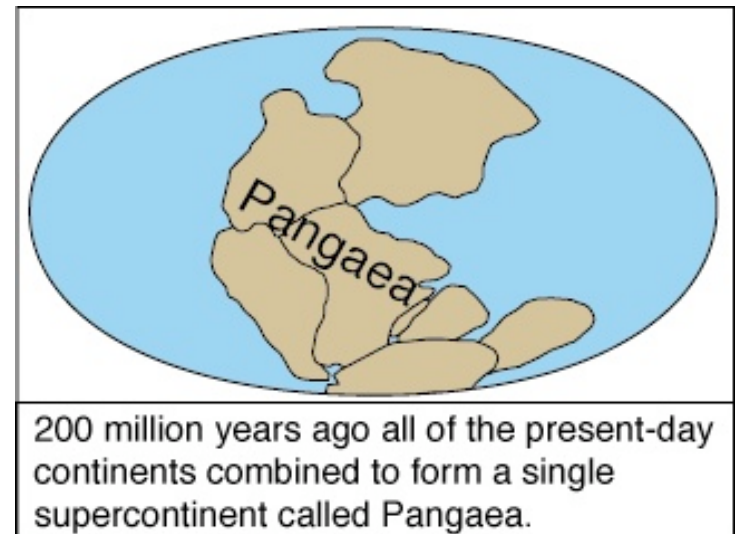
- 1880-1930
- Studied Meteorology
- Mostly Glaciers
- “Origin of Continents and Oceans”-1912
- Died in Greenland



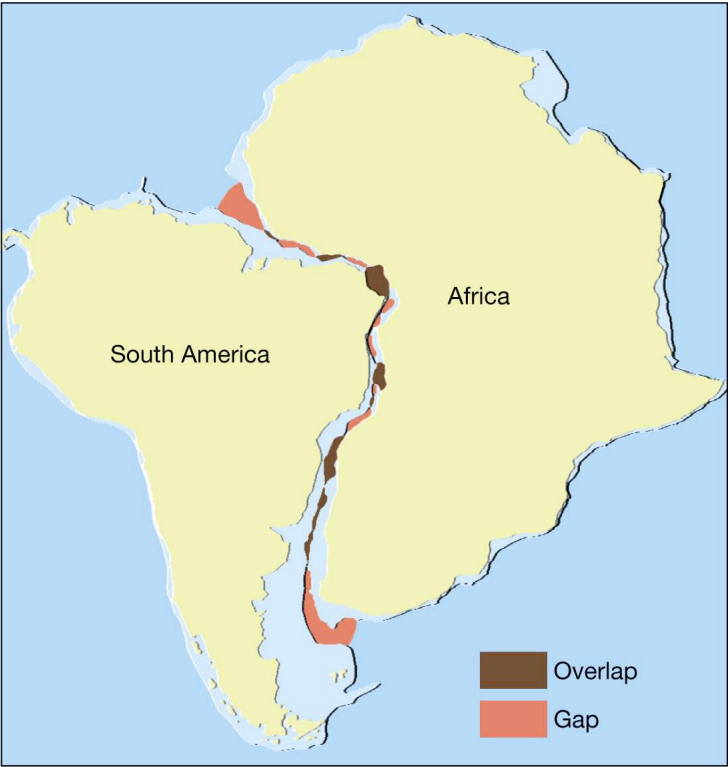
Alfred Wegener : Meteorologist and Geophysicist

“Origin of Continents and Oceans”

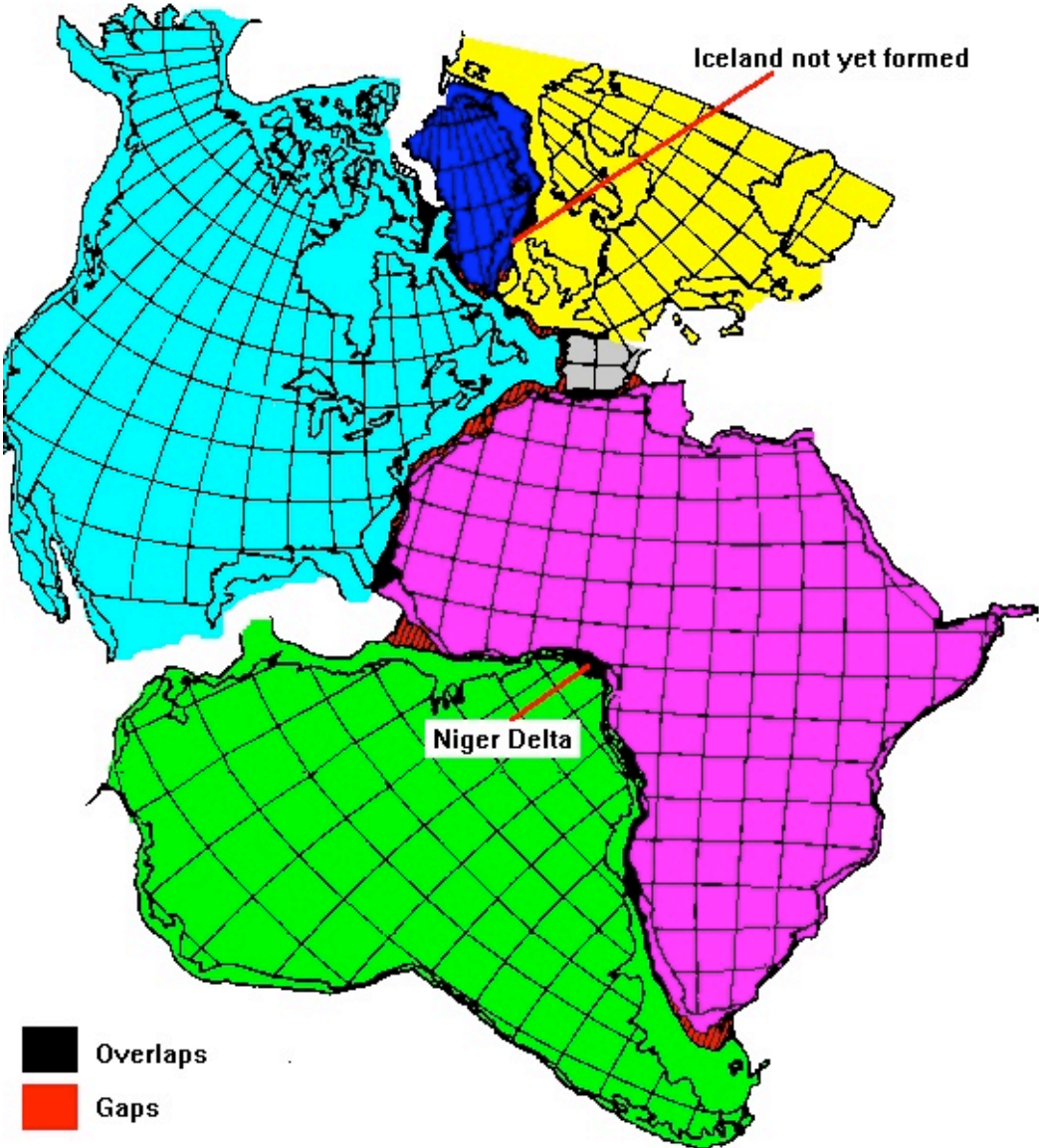
- Proposed a **Super Continent--PANGAEA!!**
- Formed about 225 million years ago
- Involved most of our Continents
- Not taken seriously
- What was his evidence??



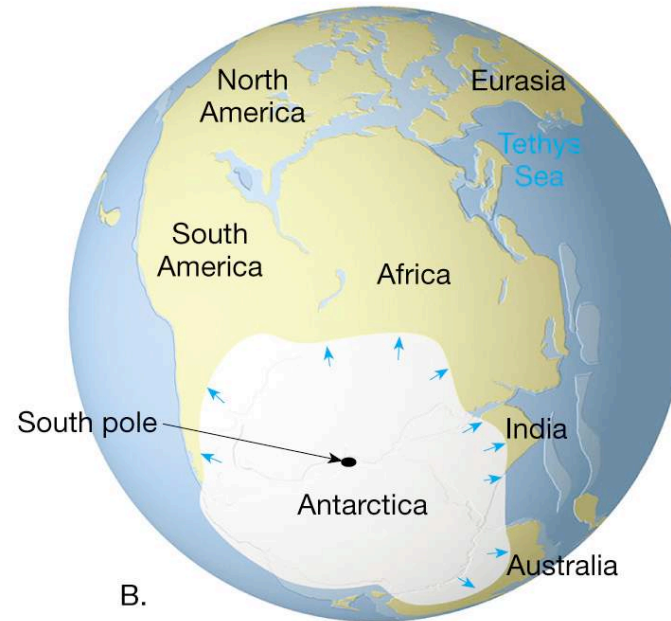
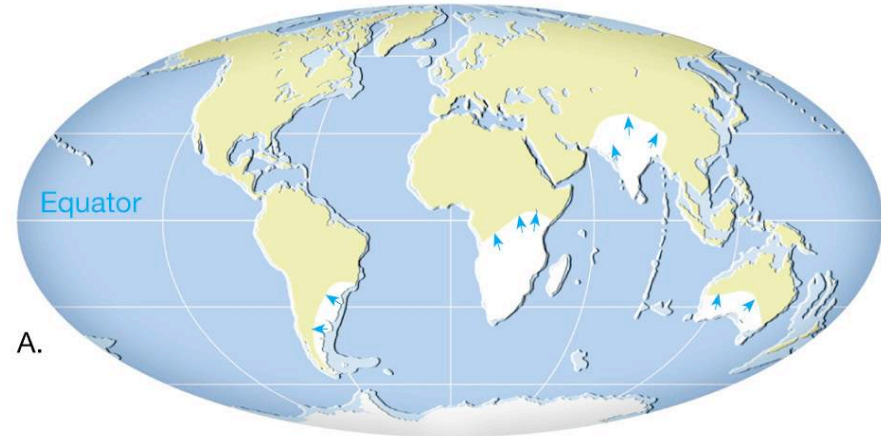
Evidence--Map Fit



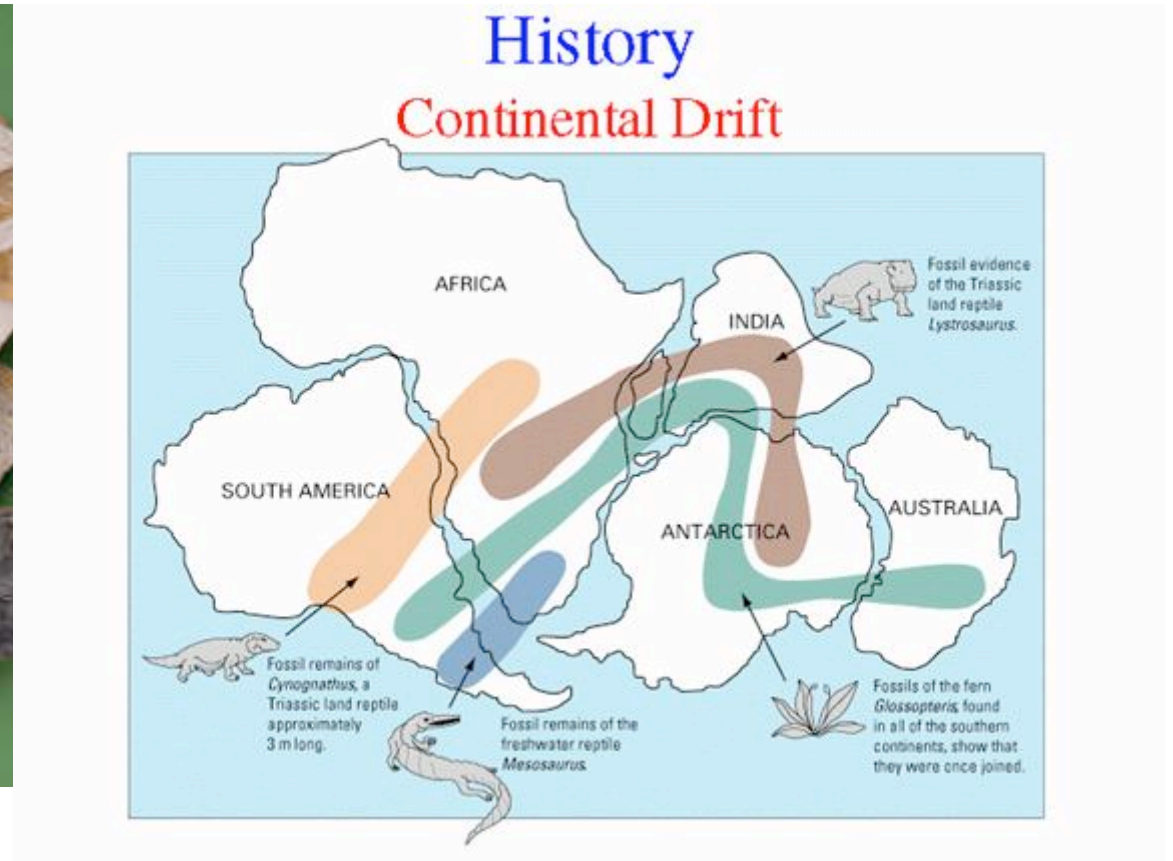
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Evidence--Glacial



Evidence--Biology



Evidence-Geology

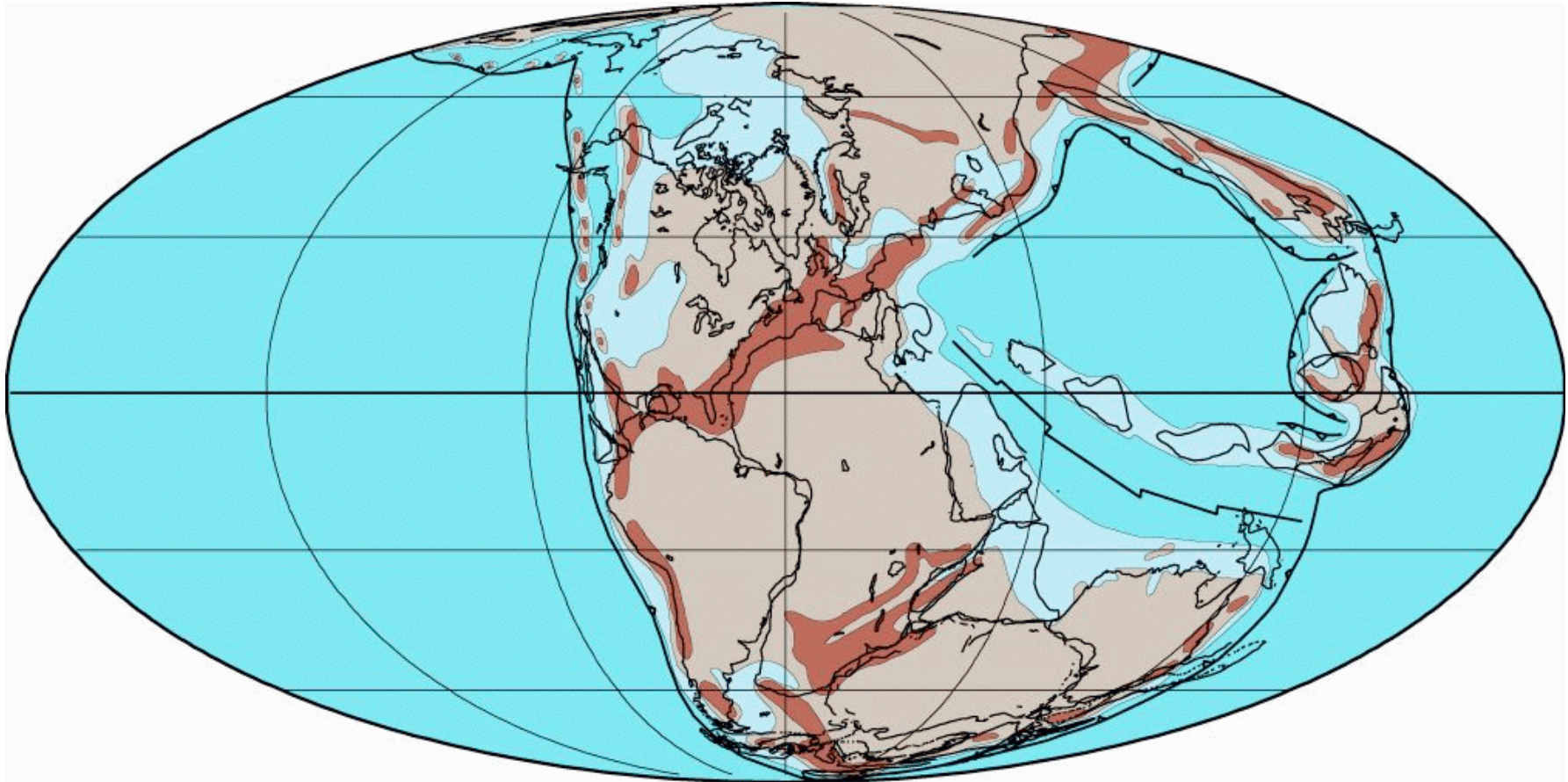


Continental drift what evidence supports it:

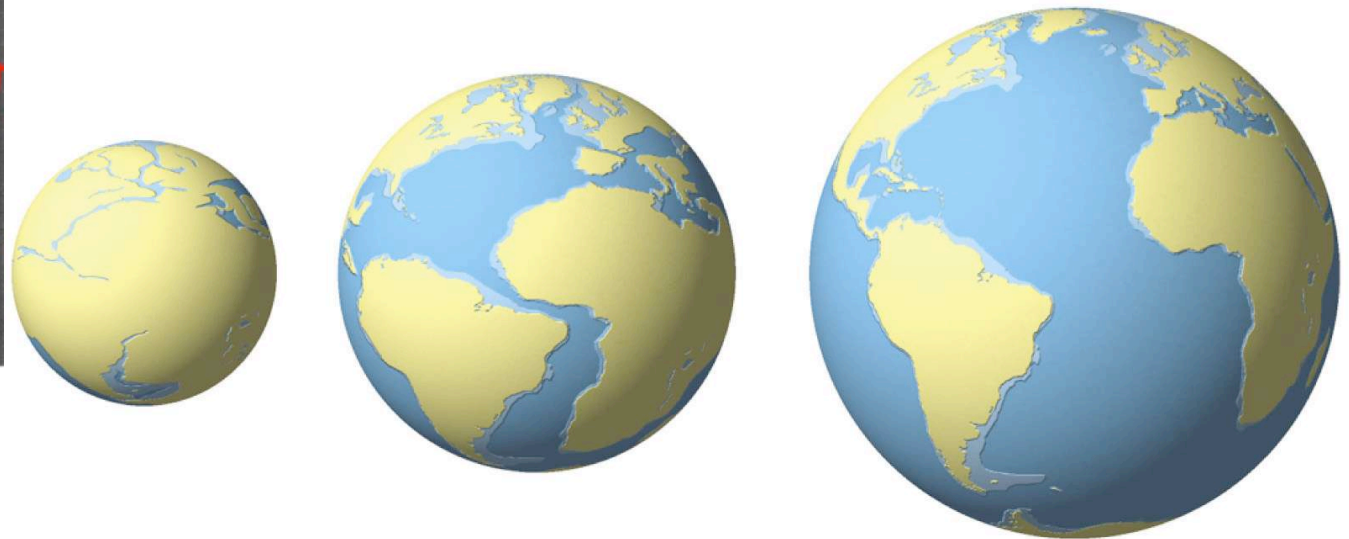
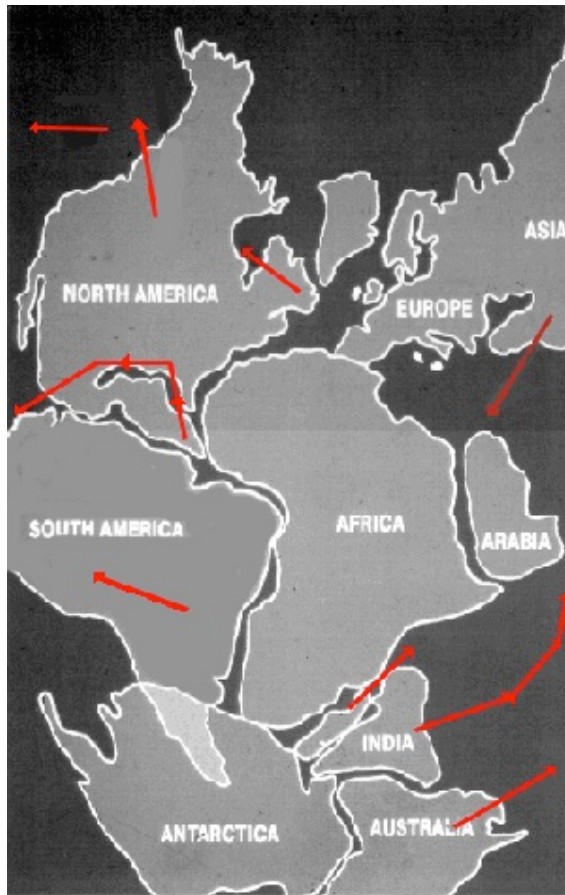
1. "Fit" of the Continents
2. Plants and animals match
3. The rocks match
4. Ice movement matches
5. Climates were different, positions do not match



Wegener & Pangea



Continental Movement





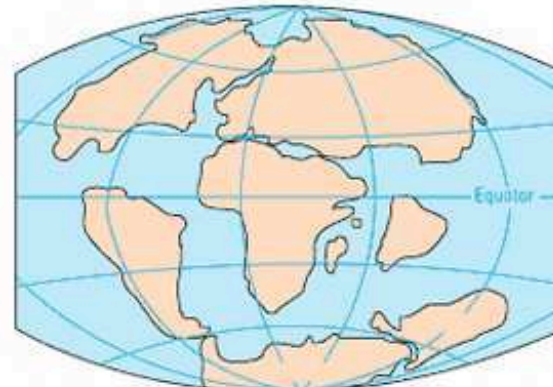
PERMIAN
225 million years ago



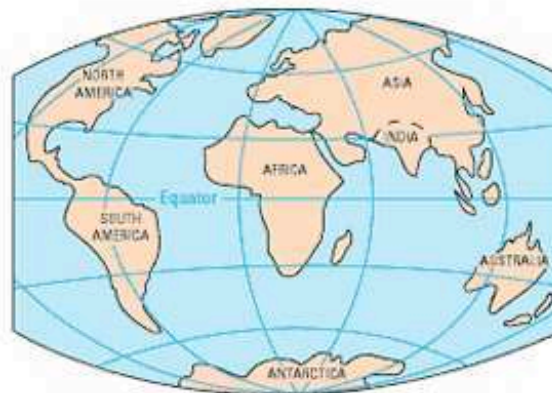
TRIASSIC
200 million years ago



JURASSIC
135 million years ago



CRETACEOUS
65 million years ago



PRESENT DAY

What we see today...



Alfred Wegener



Questions:

- Did it really happen?
- Why did it happen?
- Are continents still moving?
- If so, what is the driving force?

