

Dear Scientific Community:

After careful research and investigation, I have am introducing to you conclusive theory about the continents of our Earth. I believe that they were once connected in a large one land mass that I call "Pangaea." I chose this name for the land mass because in Greek it means, "all land." In this letter I will describe two major pieces of evidence that support my theory. I hope you will read it and find my theory to be conclusive.

Have you ever looked at the "World Today Map" and observed the east coast of South America and the west coast of Africa? I have, and I thought to myself, " Why are those continents shaped like that? Those continents look like they fit together!" Perhaps you think this was a coincidence, but I took this thought a step further. I cut out the continents of our Earth to create a model of Pangaea, which shows that all of the continents fit together like one large puzzle. This was the first piece of evidence I developed for my theory of Pangaea.

The second piece of evidence came from my research of investigating fossils. I became interested in the fossil of the freshwater reptile known as the Mesosaurus. The Mesosaurus lived 240 million years ago and had physical features such as limbs to swim and also walk on land. The fossils of this animal were found on the coast of South America, Africa, and Australia. If the Mesosaurus was a freshwater reptile, how is it possible that their fossils were found on various continents? They were not able to swim across the saltwater ocean. The only explanation for this is that those continents were actually once joined together.

As my evidence clearly suggests, all the continents were once one piece of land called Pangaea. Please support me in my research. Together, we can build more evidence for this theory and perhaps make predictions about the future of our continents.

Sincerely,

Alfered Wegener

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