the Continents.so later the theory of Continental drift was replaced by the science of Plate tectonics? deep inside the earth's surface at the deepest layer of the Planet known as the core where it as hot as the surface of the burning sun.but the crust is continuously moving or travelling across the earth at the rate of about 10cm Per Year in the Process called Plate tectonics This motion accurs on the top two layers of the earth, the lithosphere. But the scientific community was not entirely Convinced by wegner .evidence due to the lock