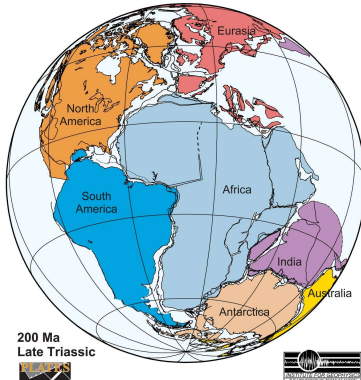


THE TODA CHRONICLE

7th July 2011

PANGEA



This is the Earth! ...but not as we know it. This was what the Earth looked like 200,000,000 (200 hundred million) years ago. The continents moved from this shape to how they are now. In fact, the continents still move today, but very, very slowly. In fact, America and the UK are moving apart at the same speed that your fingernails grow.

What lived in Pangea?

Around 200 million years ago, the first dinosaurs appeared. One of these was called "coelophysis", and ate other animals. The first mammals also appeared.

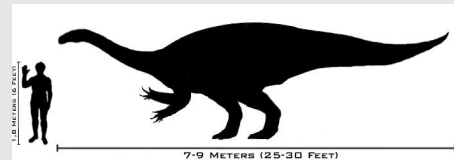


Coelophysis

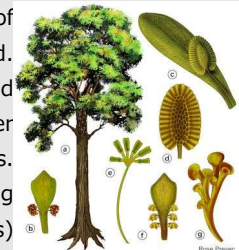


Cynognathus

One plant-eater was the **plateosaurus**, and was the ancestor for later, large plant-eating dinosaurs.



There were many kinds of plants in the Triassic period. Plants were simple, and there were a large number of mosses and ferns. Flowering and fruit-bearing plants (such as apples) came much later.

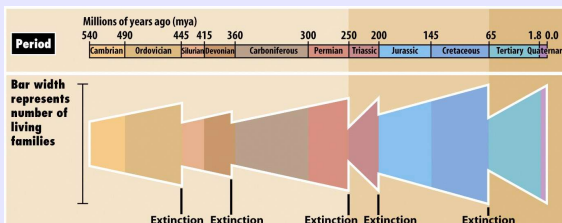


appeared 現われた
asteroid 小惑星
began 始めた
called と呼ぶ
caused 原因になって
connect 繋げる
continent 大陸
dinosaur 恐竜
earth 地球
extinction 絶滅
fern シダ
fingernails 爪
fruit-bearing 果樹
grow 生やす
killing 殺すこと
landmass 大陸
mammal 哺乳動物
massive 大きいな
million 1 0 0 万
moss 苔

plant 植物
plant-eater 草食
probably 多分
slowly ゆっくり
various theories 色々な理論
Triassic 三疊紀

Grammar:
changing 変わっている
~ years ago ~年前
but not as we know it でも知っているものではない
came (much) later (もっと) 後にてきた
eventually やつと
how it will change どうやって変わるのか
In fact 実は

moving apart 間を作って動く
One of these この中の一つ
over the next ~ years 次の~年間で
since ~ began ~を始めたから
still moving まだ移動している
such as A Aのような
same speed that A Aと同じ速さで
A looked like B AはBが見えるようだった
was probably caused by A Aは原因はかもしれない
A was the ancestor for B AはBの先祖です
What's next 次は何?
When will the next one be? 次のいつ来るでしょうか?



Around 150 million years ago, there was a massive extinction, killing around 60% of the animals and plants on the planet. It was probably caused by an asteroid, but there are other theories. There have been 5 big extinctions since earth began. When will the next one be?

What's next for the Earth? The Earth is always changing. Very very slowly. The continents will eventually connect again, making a new landmass called "Pangea Ultima". Here's how it will change over the next 250,000,000 years.

