

# Re: Owen's Two-Phase Model of Earth Expansion

**Source:** <http://sci.tech-archive.net/Archive/sci.geo.geology/2005-03/0869.html>

---

**From:** Stuart (*bigdakine\_at\_aol.com*)

**Date:** 03/06/05

Date: 6 Mar 2005 11:20:13 -0800

don findlay wrote:

> *George wrote:*

>

>> *Another point that has to be made is that if the earth is expanding*

> *beneath the*

>> *ocean basins, why do the basins still exist? Wouldn't they be*

*higher*

> *in*

>> *elevation than the continents? Even a 10% increase in the earth's*

> *diameter would*

>> *be more than enough to cause the ocean floors to bulge to the point*

> *where they*

>> *would be above sea level.*

>

> *What do you reckon, Stuart? Is George on the money?*

>

>> *As an example, if the earth was same size at the*

>> *break up of pangea that it is today (7,900 miles), and increased by*

> *10% from*

>> *then until now, it would increase in diameter by 790 miles to 8,690*

> *miles. The*

>> *deepest part of the ocean is at the challenger deep, is only 6.78*

> *miles below*

>> *the surface. So if the earth expanded even just 10%, the*

*challenger*

> *deep would*

>> *be 395 miles (increase in radius) - 6.78 miles = 388.2 miles high,*

> *which is*

>> *slightly (irony added) higher than sea level. I know this is a*

*silly*

> *thought*

>> *problem, and obviously it wouldn't work quite this way, but it does*

> *point out a*

>> *major flaw in any argument about EE.*

>

> *All in favour of George say "aye".*

>

sci.geo.geology: Re: Owen's Two-Phase Model of Earth Expansion

- > > *Oh, but everything else is going up at the*
- > > *same time, right? Well, if that is the case, the surface would*
- > *flatten out and*
- > > *the oceans would been much shallower, and you wouldn't have these*
- > *challenger*
- > > *deeps or the abyssal plains.*
- >
- > *(Wow! Just like that, see? George thinks, and the Earth moves.)*
- > *What do you have for breakfast George? Kryptonite? (Superman eat*
- your*
- > *heart out!)*

George asks a good question. If one assume the crust behaves as Matt did, these questions are inevitable. I point out, that at doesn't make sense. The continents would show deformation resulting from the Earth's change of radius of curvature and stretching.

Stuart