

DE STRUCTURA ORBIUM COELESTIUM

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(<http://www.earthishollow.com>)

Introduction:

The magnetic field is like a miniature gravitation field. The difference is that gravity attracts matter while the magnet attracts only ferromagnetic materials but the pattern in both fields is the same! So a magnet mimics the behavior of the gravitational field. This can be seen in a magnetic ring or wheel with a relatively large hollow center (like a magnet from speakers) where the magnetic force in the center is equal to zero. As can be demonstrated it is impossible to locate any ferromagnetic material in the center because it is immediately pulled to the wall. Exactly like what occurs in the center of the Earth with gravitation equalized to zero. Below is the mathematical proof that the center of the earth is the same – EMPTY!

The internal structure of the Earth is easily explained by elementary mathematics and certainly from measurements and observations, but the simple facts are overlooked.

From Measurements and Observation:

1. The average outside radius of the globe is:	R = 6,370 km	
2. The average radius of the earth's core, proposed by the Gutenberg discontinuity is:	r = 3,470 km	
3. We also know undoubtedly through the Mohorovičić Discontinuity - the Moho, about the division of the Earth's crust into the internal and external mantel. Its radius is:	M = 5,370 km	
4. Inner Core - suggested by K.E. Bullen is:	b = 1,270 km	
5a. The average radius of the rotating Barycenter is: "The Earth - Moon center of mass"	c = 4,680 km	
6a. Earth's moment of inertia is:	0.334 ma ²	
6b. But theoretically for the full sphere, it should be:	0.400 ma ²	
7. The velocity of a geological compressive wave		
increases from the surface	(R = 6,370 km) from	= 8.2 km/s
to the Moho	(M = 5,370 km) to	= 13.5 km/s
and decreases at the Core depth	(r = 3,470 km) back to	= 8.0 km/s
8. NASA statement: the Moon, geologically is like: 'Ringing as empty jar'.		
9. Mars' satellites are hollow.		
10. Axiom:	The force of gravity in the rotating Barycenter is equal to zero.	
11. Axiom:	The concentration of not infirm matter, without gravitation will spread apart, leaving a vacuum.	
12. Axiom:	Waves' velocity increases in compressed matter.	

Supposition: Below the equator, the Barycenter and the Moho are united.

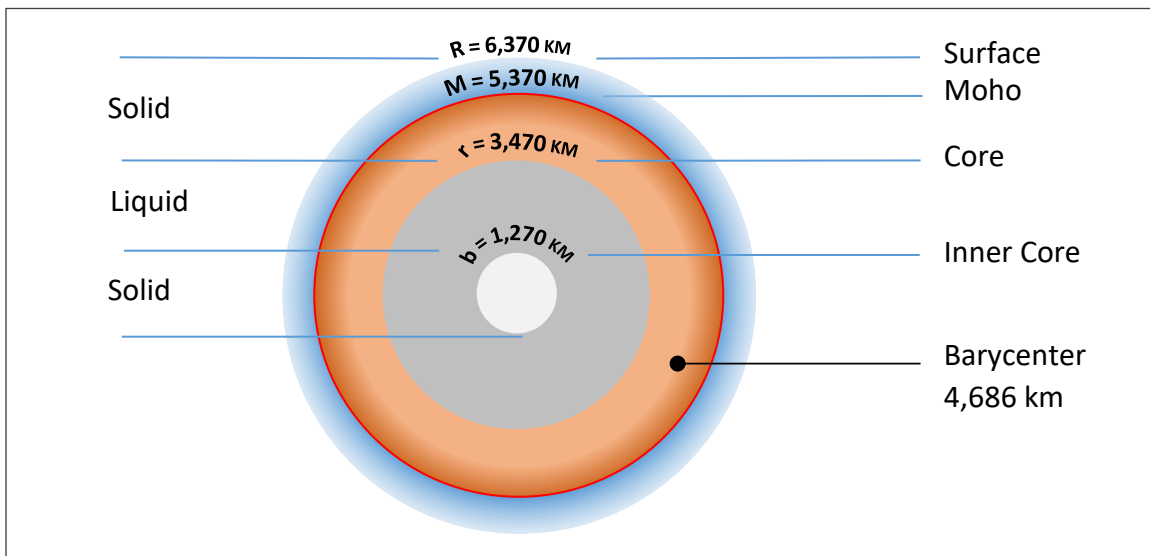


Figure 1: Earth – Current Conception

Explanation – Proof:

Ref: 7 – Suppose that in the center of the Earth is a liquid, disregard the temperature. This liquid cannot be homogenous like the Earth and have heavier particles in it. So the heavier particles must be attracted to the nearest wall, in addition to the existing centrifugal effect. The pull occurs because the nearest wall's gravitation is stronger than the distant one, so the heavier particles move toward the closest wall and stick to it. The settling process must act as an avalanche, therefore the center remains empty.

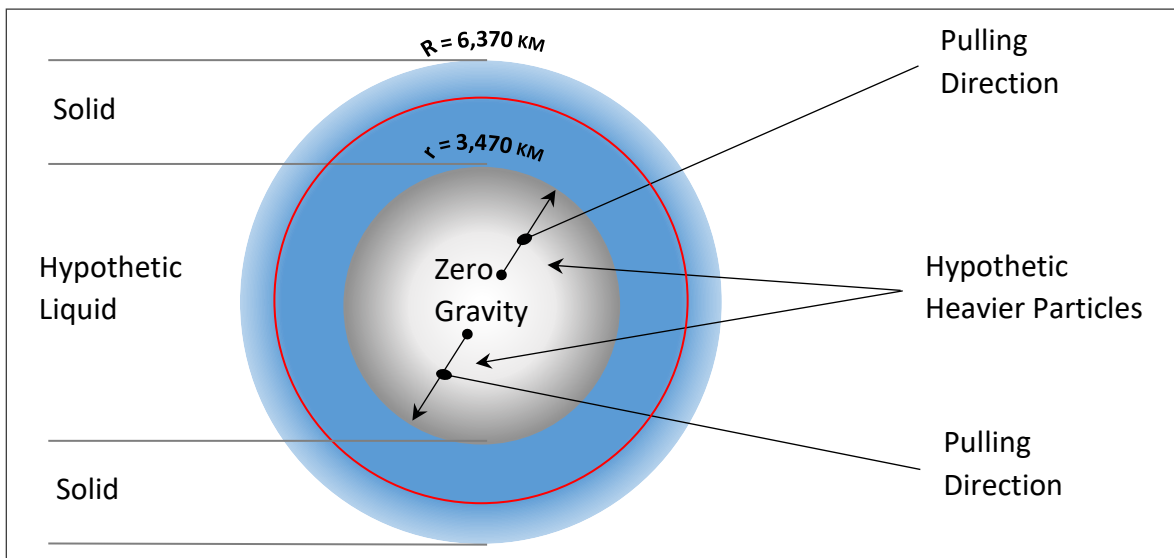


Figure 2: Attraction and movement of heavier particles

If this hypothesis is true, the moment of inertia in the caved sphere must be smaller (see 6a) than the full sphere (see 6b).

Compare the Globe's relation factor, measured versus theoretical:

A: $\frac{ma^2 \text{ measured} = 0.334}{ma^2 \text{ theoretical} = 0.400} = 0.833$

This factor can be also found from the Earth's known internal dimensions, assuming that the core is empty.

B: $\frac{4/3\pi R^3 - 4/3\pi r^3}{4/3\pi R^3} = \frac{R^3 - r^3}{R^3} = 1 - \left(\frac{3470}{6370}\right)^3 = 0.838$

The difference is negligible:

C: $\frac{0.838}{0.835} = 1.0040 = 0.4\%$

The masses of the external and internal mantels below and above the Moho are the same volume, cubical = weight.

The pressure is maximum but gravity is again zero, because the mantel's gravitation vectors are directed against each other and nullify themselves.

At the Moho, matter is compressed and doesn't have the freedom of movement.

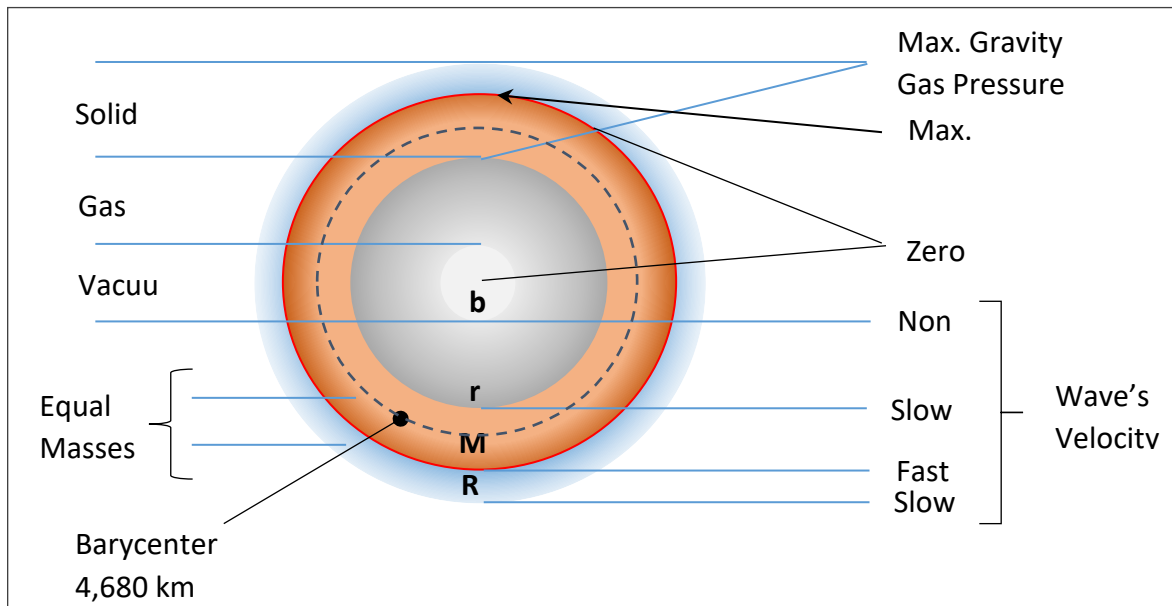


Figure 3: Earth structure according to statement

The mathematical calculation below shows that the volume (cubical) of the external and internal mantels are equal. The demarcation should be on the Moho.

$$4/3\pi R^3 - 4/3\pi M^3 = 4/3\pi M^3 - 4/3\pi r^3$$

$$\text{D: } M = \sqrt[3]{\frac{R^3 + r^3}{2}} = \sqrt[3]{\frac{6370^3 + 3470^3}{2}} = 5315 \text{ km}$$

The difference is negligible:

$$\text{E: } \frac{5370}{5315} = 1.0103 = 1\%$$

So the hollow structure of the Earth is mathematically proven.

Additional logical evidence:

F: The Earth's matter is maximally compressed at the Moho zone but no compression is evident at the Core's outer surface (on the Core depth). Proof of this is shown in the wave's increasing velocity up to the Moho and decreasing again below the surface speed at the Core's outer surface, meaning they are the same low pressure areas as at the Earth's surface and Core's surface. This ALONE is PROOF that the:

EARTH IS HOLLOW

The forces of the rotating Barycenter tear open the Core by continuously changing direction of gravity, a little less than in 12 hours cycles.

G: The NASA finding can be summarized as: the Moon is a hollow sphere. Which supports my hypothesis.

H: Mars' satellites Deimos and Phobos are hollow. Which supports my hypothesis.

I: The Core 'surface' is not smooth. This can be seen by the abnormality of the falling and rising tides phenomena called 'Diurnal Inequality' reflecting 'mountains' on the Core surface by shine-through gravitation.

J: Based on my hypothesis the movement of the Earth's plates is easily explained by the Globe 'breathing' i.e. swelling and shrinking.

K: Also assume that the Earth in the beginning was completely covered by liquid because it was smaller without the cavity.

L: The rotating Barycenter **HEATS UP** the interior of the Earth by continuously varying gravitation from zero to signified volume.

Converting kinetic energy to slow down Earth's rotation and Moon's circling on the same principle as in the breaks.

M: The center of the Earth is a '**WHITE HOLE**'.

The EARTH is HOLLOW as most CELESTIAL OBJECTS.

To comment email: earthishollow1@gmail.com