

If the nucleus of the earth was composed of nuclear matter the emanations as electro magnetic should evidence the same curves in the construction of the magnetic poles of the earth as we find outlined in that construction which holds the balance of the animal form, the skull.

Bacteria possess a definite proportion of brain substance, because the outlines of the colonies of some species possess the same curve as the lines of curve in the human skull.

Proctor, in one of his works on astronomy, illustrates the magnetic poles of the earth and lines of equal dip, and in the inner lines of the northern magnetic meridian we obtain a half circular figure that fits exactly over the form of the human skull as represented by Camper's method in examination of the human skull as indication of intellectual development.

The same curve fits over a specimen of "Ezoon Canadense," as a group of cells that formed a construction in rock form, and we find the cells in this group taking on the shape of the human head, before there were any animals.

This specimen of rock, given by Sir Wm. Dawson in one of his works, shows the faces of both male and female in apposed form, and we find in the construction of the brain the highest combination of the electro magnetic division represented in the so-called biscuit-shaped bacteria cell.

Again, the Foraminifera of certain species possess the power of polymorphism, and we find a parent bringing forth an unlike species. There are two forms called the microspheric and the megaspheric. The proportion in one species is as 1 to 34. This is the proportion between the weight of the brain of woman and the weight of her body. The average weight is given as 44 oz., and 34 times 44 oz. equals 93 1/2 lbs., the average weight of woman, irrespective of age. In another species the proportion is as 1 to 8, and that is the proportion between the weight of the cerebellum and the cerebrum. If we take 100 as the estimated value of the H. atom as its greatest equally balanced radio active value and divide by radio active number 3 we obtain 33 1/3 for each, and we find that a proportion of 1 to 33 1/3 governs the construction of the brain of the male, in its proportion in weight, to that of the body. The average weight of that brain is given as 49 1/2 oz., and 33 1/3 times 49 1/2 affords 193 1/8 lbs. Dr. Draper gives 193 3/4 lbs. as the average weight of man's body, irrespective of age. In such exactness of measurement we find proof of the "fixed value" implanted in the established equilibrium of radio active, electro magnetic particles.

We claim the different kinds of atoms established their equilibrium as a condensation of the dilute, gaseous electricity, in the construction of the spherical bacteria cell as a constructor of protoplasm, through chemical attraction. Bacteria in their activity generate gases and deposit solids so that the earth in its weight is balanced by the gaseous emanation from its constructions. Because of this equal balance bacteria are neither animal nor vegetable, yet in their condensation of liquids to solids pro-