

Canada is considered to be somewhat "English, you know," and being nearly allied to the States, would naturally represent scientific practice. Earnestly I kindly invite scientific discussion upon the cause of gingivitis, which is the combination to unlock the so-called "electro-chemical theory." Either from lack of understanding the principles involved or prejudice against the theory, the subject has not been scientifically discussed upon the plane where the phenomena appears. One might as well expect to raise stock on mineral food, as to attempt to discover the true cause of gingivitis upon the physical plane or by physical experiments. Each dimension is under control of natural laws, adapted to the condition of the matter so controlled. With each evolution of matter the laws are adapted to and control the organized matter. The same force is an agent for all changes and evolution of matter from atoms to intellect. That force, with its interconvertable phases, is electricity, heat, light, magnetism and chemical affinity. By combination of these agents in creation matter united land, water, atmosphere and the globe was the outcome.

From a plane above came "the breath of life." Vegetable and animal life appeared on land and in water, and through evolution the highest creation—man. In the human species are found a concentration of all the laws and principles which are required for propagation and support of man. The difficulty in understanding the writer's belief is the failure to trace the laws so well known and taught in physics, and to some extent upon the vegetable plane in organic chemistry up and into the animal plane.

I boldly make the statement that the above-mentioned forces are one and the same from minerals to mind. I will not go into due metaphysics, nor go beyond the point under discussion, but place myself on record by giving my convictions that some one in the no distant future will shock the school of physiology as severely as the new departure did dentistry twenty-one years ago.

An observer of nature and natural laws will recollect that the energies and forces mentioned have recorded the works of the Creator upon each plane according to the preparation and possibilities of matter to receive them. The mineral dimensions shows beauty and form in crystals and flowers in frost work upon the window pane. The vegetable plane evidences life and instinct in plants and trees. Roots penetrate the soil for stability and for moisture, reach out laterally toward a near-by stream, and in thicket strive to tower above their neighbor for sun light.

The animal kingdom embraces the highest creation, man, in whom is embodied all the required laws, principles and instincts found upon the planes below, with reason, will and intellect added.

The important point I wish to be remembered is this; in all the evolutions of matter up to man the laws and forces have also