

and the correlation of forces, was railed at by that school of theologians who transcending their legitimate limits of thought, tortured their brains with the *order* of Nature, as well as its cause, and was hesitatingly patronized by society. But now that science is exerting its supreme control, the old chains of tradition are rapidly unloosening: religious toleration is supervening upon the exaltation of God, which arises from a study of geology, and from a severance of the unalterable belief in the accuracy of the Mosaic Law. The heresies of yesterday are the creed of to-day, and while we see the human institutions of religious sects, change with every century and every variation of latitude and longitude, Science keeps on its way, unswervingly, pointing upward, higher and higher, to a final perfection. So that, now, among men whose opinion is valuable, there is no appeal from the theory of evolution among men, among animals and in the vegetable kingdom, just as we also rest assured in the verity of the "Nebular Hypothesis." As then we study matter in all its relations, as we approximate to just theories of force, which is simply matter in motion, by comparisons with similar phenomena, so, too, we must correlate these attested facts, with the hypothetical theories of brain force, and from the relation deduce new theories. Descartes, recognizing this truism, and adopting the views of Galen, locates in the brain the function of the distribution of "animal spirits," the distribution to those parts in need of certain stimuli being effected through the nerves. But over and above this power, was an all governing essence, which had its seat in the pineal gland and which he called *soul*. This great Philosopher, and I may add physiologist as well, recognized a physiological mechanism, and over that the thinking power of a *soul*. This view prevailed among those of like persuasion for many years; the brain was merely the substratum of thought; while the physiological order of the correlation of forces, was plainly visible, even by the