

molecular phenomena have lost their value, and Newton's emanation theory of light has been superseded by other theories which may, in their turn, likewise have to be discarded. The theorems of Helmholtz on vortex motion hold their place in mathematical physics, though the ingenious attempt to develop a general theory of vortex motions was discarded by its own illustrious inventor as not likely to lead to fruitful results. The discoveries of Darwin and Wallace in the region of natural selection will stand for all time, though the attempt to construct a world-theory out of Darwinism and Evolution has fallen to the ground.

IV.

In order to make a beginning in the exploration of the inner world in its completeness as containing also all those sensations and experiences which, under the name of the outer world, we select from the totality of experience, we may take the principle of the growth of mental energy as a foremost and striking feature.

But to avoid the confusion of ideas which may arise out of the use of the term energy, it will be well to repeat what has been said above, that this word, as now used in scientific literature, denotes something quite different from what we term energy as applied to inner states of mind.

In physical science, energy means a definite thing which can be measured, transformed, lost and gained by well-known processes. Though it cannot be seen as such, it can be perceived by a special sense which we possess—the sense of muscular resistance, or effort;