

modes of physical motion like heat, light, and electricity. They are "each transformable into the other," and then "retransformable into the original shapes." Each manifestation of force can be interpreted *only* as the effect of some antecedent force; no matter whether it be an inorganic action, an animal movement, a thought, or a feeling. (Sec. 84.) This, then, is the final achievement of evolution, when at last moving matter—which, without any agency of life from without itself, has of itself begun to live—does at last, without any agency of thought or reason from outside itself, begin of itself to think, to reason, to love, to hope. I said a few minutes ago that, under the system of evolutionism, when at last it has reached the point at which all the forms of mental action are accounted for as simply and solely other forms of physical motion, its account of the known and actual universe is complete. It has said its last word. But not so concerning the possible future universe. Evolutionism has not half done itself justice in speaking of the possibilities which it involves. It has "lacked a sacred bard," and either told

"In mournful numbers
Life is but an empty dream,"

or, in the language of its latest expounder on the psychological side, Dr. Maudsley, "bewails itself in pessimistic vaticinations of the inevitable future diminution of solar heat and light, and consequent decline of development and degeneration of all things," until at last a frozen earth, incapable of cultivation, is left without energy to produce a living particle of any sort, and so death itself is dead (Essay on "Body and Will"); or, in the words of its chief apostle, Mr. Spencer, declares it to be "beyond doubt" that we are "manifestly progressing towards omnipresent death," forced to "contemplate, as the outcome of things, a universe of extinct suns, round which circle planets devoid of life." (So Mr. Spencer—First Principles, Sec. 136, cf. Sec. 141.) But evolution should be ashamed of such cowardly foreboding in its disciples. There are fairer prospects before the universe than it has ever known, if only the work of development that