

sidence to generate an immense quantity of heat and to maintain the mass for æons at an excessively high temperature, thereby fitting it to become the centre of light and life to a number of worlds. The blaze of the sun is a property which is the outcome of its great mass. A small permanent sun is an impossibility.

Wherefore, properties can be possessed by an aggregate or assemblage of particles which in the particles themselves did not in the slightest degree exist.

If, however, we reverse the aphorism and say that whatever is in a part must be in the whole, we are on much safer ground. I do not say that it cannot be pressed into illegitimate extremes, but in one and that the simplest sense it is little better than a platitude. The fact that an apple has pips legitimises the assertion that an apple-tree has pips, and that the peculiar property of pips represents a faculty enjoyed by the vegetable kingdom as a whole ; but it would be a childish misunderstanding to expect to