

*was* and *shall be*, and whatever does not satisfy this condition must be an accidental or fugitive or essentially temporary conglomeration or assemblage, and not one of the fundamental entities of the universe. It is interesting to remember that this was one of the opinions strongly held by the late Professor Tait, who considered that persistence or conservation was the test or criterion of real existence.

The question, How many fundamental entities in this sense there are, and what they are, is a difficult one. Many people, including such opposite thinkers as Tait and Haeckel, would say "matter" and "energy"; though Haeckel chooses, on his own account, to add that these two are one. (Perhaps Professor Ostwald would agree with him there; though to me the meaning is vague.) Physical science, pushed to the last resort, would probably reply that, within its sphere of knowledge at the present stage, the fundamental entities are *ether* and *motion*; and that of other things at