

Whether electricity and magnetism be different forms of the same energies, resulting from the different direction of their motions; whether they be distinct energies; whether they be the cause, or the effect of *Polarity*; we shall not stay to inquire: it is sufficient for our present purpose to know, that they are inseparably associated with one another in the manner stated; and are always present, at least, in, if they be not the immediate cause of, all molecular actions among ponderable bodies. And this brings us back to the point, where we digressed to consider the subjects of electricity and magnetism.

We attempted to show, that the ultimate molecules of matter must be endowed with two kinds of *Polarity*; one which we have denominated *Chemical Polarity*, of a binary character, existing between molecule and molecule, and chiefly between molecules of *different* matter; another denominated *Cohesive* polarity, determining, under certain circumstances, the cohesion of the molecules of the *same* matter. We further attempted to explain how these polarities must exist, or be distributed in our molecules, so as to fulfil the offices assigned to them, and which they evidently fulfil in nature. Lastly, we have shown, that the electric and magnetic polarities, or energies are actually related to one another, precisely in the same way, that we supposed the chemical and cohesive polarities to be.