

*Unexpected Influence of Size.*

Suppose now a substance contains a great number of carbon molecules and a great number of water molecules, each of which has this residual affinity or power of clinging together well developed, what may be expected to be the result? Surely, the formation of a molecule consisting of thousands or hundreds of thousands of atoms, constituting substances more complex even than those already known to or analysable by organic chemistry; and if these complex molecules likewise possess the adhesive faculty, a grouping of millions or even billions of atoms may ultimately be formed. (A billion, that is a million millions, of atoms is truly an immense number, but the resulting aggregate is still excessively minute. A portion of substance consisting of a billion atoms is only barely visible with the highest power of a microscope; and a speck or granule, in order to be visible to the naked eye, like a grain of