

will however fall more naturally to be considered hereafter; we shall therefore, defer what we have to say further on these subjects, till we come to speak of meteorology.

SECTION IX.

Recapitulation, and General Observations on the Subjects treated of in the preceding Chapters.

IN the preceding observations, we have endeavoured to give a connected sketch, of the nature and operation of molecular forces: perhaps it will still further facilitate the understanding of the subject, if we recapitulate briefly the leading facts; so as to point out to those who may not be inclined to peruse the foregoing details, the analogy that prevails throughout the whole.

1. In the first place, we attempted to show, that the forces which determine molecular union, can scarcely be those of mere gravitation, in their ordinary forms at least; but that some other modification of force is necessary to account for the phenomena.

2. By assuming the molecules of bodies to be virtually spheroidal, and endowed with two kinds of polarizing forces, the one operating *axially*, and the other *equatorially*, we attempted