

in a different direction, as the series *a, b, c, d*, on the beds *e, f, g, h*, (or in the natural section, Plate 9, No. III.) as if a set of horizontal volumes were

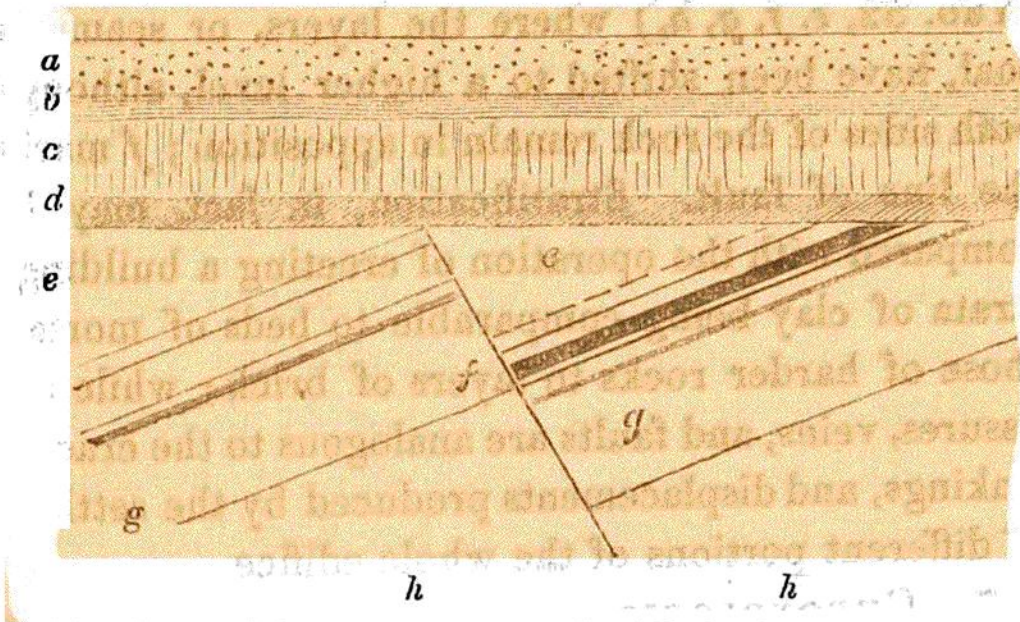


TABLE 32.—STRATIFICATION.

placed flat on the inclined edges of another series of books, they are, in geological language, in an *unconformable position*.

6. VEINS AND FAULTS.—But not only have the strata suffered change of position from the disturbing causes which we have shown are still in actual operation; they have also been rent and broken up, and exhibit cracks or fissures, which in rocks near the surface are sometimes filled, as we have already noticed, with bones, pebbles, and stalactitical concretions (page 178); and in those of more ancient epochs, with eruptions of melted matter, and veins of metalliferous ores. The term *fault* is applied to those fractures and displacements of the strata which are