

CLASS III.

INFLAMMABLE FOSSILS.

THE fossils belonging to this class are light, brittle, mostly opaque, always yellow, brown or black, scarcely ever crytallized, and do not feel cold. They are more nearly allied to the metallic than to the saline or earthy classes of fossils. This class is by Werner divided into four genera, viz. 1. Sulphur genus. 2. Bituminous genus. 3. Graphite genus. 4. Resin genus.

The SULPHUR Genus contains one species, viz. *Sulphur*, which contains the following subspecies: *a.* Common Sulphur; *b.* Volcanic Sulphur.

The BITUMINOUS Genus is subdivided into the following species: 1. *Fossil or Mineral Oil*. 2. *Mineral Pitch*, of which there are three subspecies, *a.* Elastic; *b.* Earthy; *c.* Slaggy. 3. *Brown Coal*, which contains the following subspecies: *a.* Bituminous Wood; *b.* Earth Coal; *c.* Alum Earth; *d.* Common Brown Coal; *e.* Muir Coal. 4. *Black Coal*; or as it was used to be termed, Stone or Common Coal, which comprehends the following subspecies: *a.* Pitch Coal; *b.* Columnar Coal; *c.* Slate Coal;