

E X P E R I M E N T XXVIII.

62. IF a mineral solid inflammable has a yellow or reddish colour, is brittle, bears turning and polishing, yields when burnt a fragrant smell, and when rubbed will attract light bodies, it is YELLOW AMBER.

63. The colour of amber varies so much, that even pieces of white or black are not uncommon, and blue or green ones have been found, though rarely. It is commonly transparent, or semiopaque, seldom quite opaque.

E X P E R I M E N T XXIX.

64. IF a solid grey inflammable has no taste, a fragrant smell, is friable, when pounded sticks to the mortar, when pierced with a hot needle will not stick to it, when burnt on a hot iron shovel yields but little smoke and leaves very little ashes, it is AMBERGREASE.

E X P E R I M E N T XXX.

65. IF a solid inflammable is black, glossy, and yields when burnt a suffocating sulphureous smell, leaving a good deal of clayey or argillaceous earth or ashes behind, it is PIT-COAL.

66. *Pit-coal* differs from *jet* and *mountain-pitch*, or asphalt, only in the degree of hardness, solidity of texture, and specific gravity.

E X P E R I M E N T XXXI.

67. IF an inflammable substance, when put on live coals, sends forth dense suffocating fumes, burns with a blue flame, and has the known brimstone smell, it is SULPHUR, or contains at least sulphureous particles.

68. There