

TABLE XIV.

(Lustre non-metallic. Hardness insufficient to scratch glass. Combustible.)

The minerals of this Table when held in the form of a thin fragment against the flame of a Bunsen burner or common candle immediately take fire, and continue to burn for a short time after removal from the flame. The test fragment should be taken up by a pair of steel forceps (without platinum tips) and held just within or against the flame-border.

FIRST GROUP:—*Emitting a garlic-odour during combustion.*

Realgar (As 70, S 30).

Orpiment (As 61, S 39).

Realgar has a red colour and orange-yellow streak, and is commonly in small granular masses or Clino-Rhombic crystals, the latter as a rule more or less indistinct. *Orpiment* is golden-yellow with pearly and sub-resinous lustre, and light-yellow streak; and it occurs in foliated, scaly, and granular masses; more rarely in small prismatic crystals of the Rhombic system. H, in both, 1·5 to 2. Both species melt very easily, and volatilize in dense fumes.

SECOND GROUP:—*Emitting a sulphurous odour during combustion.*

Native Sulphur.

Cinnabar (Hg 86·2, S 13·8).

Native Sulphur is yellow or reddish, with pale-yellow streak and resinous lustre. It is commonly in granular