

21. Lenticular Copper-Ore.

Linsenerz, *Werner*.

Arseniate of Copper, in the form of an obtuse octahedron, *Bournon*, *Phil. Trans.* part i. 1801.—*Linsenerz*, *Mohs*, b. iii. s. 292.—*Cuivre arseniaté obtus*, *Brong.* t. ii. p. 230.—*Linsenerz*, *Karsten*, *Tabel.* s. 64.—*Cuivre arseniaté primitif*, *Hauy*, *Tabl.* p. 90.—*Octahedral Arseniate of Copper*, *Aikin*, p. 32.

External Characters.

Its colour is sky-blue, which sometimes inclines to Berlin-blue; also verdigris-green, grass-green, apple-green, and bluish-white.

It occurs crystallised, in small and very small, and very obtuse octahedrons, that sometimes terminate in a line.

Externally it is shining; internally it is glistening and vitreous.

The fracture is foliated, in the direction of the planes.

It is translucent; seldom semi-transparent.

It is semi-hard; it is harder than calcareous-spar, but not so hard as fluor-spar.

It is rather brittle.

It is uncommonly easily frangible.

Specific gravity, 2.8819, *Bournon*.

Constituent Parts.

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|------------------|---|---|-------|
| Oxide of Copper, | - | - | 49 |
| Arsenic Acid, | - | - | 14 |
| Water, | - | - | 35 |
| | | | <hr/> |
| | | | 98 |

Chenevix, *Phil. Trans.* for 1801.

Geognostic