

4. Those varieties which contain the largest proportion of sulphur, are the least affected by exposure to the air.

### 5. White Copper-Ore.

Weiss Kupfererz, *Werner*,

Weisslich Kies-kupfererz, *Henkel's Kieshistorie*, s. 210.—*Minera Cupri alba*, *Wall.* t. ii. p. 280.—Weiss Kupfererz, *Werner*, Pabst. b. i. s. 83. *Id. Wid.* s. 750.—White Copper-ore, *Kirw.* vol. ii. p. 152.—Weiss Kupfererz, *Estner*, b. iii. s. 505. *Id. Emm.* b. ii. s. 236.—Mine de Cuivre blanche arsenicale, *Lam.* t. i. p. 201.—La Mine de Cuivre blanche, *Broch.* t. ii. p. 173.—Weiss Kupererz, *Reuss*, b. iii. s. 425. *Id. Lud.* b. i. s. 224. *Id. Suck.* 2<sup>ter</sup> th. s. 184. *Id. Bert.* s. 397. *Id. Leonhard*, Tabel. s. 58. *Id. Karsten*, Tabel. s. 62. *Id. Haus*, s. 74.—White Copper, *Aikin*, p. 28.

### External Characters.

Its colour is intermediate between silver-white and bronze-yellow, which sometimes inclines slightly to brass-yellow. On the fresh fracture, it soon becomes tarnished with a greyish-yellow colour.

It occurs massive and disseminated\*.

Internally it is glistening, with a metallic lustre.

The fracture is small and fine-grained uneven.

It sometimes occurs in curved lamellar concretions, the surfaces of which are splendid and metallic.

The fragments are indeterminate angular, and rather sharp-edged.

It is soft, passing into semi-hard.

It

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\* According to Karsten and Ullman, it occurs crystallised in octahedrons.