

gradually produced in consequence, as often as a fresh surface is exposed to the action of the air*.

4. It was formerly confounded with Copper-glance, Copper-pyrites, and Red Copper-ore; but Werner ascertained it to be a distinct species, and gave it its present name from its tarnish, which is one of the most striking features in its external aspect.

4. Copper-Pyrites or Yellow Copper-Ore.

Kupferkies, *Werner*.

Minera Cupri flava, *Wall.* t. ii. p. 282.—*Mine de Cuivre jaune*, *Romé de Lisle*, t. iii. p. 309.—*Kupferkies*, *Werner*, *Pabst.* b. i. s. 75. *Id. Wid.* s. 746.—*Copper-Pyrites or Yellow Copper-Ore*, *Kirw.* vol. ii. p. 140.—*Mine de Cuivre jaune*, *De Born*, t. ii. p. 313.—*Kupferkies*, *Estner*, b. iii. s. 494. *Id. Emm.* b. ii. s. 232.—*Cuivre pyriteux*, *Lam.* t. i. p. 197.—*La Pyrite cuivreux*, *Broch.* t. ii. p. 169.—*Kupferkies*, *Reuss*, b. iii. s. 415. *Id. Lud.* b. i. s. 223. *Id. Suck.* 2^{ter} th. s. 181. *Id. Bert.* s. 386. *Id. Mohs*, b. iii. s. 239. *Id. Hab.* s. 107.—*Cuivre pyriteux*, *Lucas*, p. 125.—*Kupferkies*, *Leonhard*, *Tabel.* s. 57.—*Cuivre pyriteux*, *Brong.* t. ii. p. 213. *Id. Brard*, p. 283.—*Kupferkies*, *Karsten*, *Tabel.* s. 62. *Id. Haus.* s. 71.—*Yellow Sulphuret of Copper*, *Kid*, vol. ii. p. 109.—*Cuivre pyriteux*, *Haüy*, *Tabl.* p. 85.—*Yellow Copper*, *Aikin*, p. 28.

External Characters.

On the fresh fracture, its colour is brass-yellow, of different shades: that which contains the greatest quantity of

* *Kid's Min.* vol. ii. p. 108, 109.