

1. Native Platina.

Gediegen Platin, *Werner*.

Platina aurum album, *Wall.* t. ii. p. 365.—Platine, *Romé de Lisle*, t. iii. p. 487. *Id. De Born*, t. ii. p. 479.—Platin, *Werner*, *Pabst.* b. i. s. 31. *Id. Wid.* s. 661. *Id. Kirw.* vol. ii. p. 109. *Id. Emm.* b. ii. s. 106. *Id. Lam.* t. i. p. 96.—Le Platine natif, *Broch.* t. ii. p. 86.—Platin natif ferrifere, *Hauy*, t. iii. p. 368.—Platin, *Reuss*, b. iii. s. 234. *Id. Lud.* b. i. s. 210. *Id. Suck.* 2^{ter} th. s. 97. *Id. Mohs*, b. iii. s. 3. *Id. Hab.* s. 98.—Platin natif, *Brong.* t. ii. p. 275.—Platin natif ferrifere, *Brard*, p. 234. *Id. Lucas*, p. 101.—Gediegen Platin, *Leonhard*, *Tabel.* s. 51. *Id. Karsten*, *Tabel.* s. 60.—Platina, *Kid*, vol. ii. p. 73.—Platin natif ferrifere, *Hauy*, *Tabl.* p. 72. Platin, *Oken*, b. i. s. 462.—Native Platina, *Aikin*, p. 18.

External Characters.

Its colour is very light steel-grey, which approaches to silver-white.

It occurs in flat, small, and very small grains, having pretty smooth surfaces; seldom in small angular or roundish grains, with impressions of other minerals.

Externally it is shining, glistening, or glimmering, and the lustre is metallic.

The fracture, on account of the smallness of the particles, cannot be determined. It is probably hackly.

The streak is more shining than the true lustre.

It is intermediate between semi-hard and soft: it is nearly as hard as iron.

It is malleable*.

It

* It is so ductile, that Dr Wollaston has succeeded in drawing it into a wire $\frac{1}{18720}$ part of an inch in diameter.