

ORDER XVI.—COBALT.

THIS Order contains eight species, viz. Tin-white Cobalt-ore, Grey Cobalt ore, Silver-white Cobalt-ore, Cobalt-pyrites, Black Cobalt ochre, Brown Cobalt-ochre, Yellow Cobalt-ochre, and Red Cobalt-ochre.

1. Tin-white Cobalt-Ore.

Weisser Speisskobald, *Werner*.

Weisserspeisskobalt, *Lud.* b. i. s. 283. *Id. Mohs*, b. iii. s. 647. *Id. Leonhard*, Tabel. s. 76. *Id. Karsten*, Tabel. s. 72.—Speisskobalt, *Haus.* s. 75. (in part).—Cobalt arsenical, var. Blanc argentine, *Hauy*, Tabl. p. 107.—Arsenical Cobalt, *Aikin*, p. 59. (in part.)

External Characters.

On the fresh fracture its colour is tin-white; but it tarnishes grey or blackish, rarely reddish or yellowish, and sometimes variegated.

It occurs massive, disseminated, in membranes, specular, globular, botryoidal, thin cylindrical, frequently reticulated, fruticose; and crystallised in the following figures:

1. Cube, in which the faces are sometimes spherical convex; and the edges and angles are sometimes more or less deeply truncated. This figure is frequently cracked or burst in determinate directions.

2. Flat