

*Fourth Subspecies.*

Brown Hematite, or Fibrous Brown Ironstone.

Brauner Glaskopf, *Werner*.

*Id. Werner*, Pabst. b. i. s. 161. *Id. Wid.* s. 817.—Brown Hematite, *Kirw.* vol. ii. p. 163.—Brauner Glaskopf, *Emm.* b. ii. s. 323.—Fer oxidé Hematite brun, *Haüy*, t. iv. p. 105.—L'Hematite brun, *Broch.* t. ii. p. 261.—Fasriger Brauneisenstein, *Reuss*, b. iv. s. 98.—Brauner Glaskopf, *Lud.* b. i. s. 248. *Id. Suck.* 2<sup>ter</sup> th. s. 273. *Id. Bert.* s. 411. *Id. Mohs*, b. iii. s. 400.—Fasriger Brauneisenstein, *Hab.* s. 120.—Fer oxidé brun fibreux, *Brong.* t. ii. p. 168.—Fasriger Brauneisenstein, *Karsten*, Tabel. s. 66. *Id. Haus.* s. 107.—Brown hematitic Iron-ore, *Kid*, vol. ii. p. 176.—Fer oxidé hematite, & Fer oxidé noire vitreux, *Haüy*, Tabl. p. 98.—Brown Hematite, *Aikin*, p. 40.

*External Characters.*

The surface of the fresh fracture is clove-brown, which in some varieties passes into steel-grey; in others into blackish-brown, and brownish-black; in others into light yellowish-brown and ochre-yellow. The external surface is tarnished velvet-black and bluish-black; sometimes also steel-grey, pinchbeck-brown, pavonine, and iridescent.

It seldom occurs massive, more frequently stalactitic, coralloidal, reniform, botryoidal, tuberoso; sometimes also cylindrical, fructicose, dendritic, large and small cellular, in supposititious six-sided pyramids; and in the following true crystals:

1. Rectangular four-sided prism, which is sometimes so short as to appear like a cube.

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2. Preceding