

*First Subspecies.*

## Bituminous Wood or Fibrous Brown Coal.

Bituminöses Holz, *Werner.*

Vegetabile fossile bituminosum, *Wall.* t. ii. p. 415.—Bituminöses Holz, *Wid.* s. 631. *Id. Wern.* Pabst. b. i. s. 365.—Carbonated Wood, *Kirw.* vol. ii. p. 60.—Bituminöses Holz, *Estner,* b. iii. s. 166. *Id. Emm.* b. ii. s. 54.—Le Bois bitumineux commun ou parfait, *Broch.* t. ii. p. 44.—Bituminöses Holz, *Reuss,* b. iii. s. 146.—Holzige Braunkohle, *Lud.* b. i. s. 186. *Id. Suck.* 2<sup>ter</sup> th. s. 60.—Bituminöses Holz, *Bert.* s. 351. *Id. Mohs,* b. ii. s. 311.—Lignite fibreux, *Brong.* t. ii. p. 32.—Bituminöses Holz, *Leonhard,* Tabel. s. 48.—Holzige Afterkohle, *Haus.* s. 116.—Fasrige Braunkohle, *Karsten,* Tabel. s. 59.—Bituminöses Holz, *Lenz,* b. ii. s. 1057.

*External Characters.*

Its colours are pale and dark blackish brown, clove-brown, wood-brown, hair-brown, and yellowish-brown.

Its external shape resembles exactly that of stems and branches of trees, but is usually compressed.

Its principal fracture is glimmering, sometimes approaching to glistening: the cross fracture is shining. The first is lighter coloured than the second.

The fracture is fibrous in the small, slaty in the great, and corresponds with the woody texture: the cross fracture in some varieties is imperfect conchoidal.

The fragments are splintery, or cuneiform, but seldom indeterminately angular.

It is opaque.

The streak is shining.

It