

Fig. 17. Side view of another tubercle of the same species. (Jaquin. Frag. Bot. Pl. 14.)

PLATE 64. V. I. p. 517.

Fig. 1. Fossil leaf of a Flabelliform Palm from the Gypsum of Aix in Provence. (Brongniart.)

Fig. 2. Upper portion of the Fossil trunk of a tree allied to Palms (nearly four feet in diameter), from the Calcaire Grossier at Vaillet, near Soissons, preserved in the Museum d'Hist. Nat. at Paris. See p. 516, Note. (Brongniart.)

PLATE 65. V. I. p. 529.

Fig. 1. Section across the Wednesbury Coal basin from Dudley to Walsall. (Jukes.)

The extensive Iron foundries which cover the surface of this district, and the greater part of the manufactures in the adjacent town of Birmingham, originate in the Coal and Iron ore, with which the strata of shale in this Coal basin are richly loaded.

The Dudley Limestone, here found immediately below the Coal formation, occurs usually at a much greater depth in the series. The Mountain Limestone, Old red Sandstone, and Ludlow rocks, are here wanting. (See Pl. 66, Fig. 1.)

Fig. 2. Section, shewing the basin-shaped disposition of the Carboniferous strata in S. Wales. (Rev. W. D. Conybeare.)

The richest beds of Coal and Iron ore are placed almost immediately above the Mountain limestone. (See pp. 65, 529.) It is to this district that our Posterity must look for their future supply of Coals, and transfer the site of their Manufactures, when