

GLOSSOPTERIS (*tongued-leaf fern*). *Lign.* 14.— Leaves, simple, sub-lanceolate, gradually contracting towards the base; midrib thick at the base, and vanishing towards the apex of the leaf; veins very fine, curved, oblique, frequently dichotomous, sometimes reticulated, or anastomosing at their base. The plants of this genus resemble the ferns with simple leaves. A few species only are known; of these two are from the coal-shale, one from the lias, and one from the oolite.



LIGN. 15.

ODONTOPTERIS SCHLOTHEIMII.

*Coal-shale of Saxony.*

ODONTOPTERIS (*toothed-leaf fern*). Leaf bipinnate, the leaflets adhering to the rachis by their base, which is not contracted; the veins equal, simple, dichotomous, arising from the rachis; no distinct mid-rib. In their general aspect these plants resemble some South American species of *Osmunda*. Five species only are known, all of which belong to the most ancient coal strata.