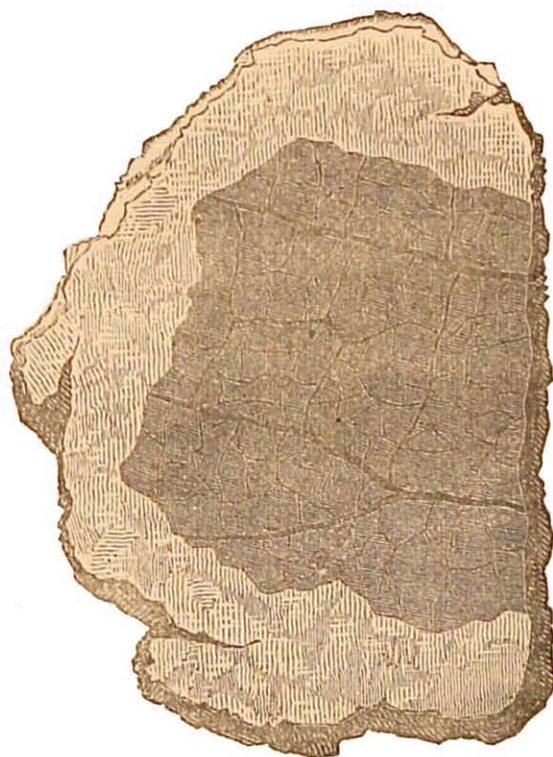


Fig. 151.



of the ferns and Lycopodiaceæ with which I found it associated. In the arrangement of its larger veins the better preserved Oolitic leaf somewhat resembles that of the buckthorn ; but its state of keeping is such that it has failed to leave its exterior outline in the stone.

One or two general remarks, in conclusion, on the Oolite flora of Scotland may be permitted me by the Association. In its aspect as a whole it greatly resembles the Oolitic flora of Virginia, though separated in space from the locality in which the latter occurs by a distance of nearly four thousand miles. There are several species of plants common to both, such as *Equisetum columnare*, *Calamites arenaceus*, *Pecopteris Whitbiensis*, *Lycopodites uncifolius*, and apparently *Tæniopteris magnifolia* ; both, too, manifest the great abundance in which they were developed of old by the beds of coal into which their remains have been converted. The coal of the Virginia Oolite has been profitably wrought for many years : it is stated by Sir Charles Lyell, who carefully examined the