

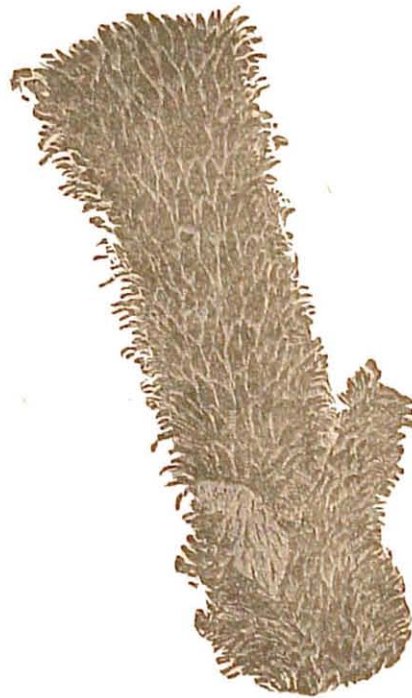
the earlier fossils of the system in Scotland, we find a true polycotyledonous tree, not lower in the scale than the araucarites of the Coal Measures,—which in structure it greatly resembles,—or than the pines or cedars of our own times (see fig. 3). In the Middle Old Red Sandstone there occurs, with plants representative apparently of the ferns and their allies, a somewhat equivocal and doubtful organism, which may have been the panicle or compound fruit of some aquatic rush · while in the Upper Old Red, just ere the gorgeous

Fig. 11.



CALAMITE ?
Of the Lower Old Red Sandstone.
Shetland.
(One eighth nat. size.)

Fig. 12.



LYCOPODITE ?
Of the Lower Old Red Sandstone.
Thurso.
(Mag. two diameters.)