

## LIST OF LIGNOGRAPHS,

## ILLUSTRATIVE OF FOSSIL BOTANY.



1. SECTIONS to illustrate the structure of recent stems.
2. Transverse sections of the stems of recent Arborescent Ferns.
3. Nodule of ironstone, enclosing a fern-leaf.
4. Confervites in chalk.
5. *Fucoides Lamourouxii*, from Monte Bolca.
6. Moss and *Conferva* in transparent quartz.
7. *Equisetum Lyellii*, from Pounceford, Sussex.
8. Calamites in coal shale.
9. Leaf of *Pecopteris Sillimanni*—to explain certain botanical terms.
10. *Pachypteris lanceolata*. Oolite. Whitby.
11. *Sphenopteris elegans*. Coal shale. Silesia.
12. *Cyclopteris trichomanoides*. Oolite. Scarborough.
13. *Neuropteris acuminata*. Coal shale. Newcastle.
14. *Glossopteris Phillipsii*. Oolite. Scarborough.
15. *Odontopteris Schlotheimii*. Coal shale. Saxony.
16. *Anomopteris Mougeotii*. New red sandstone.
17. *Tæniopteris latifolia*. Stonesfield slate.
18. *Pecopteris Murrayana*. Inferior oolite. Scarborough.  
       ————— *lonchitica*. Coal-shale. France.
19. *Lonchopteris Mantelli*. Wealden, Tilgate Forest.
20. *Phlebopteris Phillipsii*. Oolite. Scarborough.  
       ————— *propinqua*.
21. *Clathropteris meniscoides*. Wealden. Hoer.
22. *Caulopteris macrodiscus*. Coal.
23. Erect tree, with roots of *Sigillaria*, near Manchester.
24. *Sigillariæ*. 1. Specimen deprived of its bark.  
                   2. The markings of *S. Defranci*.