

Species.	Upper Coal-formation.		
	Nova Scotia.		Prince-Edward Island.
	Lower part.	Upper part.	
1. <i>Dadoxylon materiarium</i> , Daws.	*	*	*
2. <i>Walchia</i> (<i>Araucarites</i>) <i>gracilis</i> , Daws.		*	*
3. — (—) <i>robusta</i> , Daws.			*
4. <i>Sigillaria scutellata</i> , Brongn.	*		
5. <i>Stigmaria fleoides</i> , Brongn.	*		
6. <i>Calamites Suckovii</i> , Brongn.	*	*	*
7. — <i>Cistii</i> , Brongn.	*	*	*
8. — <i>gigas</i> , Brongn.			*
9. — <i>arenaceus</i> ? Jäger.			*
10. <i>Calamodendron approximatum</i> , Brongn.	*		
11. <i>Annularia sphenophylloides</i> , Zenker	*	*	
12. — <i>longifolia</i> , Brongn.	*	*	
13. <i>Sphenophyllum emarginatum</i> , Brongn.	*		
14. — <i>longifolium</i> , Geinitz	*		
15. <i>Cyclopteris oblongifolia</i> ? Göpp.	*		
16. — <i>heterophylla</i> , Göpp.	*		
17. — <i>fimbriata</i> , Lesq.	*		
18. <i>Neuropteris flexuosa</i> , Brongn.	*	*	
19. — <i>cordata</i> , Brongn.	*	*	
20. — <i>heterophylla</i> , Brongn.	*		
21. — <i>rarinervis</i> , Bunbury	*	*	*
22. — <i>auriculata</i> , Brongn.	*	*	
23. — <i>angustifolia</i> ?, Brongn.	*		
24. <i>Odontopteris Schlotheimii</i> , Brongn.	*		
25. <i>Sphenopteris latior</i> , Daws.	*		
26. — <i>alata</i> ?, Brongn.	*		
27. <i>Alethopteris nervosa</i> , Brongn.	*	*	*
28. — <i>Serlii</i> , Brongn.	*		
29. — <i>acuta</i> , Brongn.	*		
30. <i>Pecopteris arborescens</i> , Brongn.	*	*	*
31. — <i>abbreviata</i> , Brongn.	*		
32. — <i>unita</i> , Brongn.	*		
33. — <i>rigida</i> , Daws.		*	*
34. — <i>oreopteroides</i> , Brongn.	*	*	*
35. — <i>Bucklandi</i> ?, Brongn., or ? <i>Massilionis</i> , Lesq.			*
36. <i>Beinertia Göpperti</i> , Daws.	*		
37. <i>Palæopteris acadica</i> , Daws.	*		
38. <i>Cordaïtes simplex</i> , Daws.	*	*	*
39. <i>Lepidodendron pictoense</i> , Daws.	*	*	
40. — <i>undulatum</i> , Sternb.	*		
41. <i>Lepidophloios parvus</i> , Daws.	*		
42. <i>Lepidophyllum</i> , (various sp.)	*		
43. <i>Pinnularia</i>	*	*	
44. <i>Trigonocarpum Næggerathii</i> , Brongn.	*		
45. —, sp.			*
46. <i>Rhabdocarpus insignis</i> , Daws.	*		
47. <i>Antholithes squamosus</i> , Daws.	*		

There is unfortunately no recognized Permian in Eastern America wherewith to compare the fossils of the upper member of the Newer Coal-formation ; but inasmuch as the Coal-formation of Nova