

30. *E. fasciculatus*, Harv. Caraquet Bay, *Hay*.
31. *E. brachiatus*, Harv. P. E. Island, *Jéans*.
32. *E. ———* (?) (A still undefined species). Shippegan Island, *Hay*.
33. *Elachistea fucicola*, Fries. Pictou, *MacKay*; Halifax, *Harvey*; Frye's Island, Miscou, Grand Manan, *Hay*.
34. *Leathesia difformis*, (Linn.) Areschoug. Halifax, *Harvey*.
35. *Chordaria flagelliformis*, Ag. Pictou, *MacKay*; Halifax, *Harvey*; Frye's Island, Caraquet, *Hay*.
36. *Mesogloia divaricata*, Kütz. Pictou, *MacKay*; Frye's Island, *Hay*.
37. *M. vermicularis*, Ag. Halifax, *Harvey*.
38. *Castagnea Zosteræ* (Mohr.) Thuret. Halifax, *Harvey*.
39. *Chorda filum*, Linn. Pictou, *MacKay*; Frye's Island, Gulf Shore, *Fowler, Hay*.
40. *Laminaria longicurvis*, De la Pyl. Halifax, *MacKay* and *Harvey*. Stipes three or four yards long have been observed. Prof. Lawson, of Dalhousie College, says that on taking charge of chemistry on his arrival at Halifax he could get no rubber tubing in the city. While his order was coming he used the hollow stipes of this sea-weed, which is always cast up in abundance on the Halifax coast, and found it to answer splendidly for the conduction of gas.—*MacKay*. A specimen of this plant thrown on the Caraquet beach measured seventeen feet in length, and the widest part of the blade from two to three feet wide. But in the masses of sea-weed thrown on the southern shores of Shippegan and Miscou still larger specimens were observed. One measured twenty-eight feet, while the stipe of another which was all that could be pulled from the debris, measured fifteen feet. This species makes up the great portion of the laminariæ growing along the gulf shore of New Brunswick. It is distinguished by its hollow stipe. Around Grand Manan and the southern coast of New Brunswick the forms of laminariæ are far more variable and confusing, the two following species (*L. saccharina* and *L. digitata*) being most abundant.—*Hay*.
41. *L. saccharina*, (Linn.) Lam.x.? Pictou, *MacKay*; Halifax, *Prof. Lawson*; Frye's Island, Grand Manan, *Hay*; Gulf St. Lawrence, *Fowler*.
42. *L. digitata*, Lam.x. Pictou, *MacKay*; Halifax, *Harvey, Lawson*; Grand Manan, *Hay*. (The stipes of this species are used by surgical instrument makers in the manufacture of sponge-tents.)
43. *Saccorhiza dermatodea*, De la Pyl. Halifax, *Harvey*; Grand Manan, *Hay*.