

On earth and logs in damper woods than the preceding species. Damp and wet logs in the swamp north of Beechwood Cemetery ; on rocks Meeche's Lake, near Chelsea, Que. Sept. 23rd, 1893.

27. *D. fuscescens*, Turn.

On old logs in Dow's Swamp ; at Chelsea and Kingsmere, Que. Fruiting on old logs near Leamy's Lake, Hull, Que. Sept. 6th, 1889.

28. *D. Bonjeani*, DeNot.

On earth in Dow's Swamp ; in wet woods along the borders of the Mer Bleue. Aug. 26th, 1889. Barren.

29. *D. undulatum*, Turn.

Common in cool damp woods on earth. Stewart's Bush, Dow's Swamp, Mer Bleue, and McKay's Woods ; on the cliffs, Rockcliffe Park. April 22nd, 1896. Fruiting in summer.

30. *D. spurium*, Hedw.

On Laurentian rocks on Gilmour's Island, Chelsea, Que. May 22nd, 1892. Barren.

IX. FISSIDENS, Hedw.

31. *F. bryoides*, Hedw.

On earth in woods between St. Patrick's Bridge and Beechwood Cemetery, east of the road ; on earth in woods Leamy's Lake, Hull, Que. Oct. 16th, 1889. Fruiting.

32. *F. minutulus*, Sulliv.

On stones in the channel of the small brook entering McKay's Lake near Beechwood Cemetery. Oct. 12th, 1884. Fruiting.

33. *F. pusillus*, Wils.

Abundant on damp, flat, limestone rocks in McKay's Woods, south-west of the lake. Oct. 12th, 1884. Fruiting.

34. *F. osmundoides*, Hedw.

On earth on turned-up trees in Dow's Swamp ; on roots of trees in woods at Leamy's Lake, Hull, Que. ; on roots of trees in old woods at Carleton Place. May 31st, 1884.

35. *F. decipiens*, DeNot.

Very abundant on turned-up roots and old stumps in Dow's Swamp ; on earth in woods at Leamy's Lake, Hull, Que. ; also in McKay's Bush near the lake ; collected on damp rocks, Rockcliffe Park, April 22nd, 1896.