

104. **P. juniperinum**, Willd.

In old pastures and on old pine stumps in fields and by roadsides ; quite common. At the base of stumps north of Beechwood Cemetery, May 12th 1896.

105. **P. commune**, Linn. Var. **Canadense**, Kindb.

Differs principally in the low stem, about 6-8 cm. high, the pedicel not much longer, the blackish capsule much shorter than in the type which probably is very rare in Canada and only once examined by Kindberg.

In wet places at Britannia, Oct. 11th, 1892 ; also in hollows in the pine woods by the lake, east of Aylmer, Que., Sept. 11th, 1892 ; wet pastures at Casselman, June 12th, 1892.

XXXV. BUXBAUMIA, Hall.

106. **B. aphylla**, Linn.

On rocks at Chelsea, eight miles from Ottawa, Que. (Dr. Fletcher.)

XXXVI. FONTINALIS, Dill.

107. **F. antipyretica**, Linn.

On stones in the brook running through the Beaver Meadow west of Hull.

XXXVIII. DICHELYMA, Myrin.

108. **D. pallescens**, Bruch and Schimp.

On the bases of trees and twigs in water-holes near St. Patrick's Bridge ; also very abundantly in the woods subject to spring floods around Leamy's Lake, Hull, Que., Nov. 9th, 1896. Fruiting.

XXXIX. NECKERA, Hedw.

109. **N. pennata**, Hedw.

Quite common on trunks in swamps or wet woods around Ottawa. On trunks north of Beechwood Cemetery, also in Dow's Swamp ; on trunks "Pine Hill," Rockcliffe Park, April 16th, 1896.

110. **N. oligocarpa**, Bruch and Schimp.

On ledges of limestone rocks opposite Gatineau Point, Rockcliffe Park, May 7th, 1896.

XL. LEUCODON, Schwægr.

111. **L. sciurioides**, Schwægr.

Common on trunks in all old woods. Dow's Swamp, Carleton Place, Eastman's Springs and Casselman ; in McKay's Woods, May 7th, 1896. Barren.