

42. **L. glaucescens**, Hampe,

On calcareous earth in crevices of rocks along lakes and rivers. Along the outlet of Leamy's Lake, south side ; at Kirk's Ferry and Meeche's Lake ; on the cliffs facing the Ottawa, Rockcliffe Park. April 22nd, 1896

XV. BARBULA, Hedw.

43. **B. brevirostris**, Bruch. and Schimp. (?)

On large boulders, growing with *Seligeria recurvata* along the road leading east from the end of the Electric Road at Rockcliffe Park, May 7th, 1896. Fruiting.

44. **B. tortuosa**, Web. and Mohr.

On rocks near McKay's Lake and around the cliffs, Rockcliffe Park ; on "Pine Hill," Rockcliffe Park, April 16th, 1896 ; on rocks Meeche's Lake near Chelsea, Que., Sept. 23rd, 1893.

45. **B. unguiculata**, Hedw.

Very common, some years, on old roads and streets in and around Ottawa. Mackenzie Ave., Oct. 12th 1896 ; on limestone rocks by the Ottawa, Rockcliffe Park.

46. **B. convoluta**, Hedw.,

Quite common in pastures, growing with *Ceratodon purpureus*, known by its yellow pedicels. By roadsides and in pastures at the Experimental Farm and north-west to Hintonburg ; also by the C.P.Ry. at Carleton Place ; on earth in pastures at Rockcliffe Park, May 12th, 1896. Fruiting early in spring.

47. **B. ruralis**, Hedw.

Generally found on limestone shingle or gravelly ridges. Rockcliffe Park near Governor's Bay ; at Britannia and along the railway at Carleton Place. Barren.

XVI. GRIMMIA.

48. **G. apocarpa**, Hedw.

On boulders everywhere around Ottawa ; especially in McKay's Woods ; at Meeche's Lake and Chelsea, Que. ; at Carleton Place, and Stittsville ; on "Pine Hill," Rockcliffe Park, April 14th, 1896. Fruiting abundantly late in autumn.

XVII. HEDWIGIA, Ehrh.

49. **H. ciliata**, Ehrh.

Quite common on boulders, McKay's Woods, and other places