

years since. It is apparently very rare as its occurrence in America was doubted when Lesq. and James' work on the mosses appeared in 1884.

On rocks at the corner of Rockcliffe Park close to Governor's Bay. October 12th, 1884.

59. *O. cupulatum*, Hoffm.

On limestone rocks along the cliffs facing the Ottawa near Governor's Bay, Rockcliffe Park. April 16th, 1891.

60. *O. strangulatum*, Beauv.

On trunks and fences around Ottawa; woods at Ironsides, Chelsea and near Leamy's Lake, Que.; also in McKay's Woods and in Beechwood Cemetery; collected on trees in Rockcliffe Park, April 22nd, 1896.

61. *O. psilothecium*, C. M. and Kindb.

Plants small, 1 cm. long or less, green. Leaves short oblong-lanceolate, obtusate or short-acuminate, sub-obtuse, revolute at the borders to the greater part, faintly papillose; costa percurrent, Capsule small, immersed, oblong, not striate before sporosis, very short-necked; vaginula naked; calyptra slightly hairy at the blackish apex, finally glabrous and light-brown, narrow, covering the whole capsule: lid rostellate. Male flowers on distinct branches.

This species has the habit of *O. fallax*, Schimp. (*O. Schimperii*, Hamm.) We have not been able to examine the peristome and the stomata of the capsule, because only one capsule (in our specimen) is nearly ripe, the others are quite unripe.

On old fences in Rockcliffe Park; on cedar rails along the Richmond Road, near Hintonburg; collected on old fences at Carleton Place, Aug. 26th, 1889.

62. *O. obtusifolium*, Schrad.

On old cedar rails and trunks of balsam poplar; on rails in McKay's Bush; on poplar trees along the Gatineau River, near Leamy's Lake, Hull, Que.; collected on poplar trees near Hintonburg, April 18th 1896.

XX. ENCALYPTA, Schreb.

63. *E. vulgaris*, Hedw.

On limestone ledges on the south side of the outlet of Leamy's Lake, near the Hull Cemetery, Que., Oct. 11th, 1890.

64. *E. Macounii*, Austin.

In crevices of limestone rocks around the whole cliff facing the Ottawa in Rockcliffe Park, April 22nd, 1896; crevices of rocks along the Gatineau at Kirk's Ferry, Que. Fruiting.