

around Ottawa ; on boulders "Pine Hill," Rockcliffe Park, April 16th, 1896. Fruiting.

Var. **viridis**, Schimp.

On boulders in shady woods quite common at Ottawa ; Oct. 12th, 1884.

Var. **subnuda**, Kindb.

Leaves nearly hairless, the greater number broadly ovate, borders reflexed ; cells larger, subquadrate.

On boulders in McKay's Woods near the lake, April 28th, 1896. Fruiting.

XVIII. ULOTA, Mohr.

50. **U. Ludwigii**, Brid.

On trees along the creek in Beaver Meadow north of the toll-gate on the Aylmer Road ; very rare on "Pine Hill," Rockcliffe Park. May 7th, 1896.

51. **U. crispa**, Brid.

On cedar trees in Dow's Swamp ; and on spruce trees along the Beaver Meadow Creek west of Hull, Que. ; on spruce trees in Rockcliffe Park near Governor's Bay, April 22nd, 1896.

52. **U. camptopoda**, Kindb.

Stem not creeping. Leaves, when dry crisped, when moist patent, or squarrose, often curved, faintly papillose, from a short dilated ventricose base, suddenly narrowed into the acute or subulate acumen, borders recurved at the base, and also often above on one side ; outer basal cells, disposed in 2-5 rows, quadrate-rectangular thick-walled ; inner narrow, orange, upper rotundate ; costa elevate, stout percurrent. Capsule small, long-necked, when dry faintly plicate, narrow, subcylindric and not constricted below the mouth, obovate when moist ; teeth bigerminate, pale, when dry recurved ; cilia none ; lid long, apiculate ; pedicel long, but not much emergent, flexible, more or less curved or geniculate, in young as well as in the dry state ; calyptra densely hairy, covering the capsule.

Habit of *U. crispula*. Agrees with *U. maritima* in the curved pedicel ; differs from *U. Ludwigii* in the narrower capsule. Growing together with *U. Ludwigii* on trees along the Beaver Meadow Creek west of Hull, Que. ; also on the pales on the south-west corner of the Cemetery west of Hull on the Aylmer Road, Que. ; April 26th, 1891.

53. **U. connectens**, Kindb.

Monœcious. Tufts soft, pulvinate, green above ; blackish below. Stems erect. Leaves, from an ovate concave base, linear-lanceolate,