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THE CRYPTOGAMIC FLORA OF OTTAWA.

BY PROF. JOHN MACOUN, M.A., F.L.S., F.R.S.C.

Continued from December No.

163. **R. pseudo-serrulatum**, Kindb.

Leaves ovate or ovate-oblong, minutely denticulate, striate and chlorophyllose, not or indistinctly decurrent; cells lanceolate, the lower shorter and more dilated; costa thin, vanishing above the middle. Stem leaves, short-acuminate or filiform-pointed; branch-leaves with short subulate sometimes twisted point. Capsule arcuate; lid apiculate; pedicel rough very long. Stem subpinnate or irregularly divided. Tufts dark green, faintly glossy, radiculose at the base. Monœcious. Habit of *R. serrulatum*.

On earth and small stones in McKay's Woods near the lake, Oct. 12th, 1889,

164. **R. serrulatum**, (Hedw.)

On earth in McKay's Woods, Sept. 6th, 1889.

165. **R. rusciforme**, (Weis.) Schimp.

Abundant on stones in the brook that discharges Kingsmere four miles west of Chelsea, Que., Sept. 9th. 1889.

Var. **inundatum**, Kindb.

On rocks in the brook which discharges Kingsmere four miles west of Chelsea, Que., Sept. 9th, 1889; on rocks in a brook discharging into Meeche's Lake, north of Chelsea, Que., Sept. 23rd. 1893.

LVI. THAMNIUM, Schimp.

166. **T. Alleghaniense** (C. Muell.) Bruch and Schimp.

In crevices of thick bedded limestone rocks near McKay's Lake under ledges along the cliffs Rockliffe Park, April 22nd, 1896.

LVII. PLAGIOTHECIUM, Schimp.

167. **P. Passaicense**, Aust.

On cedar stumps and trees in Dow's Swamp, Sept. 6th, 1889.