

146. **B. platycladum**, C. M. and Kindb.

Tufts densely cohering, bright green, shining. Stem irregularly branching; branches short, obtuse, complanate. Leaves loosely imbricate or patent, nearly flat, long-decurrent, distinctly auriculate, faintly striate, broad, ovate, suddenly and generally short-acuminate; borders not recurved, faintly sinuate or sub-entire below the middle, more distinctly denticulate above; cells pale, the upper narrow, the lower near the base dilated, the alar large and well defined; costa short, reaching little above the middle. Capsule sub-oval, faintly curved; teeth dark-yellow, entire at the borders; cilia not appendiculate; lid unknown; pedicel rough, about 2 cm. long, or shorter. Perichetial leaves long, filiform-acuminate, the point arcuate. Dioecious.

Differs from *B. rutabulum* principally in the long-decurrent auricled leaves and the dioecious inflorescence; from *B. rivulare* in the peristome, etc.

On stones in the bed and along the sides of a brook, north of the Parry Sound Railway, west of West End Park, May 21st. 1885.

Mr. F. A. Grout, of Columbia College, New York, who has just completed a monograph of *Brachythecium*, refers the above species to *B. rutabulum* (L.) var. *flavescens*, Brid.

147. **B. Donnellii**, Aust.

On limestone rocks in McKay's Woods, near the Lake, Sept. 25th, 1889.

148. **B. velutinum**, Bruch and Schimp.

On earth in Gilmour's Park, Chelsea, Que., Sept. 9th, 1889; on the bases of trees in Dow's Swamp, May 2nd, 1896.

149. **B. intricatum**, Hedw. (New to America.)

On rocks by a brook near Meeche's Lake, north of Chelsea, Que. Sept. 23rd, 1893.

150. **B. Starkii**, Bruch and Schimp.

On stones in the brook north of the Parry Sound Railway and west of West End Park; on the bases of trees along the Beaver Meadow west of Hull, Que., Oct. 16th. 1884.

151. **B. cœdipodium**, (Mitt.)

On old log's in woods Gilmour's Park, Chelsea, Que. Sept. 9th, 1889; on rocks in woods west of Hull, Que., Oct. 20th, 1891; on earth in Beechwood Cemetery, Oct. 12th, 1889.

152. **B. curtum**, Lindb.

On stones in damp places McKay's Woods, Oct. 12th, 1888