

XLVI. PYLAISIA, Bruch and Schimp.

124. *P. polyantha*, Bruch and Schimp.

On rotten logs at Carleton Place ; on trees in McKay's Woods, Oct. 12th, 1884.

125. *P. Selwynii*, Kindb. Ott. Nat. II., 156.

Differs from *P. intricata* in the denser, darker green tufts, the leaves broader, short-acuminate, reflexed to the acumen at one border or at both, the short alar and marginal cells more numerous, the capsule short-oval, the segments adhering to two-thirds of the teeth.

Very abundant on old cedar fences along the Richmond Road, three miles west of Ottawa ; also on fences west of Hintonburg, April 18th, 1896. Mr. A. J. Grout reduces this species to *P. intricata*, and believes it to be merely a more compact form.

126. *P. intricata*, Bruch and Schimp.

Common on logs and trunks, in woods and on old cedar rails around Ottawa ; on fence rails and trunks and branches in Rockcliffe Park, April 28th, 1896.

127. *P. velutina*, Bruch and Schimp.

On old logs in Dow's Swamp, Sept. 25th, 1889.

XLVII. ENTODON, C. Mueller.

128. *E. acicularis*, C. M. and Kindb.

Tufts compact, brown-yellow or variegate with green. Stems much divided, very radiculose ; branches very short and turgid, not attenuate. Leaves imbricate, with difficulty loosed from the stem, scarcely open when moist, finally golden-yellow, from the ovate-oblong base suddenly narrowed to a fine aciculiform or subulate point, denticulate nearly all around ; cells not chlorophyllose, linear-lanceolate or fusiform, the alar not well defined ; costa generally wanting. Barren.

On limestone rocks in woods near McKay's Lake, May 2nd, 1885 ; also by an old lime-kiln at Britannia, Oct. 11th, 1890,

In a late revision of the genus Mr. A. J. Grout has reduced this species also to a form of the next.

129. *E. cladorrhizans*, (Hedw.)

On old logs in Rockcliffe Park and McKay's Woods, April 16th, 1896 ; on stones and logs at Britannia ; and very abundant on old logs in woods at Carleton Place. Fruiting abundantly in autumn.

XLVIII. CLIMACIUM, Web. and Mohr.

130. *C. Americanum*, Brid.

On the ground in swamps about wet woods around Ottawa. Seldom fruiting, but frequent in woods along the Beaver Meadow, Hull