

183. **A. curvipes**, Guemb.

In pools in Dow's Swamp, Oct. 16th, 1884.

184. **A. adnatum**, (Hedw.) Lesq. and James.

On flat stones in McKay's Woods, May 16th, 1885; and in woods west of Hull, Que.; on "Pine Hill," Rockcliffe Park, April, 16th, 1896.

185. **A. compactum**, (C. Muell.) Bruch. and Schimp.

On decayed wood in a swamp at Carleton Place, May 30th, 1884.

186. **A. riparium**, Bruch. and Schimp.

On sticks and roots in pools in woods near St. Patrick's Bridge; also in the swamp north of Beechwood Cemetery, Oct. 12th, 1884.

## LIX. HYPNUM, Linn.

187. **H. hispidulum**, Brid.

On the bases of trees around Ottawa; on earth at Carleton Place, 30 miles from Ottawa, Sept. 25th, 1889; bases of trees, Gilmour Park, Chelsea, Que., Sept. 9th, 1889.

188. **H. chysophyllum**, Brid.

On earth and roots of trees at Ottawa, Aug. 26th, 1889; common at Carleton Place, May 30th, 1884; on the cliff facing the Ottawa River, Rockcliffe Park, April 22nd, 1896.

189. **H. Sommerfeltii**, Myrin.

On earth at the bases of trees at Ottawa, Aug. 26th, 1889; on old logs near Leamy's Lake, Hull, Que., Nov. 9th, 1896.

190. **H. unicostatum**, C. M. and Kindb.

Differs from *Hypnum chysophyllum* in the dense tufts, the stem more irregularly branching, creeping, the leaves shorter-acuminate, the alar cells smaller, not yellow, the costa more distinct, the capsule smaller, the perichetial leaves gradually acuminate-subulate or filiform-pointed with acumen arcuate.

On earth in the Mer Bleue, close to the sulphur spring, near Eastman's Springs, Oct. 4th, 1890

191. **H. Kneiffii**, (Bruch. and Schimp.)

Bogs and swamps. In swamps north of Beechwood Cemetery, Oct. 22th, 1889; also in Dow's Swamp; in a bog at Britannia, six miles west of Ottawa, Sept. 14th, 1891; in a swamp near Hog's Back, 1897.

Var. **laxum**, Kindb.

In Dow's Swamp, Oct. 12th, 1884.