

capsule smooth; *Eurhynchium illecebrum* (Beauvois), Milde. Alabama: Baker.

*Eurhynchium glaciale* (Br. Eur.), Kindb., and *E. labradoricum* Kindb. Canada, Cape Breton: Macoun. *E. scabridum*, Lindb., new to America. Newfoundland: Waghorne.

6. *Eurhynchium lusitanicum*, Kindberg, Revue Bryol., 1898, 6 and 1899, 1.

Stem decumbent, not creeping; paraphyllia numerous; leaves subdistichous, nearly crowded, not distinctly decurrent; alar cells oblong, generally not well-defined; other cells sublinear; costa vanishing near middle or somewhat above it; stem-leaves from cordate base attenuate with longish subpiliform point, sinuolate below middle, entire above; branch-leaves oval-oblong acuminate apiculate, denticulate all around. Perichetial leaves small, narrow. Capsule small, piriform, sub-symmetric, strangulate; pedicel smooth. Monœcious. Resembles *E. megapolitanum* but peculiarly differing through the present paraphyllia. Europe, Portugal, Coimbra: C. M. G. Machado.

7. *Brachythecium cyrtophyllum*, Kindberg, in OTTAWA NATURALIST, IV, 63.

Leaves small and short, not plicate, sometimes recurved at one side, not or slightly decurrent, loosely appressed when dry. Stem-leaves round-ovate or ovate, subobtusate or short-acuminate acute, generally entire; branch-leaves ovate, longer-acuminate, denticulate all around; alar cells small, numerous, green or sometimes pellucid; upper cells narrowly rhomboidal, inner sublinear; costa vanishing near middle. Dioecious. Capsules not seen. Tufts green, faintly glossy. Resembles *B. Fendleri*, which differs in all leaves denticulate long-pointed or long-acuminate, etc. Elm logs r. Amer., Canada, Ontario: Macoun.

*Brachythecium Hillebrandi*, Lesquereux. Branch-leaves sub-ovate acute, slightly acuminate; alar cells hyaline, well-defined from the green ones. Alabama: Baker.

*Brachythecium "fagineum"* (H. Müller) was "by Spruce named *Hypnum tenuicaule*," Has not muscol. gall.; its name must therefore be changed to *Brachythecium tenuicaule*, but