

cells narrow; costa scarcely excurrent; tufts dense, rusty-red with green branch-tops, about 5 cm. high; capsules not seen. Amer., Vancouver Island, 1875: Macoun.

Cinclidium Macounii, Kindb. Canada, "Sask., Prince Albert" 1896: Macoun.

Bartramia viridissima, Bridel, and *B. circinnulata*, C. M. & Kindb. Alaska, St. Paul's Island: J. M. Macoun.

Philonotis Arnellii, Husnot. Sweden, near Uddevalla (fruiting): P. Larsson. Not before found in fruiting state.

Funaria serrata, Beauvois, and *Physcomitrium Langloisii*, Ren. & Card. Alabama: Baker.

Timmia megapolitana, Hedwig; sheath of leaves (as in *T. norvegica*) papillose at back. Norway, in Dovrefjeld, fruiting! New to Scandinavian countries.

21. *Timmia austriaca*, Hedwig; **T. comata*, Lindberg.

Agrees with *T. austriaca* also in sheath of leaves smooth at back, as in *T. arctica* and *T. bavarica*; differs from *T. austriaca* in smaller leaves and short stem. Eur., "Finland": Brotherus; (Asia, Siberia: Arnell).

Mnium hymenophylloides Hübener. Canada, Cape Breton: Macoun. *M. rostratum*, Schrader, is usually synœcious. *M. cuspidatum* (Schreber), Leysser, var. *pachyphyllum*, Kindb.; leaves crowded, short-decurrent, crisped when dry; stolons wanting. Alabama: Baker. *M. ciliare* (Greville), Lindb.; distinct from *M. affine* in leaves with ciliiform teeth, inner leaf-cells rotundate. Canada, Cape Breton: Macoun. New to Canada. *M. rugicum*, Laurer. Newfoundland: Waghorne. *M. spinosum* (Voit), Schwægr. Canada: Macoun. Colorado: Baker. *M. spinulosum*, Br. Eur.; **M. macrociliare*, C. M. & Kindb. Alabama: Baker.

Bryum Ferchetii, Funck, and **B. suecicum*, Kindb. Sweden, Dalsland! *B. Duvalii*, Voit. Alaska: J. M. Macoun. *B. Reyeri*, Breidler; allied to *B. alpinum* (not to *B. ventricosum*); leaves indistinctly limbate. Austria: Breidler, com. Warnstorf. *B. fuscum* Lindb. Sweden: J. Persson. *B. occidentale*, Sulliv.; spores nearly 0.02 mm.—*B. gemmuligerum*, Kindb. Canada, Ottawa, clay bank: Macoun. *B. meesoides*, Kindb. Newfoundland: Waghorne. Eur., "Norway": Dixon, Revue Bryol., 1899.