

73. *BRYUM SUBNEODAMENSE*.

Differs from *Bryum neodamense* Itz. Leaves very much smaller and broader, suborbicular, not or slightly decurrent; limb of only 2-3 cell-rows. Capsule not seen. Habit of *Mnium hymenophylloides*. "It is not identical with *Bryum suborbiculare*. Philib." Brotherus has written so to me.

Borders of Bonanza Creek, Yukon, July 18th, 1902. No. 211a. Coll. John Macoun.

74. *BRYUM PALLESCENS*, VAR. *GRANDE*.

Leaves narrowly lanceolate long-acuminate entire. Pedicel of capsule 5-6 cm. long. Spores very small, 0.01 mm. Syncœcious.

On rocks at Goldstream, Vancouver Island, June 8th. 1908.

75. *BRYUM LOWII*.

Syncœcious. Leaves small, red, round-oval obtuse (or the uppermost subacute), entire and not limbate, not (or only the uppermost) reflexed at borders, somewhat loosely disposed, slightly or not decurrent; insertion pale; cells subrhombic; costa red abbreviate. Ripe capsules not seen, pedicel capillary, 1 c.m. long. Tufts dense. 1-2 c.m. high. Probably allied to *B. erythrophyllum* Kindb.

Hudson Bay, Southampton Island: Commander A. P. Low, 1904.

76. *BRYUM JULACEUM*.

Fruiting stem gemmiform; shoots julaceous or gemmiform. Capsule brown, oblong, not large; neck short; lid large convex mamillate; cilia appendiculate; spores about 0.01 m.m.; pedicel 2-3 c.m. long. Leaves reflexed but not limbate, ovate-oblong entire, more or less acuminate; insertion red; cells small rhomboidal; costa long-excurrent, denticulate above, finally red. Tufts low and dense. Diccœcious. Allied to *Bryum Kunzei*, Hornsch.

British Columbia, Pipestone Pass, 7,400 ft. Alt. 1904.

77. *BRYUM NEODAMENSE*, ITZIGS.

Ottawa, 1907. New to Canada.

78. *BRYUM GLACIALE*.

Polygamous or monœcious. Capsule small brown, oblong strangulate; neck short; lid conic mamillate; teeth yellowish; cilia appendiculate; spores about 0.01 m.m.; pedicel 1 c.m. long. Leaves small and generally flat (rarely recurved) at borders, crowded and not decurrent, ovate or ovate-oblong acute, entire and not distinctly limbate; insertion red; cells