

64. *BRYUM PENDULUM* \* *LONGIPES*.

Differs in its narrow capsule with a mamillate lid, costa of leaves short-excurrent.

On earth at Laggan, eastern slope of Rocky Mountains, altitude 5,200 feet, June 26th, 1904. No. 132.

65. *BRYUM SUBPERCURRENTINERVE*.

Leaves crowded, concave, not decurrent, diversiform, entire, not large, twisted when dry; cells dilated subrhombic; costa red. Older leaves with red insertion. Upper stem-leaves oval-oblong subacute, mostly limbate and reflexed; costa percurrent or rarely short-excurrent. Shoot-leaves and lower stem-leaves oval, not distinctly limbate, slightly or not reflexed, very obtuse, arrounded at the apex; costa not percurrent. Capsules not seen; pedicel capillary, 1.5 to 2 cm. long. Dioecious. Tufts dense, green above, 2-3 cm. high.

Very peculiar in the round-obtuse shoot-leaves with their abbreviate costa.

Bogs along Pipestone Creek, eastern slope of Rocky Mountains, altitude 6,000 feet, July 8th, 1904. No. 89.

66. *BRYUM* (*B. PARVULUM* Kindb in Revue Bryologique)  
*MACOUNII* (New name).

Capsule suboval, not constricted, brown and pendent, small, neck longish; lid large convex mamillate, red and nitid; teeth brown; endostomial segments entire, pale; cilia wanting; pedicel 1 cm. long; spores about 0.03 mm. Leaves small and short, ovate-oblong, short-acuminate acute, recurved and entire, more or less limbate; insertion red; cells rhombic; costa red, percurrent. Tufts low and compact; stems subgemmaform. Synœcious. Habit of *Bryum archangelicum*; it differs in monœcious inflorescence, costa of leaves excurrent, etc. *B. lacustre* differs in the small lid of the capsule, endostomial segments fenestrate, narrower leaf-cells, loose tufts, etc.

On wet earth and rocks at Gaspé Basin, Gaspé County, Que., August, 1907. Coll. John Macoun.

67. *BRYUM* (*WEBERA* VEL *POHLIA*) *OBTUSATUM*.

Leaves small and distant but neither decurrent nor reflexed, ovate-oblong or ovate, obtusate, generally obtuse; distinctly denticulate to the middle; cells somewhat wide; costa abbreviate. Lower leaves shorter, round-obtuse, sometimes faintly rose-red. Perichetial leaves suboblong shortish, not acuminate, generally obtuse, rarely subacute. Stem red. Shoots long with capillary stem and short, much distant and patent leaves. Tufts 7 cm. high. Dioecious. Capsule not seen.