

No. 369. On rocks and earth at Ottawa, October 10th, 1905.
New to Canada.

59. *MNIUM MELIUM* BR. EUR. * *BOREALE*, KINDB.

Near Fort Albany, James Bay, Hudson Bay, August 9th,
1904. Coll. W. Spreadborough.

New to Canada. Also found in Illinois by C. F. Baker.

60. *MNIUM BLYTHI* BR. EUR., VAR. *MICROPHYLLUM*, KINDB.
new variety.

Leaves smaller, obtusate (not acuminate), generally obtuse
and elliptic, rarely with a very short point; only shoot-leaves
green, the others purplish-red.

In bogs along Hunker Creek, Yukon. Not uncommon.
Collected in July, 1902. Nos. 218, 219, 213 in part.

61. *MNIUM MACOUNII*.

Agrees with *M. riparium*, Mitt., in the leaves of the barren
stems being loosely disposed and crisped when dry.

Differs in leaves being very much smaller, nearly always
simply dentate (or entire at least below the middle), very rarely
doubly dentate; nearly all cells of the same size (not smaller
towards the margins), also (and principally) in the *short* costa.

Leaves generally obtusate (short-pointed or acute), more
or less (or not) decurrent; the lower leaves smaller and broadly
oval often reddish; the upper generally oval (or rarely oblong);
all with a border of 2-3 rows of narrow and often finally red
cells; costa finally red, not dentate, abbreviate, generally ceasing
far below the apex. Stem purplish. Tufts large, very radiculose
at the base, dense, 1 cm. high or lower. Dioecious. Capsules
not seen.

In peat bogs along Bonanza and Hunker Creeks, Yu on.
July, 1902. Nos. 212, 233b.

62. *BRYUM CYCLOPHYILLOIDES*.

Differs from *B. cyclophyllum* (Schw.) Br. eur.

Upper leaves more concave, crowded (and green), the lower
rufescent; cells somewhat larger, the alar rufous; costa per-
current, often red. Capsules not seen

In a small pool by Pipestone Creek, eastern slope of Rocky
Mountains, altitude 6,500 feet July 6th, 1904. No. 84.

63. *BRYUM PENDULUM* (HORNSCH.) SCHIMPER., * *NANUM*.

Differs in capsule being minute, pedicel less than 1 cm. long,
stem very short with gemmiform shoots.

On Cape Henrietta Maria, west side of James Bay, Hudson
Bay, August 9th, 1904. Coll. Wm. Spreadborough. No. 364.