

26. *TETRAPLODON MNIOIDES* * BREWERI, VAR. *BREVICOLLIS*.
Differs in the capsule (as in *T. urceolatus* [Brid.] Br. & Sch.) not being shorter than the neck.
Collected on Bonanza Creek, Yukon, July 18th, 1902.
Coll. John Macoun. No. 144b(?)
27. *DICRANUM SUBSCOPARIUM*.
Agrees with *D. scoparium* in its leaves being canaliculate and broadly acuminate, thin cells narrow with large pores, costa not excurrent, perichetial leaves short-aristate, capsule curved; differs in having a sulcate capsule, also in its leaves being more strongly dentate; costa not distinctly bilamellate.
The leaves are undulate, nitid, golden yellow or bright green and nearly straight.
On earth in woods at Laggan, Rocky Mountains, Alta., at an altitude of 5,200 feet, June 28th, 1904. Nos. 55 and 181.
28. *DICRANUM STENODICTYON*, KINDB.
Collected on Bonanza Creek, Yukon, 1902. The habit of these specimens does not differ from that of the other species of *Dicranum*, as stated in the first description.
29. *DICRANUM PERICHÆTIALE*, KINDB.
British Columbia. J. M. Macoun.
30. *DICRANOWEISIA ROELLII*, KINDB., VAR. *ATERRIMA*.
Differs in the tufts being black when dry, as in *D. crispula* var. *atrata*.
On rocks, 7,000 feet altitude, at Lake O'Hara, Rocky Mountains, B.C., August 9th, 1904.
31. *SELIGERIA SUBCAMPYLOPODA*, NEW VARIETY.
Leaves entire sublinear, mostly long and acute; costa generally percurrent, rarely short-excurrent. Perichetial leaves obtuse, very much broader and shorter. Capsule (generally broadly) piriform; pedicel long, arcuate when moist. Tufts dense, about 0.5 cm. high.
On rocks at the head of Lake Louise, altitude 6,000 feet, Rocky Mountains, Alta., September 13th, 1904. No. 7.
32. *GRIMMIA ELATIOR*, BRUCH. * *RUFESCENS*.
Agrees with *G. elatior* in the leaves and their costa being papillose, nearly all the leaf-cells (except the lower basal) sinuous; leaves large, nearly appressed when dry.
Differs in leaves being rufescent, often recurved all around, with longer and more numerous papillæ, and a short, strongly dentate-papillose hairpoint.