

strong superficial resemblance to *Lophozia Rutheana*, Lindberg recognized its distinctness and made it the type of his section *Mesoptychia*. Schiffner afterwards raised this section to sub-generic rank under *Lophozia*. The Yukon specimens, however, which are more complete than those originally found, show conclusively that *J. Sahlbergii* should be considered the type of a distinct genus, for which Lindberg's appropriate sectional name may be retained. In the following enumeration the numbers quoted refer to the specimens collected by Professor Macoun.

Marchantiaceæ

1. *ASTERELLA FRAGRANS*, (Schleich.) Trevis.
Hunker Creek (61).
2. *PREISSIA QUADRATA*, (Scop.) Nees.
Hunker Creek (62).
3. *MARCHANTIA POLYMORPHA*, L.
Dawson (1); West Dawson (Williams).

Metzgeriaceæ.

4. *RICCARDIA PINGUIS*, (L.) S. F. Gray.
Dawson (5); Bonanza Creek (85).

Jungermanniaceæ.

5. *GYMNOMITRIUM CORALLIOIDES*, Nees.
Indian Divide (98).
6. *NARDIA SCALARIS*, (Schröd.) S. F. Gray.
Dawson (Williams).
7. *ARNELLIA FENNICA*, (Gottsche) Lindb. Meddel. Soc. F. et Fl. Fenn. 14 : 70. 1887. Lindb. & Arnell, Kongl. Sv. Vet. Akad. Handl. 23⁵ : 35. 1889.
Jungermannia Fennica, Gottsche ; G. & R. *Hep. Eur.* 418. 1868.
Southbya Fennica, Gottsche, l. c.

Hunker Creek (64 p.p.); Dawson (Williams), a few fragments only, not listed by Howe. A widely distributed species, now known in the Old World from Norway, Sweden, Finland, Italy and Siberia. In North America the species has been previously collected by Dusén in Greenland, and by