

B. lacustre, Blandow (" *B. maritimum*, Bomanson," Arnell). Sweden, Gestrikland: Arnell. *B. Knowltoni*, Barnes; leaves ovate or ovate-lanceolate; tufts not always tomentose. N. Scotia, Sable Island, Macoun. *B. globosum*, Lindberg. Newfoundland (forma monoica: Waghorne. New to America. *B. Græfii*, Schliephacke (*B. grandiflorum*, Arnell). Sweden: Arnell. *B. lapponicum*, Kaurin; tufts sometimes 3 c.m. high. Sweden, Gestrikland: Arnell. *B. (Webera) Lescurii*, Sullivant. Alabama: Baker. *B. (Webera) carneum* L. Vancouver Island: Macoun.

Bryum "*atropurpureum*," Schimper, not Wahlenberg, is to be named *B. bicolor*, Dickson.

22. *Bryum Donii*, Greville; * *B. humile*, Kindberg, *Revue Bryol.*, 1898, 6.

Stem not very distinct, with small buds; leaves smaller, nearly entire, narrowly limbate and not distinctly recurved; capsule smallish, brown or blackish, not shining; pedicel 1.5 c.m. Dioecious. Eur., Portugal, Coimbra; Machado.

23. *Bryum microstegioides*, Kindberg. N. sp.

Differs from *B. submicrostegium*: leaves short-acuminate; capsule with large lid; endostomial membrane very low; cilia short, smooth. Amer., Alaska, Pribyloff Islands, 1891: Palmer.

24. *Bryum (Webera) pseudo-carneum*, Kindberg. N. sp.

Differs from *B. carneum* in leaves shorter, ovate-oblong, and long-decurrent; costa percurrent. Capsules not seen. Sandy soil. Amer., Canada, N. Scotia, Sable Island: Macoun.

25. *Bryum (Webera) atropurpureum*, Wahlenberg, H. Lindberg, *acta societ. pro fauna et flora fennica*, t. xvi, n. 2, 1899.

Differs from *B. carneum* principally in stomata of capsule superficial and generally narrower leaf-cells. Amer., Brit. Columbia, Revelstoke and Cascade Mountains: Macoun. New to America. Eur., "Sweden, Norway, Finland, Russia, Germany": H. Lindberg, l. c.

Andreaea nivalis, Hooker. Greenland: com. Macoun, 1899. New to America.

Ephemerum Ruthei, Schimper. Germany: Ruthe, com. Warnstorf.

Linköeping, Sweden, March, 1900.