

Family GRIMMIACEAE.

Genus *Racomitrium* Brid.*Racomitrium hypnoides* (L.) Lindb.

Tundra at Cape Barrow, Coronation gulf, Northwest Territories, Aug. 6, 1915, J. J. O'Neill. On basalt outcrop at mouth of "Mackenzie river" (of Dr. Rae), Victoria island, Northwest Territories, Canada, March 29, 1916.

Family ORTHOTRICHACEAE.

Genus *Orthotrichum* Hedw.*Orthotrichum Killiasii* C.M.

Harbour island, Bernard harbour, Northwest Territories, June 10, 1916 and tundra at Bernard harbour, Northwest Territories, June, 1916; fruiting. From dolomite rock cliff, at mouth of "Mackenzie river," (of Dr. Rae) south shore of Victoria island, Northwest Territories, March 29, 1916. On boulders at Bernard harbour, Northwest Territories, June, 1916. "Uluksoq's island," Bernard harbour, Northwest Territories, June 12, 1916. Bernard harbour, Northwest Territories, June 11, 1915; fruiting. Cape Barrow, Coronation gulf, Northwest Territories, Aug. 1915. R. M. Anderson.

Family SPLACHNACEAE.

Genus *Tetraplodon* B.S. & G.*Tetraplodon bryoides* (Zoeg.) Lindb.

Bernard harbour, Northwest Territories, July 3, 1916. Tundra at Collinson point, Alaska, June 3, 1914. Tundra at Young point, Northwest Territories, July 21, 1916. The specimens all fruiting.

Genus *Haplodon* R. Br.*Haplodon Wormskjoldii* (Hornem.) R. Br.

Creek bed at Bernard harbour, Northwest Territories, July 9, 1915. Bernard harbour, Northwest Territories, July 3, 1916. All in fruit.

Family BRYACEAE.

Genus *Leptobryum* (B.S. & G.) Wils.*Leptobryum pyriforme* (L.) Wils.

On boulders, Sadlerochit river, about 30 miles inland from Camden bay, Alaska, Nov. 13, 1913; fruiting.

Genus *Bryum* Dill.*Bryum pendulum* (Hornsch.) Sch.

Creek bed at Bernard harbour, Northwest Territories, July 9, 1915; fruiting.

Bryum arcticum (R.Br.) B.S. & G. Bry. Eur.

Island near Cockburn point, Dolphin and Union strait, Northwest Territories, July 15, 1916. Probably the same: tundra at Young point, Northwest Territories, July 21, 1916. Both in fruit, but the latter with capsules infected by a fungus.