

Genus **Ditrichum** Tium.**Ditrichum flexicaule** var. **densum** Braithw.

Near Colville hills, Victoria island, Northwest Territories, July, 1915, D. Jenness. Tundra at Bernard harbour, Northwest Territories, June, 1916.

Ditrichum giganteum R. S. Will.

Port Epworth, Coronation gulf, Northwest Territories, June, 1915, J. R. Cox and J. J. O'Neill.

Family **DICRANACEAE**.Genus **Dicranum** Hedw.**Dicranum Bergeri** Blandow.

On lower hills of Sadlerochit river, 25 miles inland from Camden bay, Alaska, Nov. 13, 1913.

Dicranum elongatum Schleich.

Tundra hummock at Collinson point, Alaska, June 7, 1914.

Dicranum neglectum Juratzka.

Tundra at Collinson point, Alaska, June 7, 1914. Tundra at Collinson point, Alaska, Oct. 9, 1913. Basalt island southeast of Lady Franklin point, Coronation gulf, Northwest Territories, March 12, 1916.

Family **POTTIACEAE**.Genus **Tortella** (C.M.) Limpr.**Tortella tortuosa** (L.) Limpr.

Moist places on basalt island southeast of Lady Franklin point, Coronation gulf, Northwest Territories, March 12, 1916.

Tortella fragilis (Drum.) Limpr.

Port Epworth, Coronation gulf, Northwest Territories, June, 1915, J. R. Cox and J. J. O'Neill.

Genus **Didymodon** Hedw.**Didymodon rubellus** (Hoffm.) Br. & Sch.

Young point, Northwest Territories, July 21st, 1916. On dolomite rocks on Sutton island, Dolphin and Union strait, Northwest Territories, April 10, 1916.

Genus **Barbula** Hedw.**Barbula Johansenii**, n.sp.

Dioica: humillima (3-1 mm.); caules simplices, cespitosi, virides; folia siccata erecto-appressa imbricata, ovato-lanceolata, non papillosa, 1.5 mm. longa, margine integro, plus minus revoluta; cellulis inferioribus oblongis vel