

Table 1. Preliminary vegetation classification based on habitat and dominant species and sample numbers for each type.

<u>Principal habitat</u>	<u>Preliminary community name</u>	<u>Plots</u>
<i>Dry tundra</i>		
South-facing slopes	<i>Dryas octopetala - Selaginella sibirica</i>	SWT-7, 18, 47*, 60
Outwash terraces and till	<i>Arctous alpina - Hierochloë alpina Vaccinium vitis-ideae - Calamagrostis purpurascens</i> <i>Betula nana - Cladina arbuscula</i> <i>Salix phlybophylla - Vaccinium vilis-ideae</i>	SWT-5*, 46^, 71 SWT-65*, 69 SWT-3, 6, 66, 70* SWT-63
Ground squirrel mounds	<i>Poa glauca - Ranunculus pedatifidus</i>	SWT-17, 48*, 76, 31
Sorted and non sorted stripes	<i>Dryas integrifolia - Dicranum sp.</i>	SWT-40*, 44*
Frost scars	<i>Luzula arctica - Juncus biglumis</i>	SWT-80, 35*, 74, 64
<i>Snowbeds</i>		
Upper snowbeds	<i>Empetrum nigrum - Ledum decumbens</i>	SWT-8^, 19
Middle snowbeds	<i>Cassiope tetragona - Carex micro chaeta</i> <i>Cassiope tetragona - Geum glaciale</i>	SWT-49* SWT-9, 20, 50*
Lower deep snowbeds	<i>Salix rotundifolia - Hylocomium splendens</i>	SWT-51*
<i>Moist tundra</i>		
Water track margins	<i>Betula nana - Sphagnum rubellum</i>	SWT-36, 75*
Minerotrophic slopes	<i>Carex bigelowii - Tomenthypnum nitens</i>	SWT-22, 23, 39*, 42^, 43^, 53*, 56*, 77
Tussock tundra	<i>Eriophorum vaginatum - Sphagnum rubellum</i>	SWT-25, 26*, 32*, 54*, 73^, 81
Lower minerotrophic slopes	<i>Equisetum arvense - Carex bigelowii</i>	SWT-10, 21, 24, 41*, 45*, 52^
Fen hummocks	<i>Tricophorum caespitosum - Tomenthypnum nitens</i>	SWT-14*, 38*, 58*
Stream banks, lake margins	<i>Carex podocarpa - Dodocatheon frigidum</i>	SWT-1, 16, 34*, 62
Riparian willows	<i>Salix lanata - Salix alaxensis</i>	SWT-2*, 28, 33, 67
Shrubby south-facing slopes	<i>Salix glauca</i>	SWT-59, 61*
Stream margins	<i>Salix pulchra - Dodecatheon frigidum</i>	SWT-68*
<i>Wet tundra</i>		
Fens, deeper water	<i>Carex aquatilis - Eriophorum angustifolium</i>	SWT-12, 13*, 29, 72
Fens, shallow water	<i>Carex chordormza - Carex rariflora</i>	SWT-II* 15, 37*, 55, 57*
Water tracks	<i>Salix pulchra - Sphagnum squarrosum</i>	SWT-27*
Lake margins	<i>Arctophila fulva - Hippuris vulgaris</i>	SWT-4, 30*
Water tracks	<i>Salix pulchra - Sphagnum rubellum</i>	SWT-78, 79*

* Plots with soil descriptions and soil analysis for most horizons.

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All other plots have soil analysis for horizon at 10-cm depth (rooting zone).