

Photo 12 Shrub Ecosite Group – Birch Seep Ecosite



Photo 13 Shrub Ecosite Group – Low Shrub Ecosite



Photo 14 Shrub Ecosite Group – Riparian Tall Shrub Ecosite



Photo 15 Shrub Ecosite Group – Riparian Willow Ecosite



Photo 16 Small Patch Vegetation Communities – Coastal Vegetation Communities



Appendix E Plant Species Lists

E.1 Observed Vegetation Taxa and Species

Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Achillea borealis</i>	woolly yarrow	S4	N5	-
Vascular	<i>Achillea borealis</i> var. <i>borealis</i>	boreal yarrow	SNR	N5	-
Vascular	<i>Achillea millefolium</i>	yarrow	SNR	NNR	-
Vascular	<i>Achillea</i> sp.	yarrow species	N/A	N/A	-
Vascular	<i>Agrostis mertensii</i>	northern bentgrass	S4	N4	-
Vascular	<i>Alopecurus magellanicus</i>	alpine foxtail	S5	N5	-
Vascular	<i>Andromeda polifolia</i>	bog rosemary	S5	N5	-
Vascular	<i>Androsace septentrionalis</i>	northern fairy-candelabra	S4	N5	-
Vascular	<i>Anemonastrum richardsonii</i>	Richardson's anemone	S4	N5	-
Vascular	<i>Anemone parviflora</i>	small-flowered anemone	S4	N5	-
Vascular	<i>Antennaria alpina</i>	alpine pussytoes	S4	N4N5	-
Vascular	<i>Antennaria friesiana</i>	Fries' pussytoes	S4	N5	-
Vascular	<i>Antennaria friesiana</i> ssp. <i>friesiana</i>	Fries' pussytoes	SU	N4N5	-
Vascular	<i>Antennaria monocephala</i>	pygmy pussytoes	S4	N5	-
Vascular	<i>Antennaria monocephala</i> ssp. <i>angustata</i>	narrow-leaved pygmy pussytoes	SU	N5	-
Vascular	<i>Antennaria rosea</i>	rosey pussytoes	S4	N5	-
Vascular	<i>Antennaria rosea</i> ssp. <i>pulvinata</i>	pulvinate pussytoes	SU	N5	-
Vascular	<i>Antennaria</i> sp.	pussytoes species	N/A	N/A	-
Vascular	<i>Anthoxanthum hirtum</i>	hairy sweetgrass	S4	N5	-
Vascular	<i>Anthoxanthum monticola</i> ssp. <i>alpinum</i>	bent-awned alpine sweetgrass	S5	N5	-
Vascular	<i>Anthoxanthum</i> sp.	vernalgrass species	N/A	N/A	-
Vascular	<i>Arabidopsis arenicola</i>	arctic rockcress	S4	N4	-
Vascular	<i>Arctagrostis latifolia</i>	wide-leaved polargrass	S5	N5	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Arctanthemum arcticum</i>	arctic daisy	S3	N4	Yes
Vascular	<i>Arctophila fulva</i>	pendant grass	S4	N4	-
Vascular	<i>Arctostaphylos</i> sp.	bearberry species	N/A	N/A	-
Vascular	<i>Arctous alpina</i>	alpine bearberry	S4	N5	-
Vascular	<i>Arctous rubra</i>	red bearberry	S4	N5	-
Vascular	<i>Arenaria humifusa</i>	creeping sandwort	S4	N4N5	-
Vascular	<i>Armeria maritima</i>	sea thrift	S5	N5	-
Vascular	<i>Armeria</i> sp.	thrift species	N/A	N/A	-
Vascular	<i>Arnica angustifolia</i>	narrow-leaved arnica	S4	N4	-
Vascular	<i>Arnica angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved arnica	S4	N5	-
Vascular	<i>Arnica griscomii</i>	Griscom's arnica	S3	N5	Yes
Vascular	<i>Arnica griscomii</i> ssp. <i>frigida</i>	snow arnica	SU	N5	-
Vascular	<i>Arnica lonchophylla</i>	long-leaved arnica	SH	N4N5	Yes
Vascular	<i>Arnica</i> sp.	arnica species	N/A	N/A	-
Vascular	<i>Artemisia borealis</i>	boreal wormwood	S4	N5	-
Vascular	<i>Artemisia campestris</i>	field wormwood	SU	N5	-
Vascular	<i>Artemisia hyperborea</i>	Forked Wormwood	SU	N4N5	-
Vascular	<i>Artemisia</i> sp.	wormwood species	N/A	N/A	-
Vascular	<i>Artemisia tilesii</i>	Tilesius wormwood	S4	N5	-
Vascular	<i>Askellia pygmaea</i>	dwarf hawksbeard	S4	N5	-
Vascular	<i>Astragalus alpinus</i>	alpine milk-vetch	S5	N5	-
Vascular	<i>Astragalus</i> sp.	milk-vetch species	N/A	N/A	-
Vascular	<i>Betula glandulosa</i>	glandular birch	S5	N5	-
Vascular	<i>Betula nana</i>	arctic dwarf birch	S4	N5	-
Vascular	<i>Betula occidentalis</i>	water birch	S3	N5	Yes

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Vascular	<i>Betula</i> sp.	birch species	N/A	N/A	-
Vascular	<i>Bistorta vivipara</i>	alpine bistort	S5	N5	-
Vascular	<i>Bromus pumpellianus</i>	Pumpelly's brome	S3S4	N5	Yes
Vascular	<i>Calamagrostis canadensis</i>	bluejoint reedgrass	S4	N5	-
Vascular	<i>Calamagrostis canadensis</i> var. <i>langsдорffii</i>	Langsdorff's reedgrass	S4	N5	-
Vascular	<i>Calamagrostis lapponica</i>	lapland reedgrass	S4	N5	-
Vascular	<i>Calamagrostis purpurascens</i>	purple reedgrass	S4	N5	-
Vascular	<i>Calamagrostis</i> sp.	reedgrass species	N/A	N/A	-
Vascular	<i>Calamagrostis stricta</i>	slim-stemmed reedgrass	S4	N5	-
Vascular	<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	northern reedgrass	SNR	N5	-
Vascular	<i>Callitriche palustris</i>	marsh water-starwort	SU	N5	-
Vascular	<i>Caltha palustris</i>	yellow marsh marigold	S4	N5	-
Vascular	<i>Cardamine bellidifolia</i>	alpine bittercress	S5	N5	-
Vascular	<i>Cardamine digitata</i>	Richardson's bittercress	S4	N5	-
Vascular	<i>Cardamine pratensis</i>	meadow bittercress	SNR	NNR	-
Vascular	<i>Cardamine</i> sp.	bittercress species	N/A	N/A	-
Vascular	<i>Carex myosuroides</i>	mouse-tail bog sedge	S4	N5	-
Vascular	<i>Carex adelostoma</i>	circumpolar sedge	S3	N4	Yes
Vascular	<i>Carex aquatilis</i>	water sedge	S5	N5	-
Vascular	<i>Carex aquatilis</i> var. <i>minor</i>	arctic water sedge	SNR	NU	-
Vascular	<i>Carex atrofusca</i>	dark-brown sedge	S4S5	N4N5	-
Vascular	<i>Carex bigelowii</i>	Bigelow's sedge	S5	N5	-
Vascular	<i>Carex bigelowii</i> ssp. <i>lugens</i>	spruce muskeg sedge	S4S5	N4	-
Vascular	<i>Carex borealipolaris</i>	Siberian bog sedge	S4	N4	-
Vascular	<i>Carex canescens</i>	hoary sedge	S3S4	N5	Yes

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Carex capillaris</i>	hair-like sedge	S4	N5	-
Vascular	<i>Carex capitata</i>	capitate sedge	S4	NNR	-
Vascular	<i>Carex chordorrhiza</i>	creeping sedge	S4	N5	-
Vascular	<i>Carex fuliginosa</i>	short-leaved sedge	S5	N5	-
Vascular	<i>Carex glacialis</i>	glacier sedge	S4	N5	-
Vascular	<i>Carex glareosa</i>	gravel sedge	S4	N4N5	-
Vascular	<i>Carex gynocrates</i>	northern bog sedge	S4	N5	-
Vascular	<i>Carex holostoma</i>	arctic marsh sedge	S4	N4N5	-
Vascular	<i>Carex lachenalii</i>	Lachenal's sedge	S4	N5	-
Vascular	<i>Carex maritima</i>	seaside sedge	S4	N4N5	-
Vascular	<i>Carex media</i>	intermediate sedge	SNR	N5	-
Vascular	<i>Carex membranacea</i>	fragile sedge	S5	N5	-
Vascular	<i>Carex nardina</i>	nard sedge	S4	N5	-
Vascular	<i>Carex norvegica</i>	Norway sedge	S4	N5	-
Vascular	<i>Carex podocarpa</i>	graceful mountain sedge	S4	N5	-
Vascular	<i>Carex rariflora</i>	loose-flowered alpine sedge	S4	N5	-
Vascular	<i>Carex rotundata</i>	round-fruited sedge	S4	NNR	-
Vascular	<i>Carex rupestris</i>	rock sedge	S5	N5	-
Vascular	<i>Carex saxatilis</i>	russet sedge	S5	NNR	-
Vascular	<i>Carex scirpoidea</i>	single-spike sedge	S5	N5	-
Vascular	<i>Carex simpliciuscula</i>	simple bog sedge	S4	N5	-
Vascular	<i>Carex</i> sp.	sedge species	N/A	N/A	-
Vascular	<i>Carex subspathacea</i>	Hoppner's sedge	S4	N4N5	-
Vascular	<i>Carex supina</i>	weak arctic sedge	S4	N5	-
Vascular	<i>Carex tenuiflora</i>	sparse-flowered sedge	S4	N5	-

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Vascular	<i>Carex ursina</i>	bear sedge	S4	N5	-
Vascular	<i>Carex vaginata</i>	sheathed sedge	S4	N5	-
Vascular	<i>Carex williamsii</i>	Williams' sedge	S4	N4N5	-
Vascular	<i>Cassiope tetragona</i>	four-angled mountain heather	S5	N5	-
Vascular	<i>Castilleja elegans</i>	elegant paintbrush	S4	N4	-
Vascular	<i>Castilleja</i> sp.	paintbrush species	N/A	N/A	-
Vascular	<i>Cerastium alpinum</i>	alpine chickweed	S5	N5	-
Vascular	<i>Cerastium beeringianum</i>	Bering Sea chickweed	S5	NNR	-
Vascular	<i>Cerastium cerastoides</i>	starwort chickweed	SU	N3N4	Yes
Vascular	<i>Cerastium</i> sp.	mouse-ear chickweed species	N/A	N/A	-
Vascular	<i>Chamaenerion angustifolium</i>	fireweed	S4	N5	-
Vascular	<i>Chamaenerion latifolium</i>	river beauty	S5	N5	-
Vascular	<i>Cherleria biflora</i>	mountain stitchwort	S4	N5	-
Vascular	<i>Cherleria obtusiloba</i>	alpine stitchwort	SNR	N5	-
Vascular	<i>Chrysosplenium tetrandrum</i>	northern golden-saxifrage	S4	N5	-
Vascular	<i>Cochlearia groenlandica</i>	Greenland scurvygrass	S5	N5	-
Vascular	<i>Comarum palustre</i>	marsh cinquefoil	S4	N5	-
Vascular	<i>Coptidium lapponicum</i>	Lapland buttercup	S4	N5	-
Vascular	<i>Corallorhiza trifida</i>	early coralroot	S4	N5	-
Vascular	<i>Cystopteris fragilis</i>	fragile fern	S5	N5	-
Vascular	<i>Dasiphora fruticosa</i>	shrubby cinquefoil	S4	N5	-
Vascular	<i>Deschampsia cespitosa</i>	tufted hairgrass	S4	N5	-
Vascular	<i>Descurainia sophioides</i>	northern tansey mustard	S4	N5	-
Vascular	<i>Diapensia lapponica</i>	lapland diapensia	S4	N5	-
Vascular	<i>Diphasiastrum alpinum</i>	alpine clubmoss	S3	N5	Yes

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Diphasiastrum complanatum</i>	northern ground-cedar	S4	N5	-
Vascular	<i>Draba alpina</i>	alpine draba	S4	N4	-
Vascular	<i>Draba cana</i>	hoary draba	SNR	N5	-
Vascular	<i>Draba glabella</i>	smooth draba	S5	N5	-
Vascular	<i>Draba juvenilis</i>	long-stalked draba	S3	N5	Yes
Vascular	<i>Draba lactea</i>	milky draba	S5	N5	-
Vascular	<i>Draba nivalis</i>	snow draba	S5	N5	-
Vascular	<i>Draba</i> sp.	draba species	N/A	N/A	-
Vascular	<i>Dryas drummondii</i>	Drummond's mountain avens	SNR	N5	-
Vascular	<i>Dryas integrifolia</i>	entire-leaved mountain-avens	S5	N5	-
Vascular	<i>Dryopteris fragrans</i>	fragrant wood fern	S5	N5	-
Vascular	<i>Dupontia fisheri</i>	Fisher's tundra grass	S5	N5	-
Vascular	<i>Eleocharis palustris</i>	common spikerush	S3	N5	Yes
Vascular	<i>Elymus trachycaulus</i>	slender wild rye	S2	N5	Yes
Vascular	<i>Elymus violaceus</i>	high wild rye	S4	N5	-
Vascular	<i>Empetrum nigrum</i>	black crowberry	S5	N5	-
Vascular	<i>Empetrum nigrum</i>	black crowberry	S5	N5	-
Vascular	<i>Epilobium palustre</i>	marsh willowherb	S4	N5	-
Vascular	<i>Epilobium</i> sp.	willowherb species	N/A	N/A	-
Vascular	<i>Equisetum arvense</i>	field horsetail	S5	N5	-
Vascular	<i>Equisetum fluviatile</i>	water horsetail	S4	N5	-
Vascular	<i>Equisetum palustre</i>	marsh horsetail	S3	N5	Yes
Vascular	<i>Equisetum scirpoides</i>	dwarf scouring-rush	S4	N5	-
Vascular	<i>Equisetum sylvaticum</i>	woodland horsetail	S4	N5	-
Vascular	<i>Equisetum variegatum</i>	variegated scouring-rush	S5	N5	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Erigeron humilis</i>	low fleabane	S4	N5	-
Vascular	<i>Erigeron</i> sp.	fleabane species	N/A	N/A	-
Vascular	<i>Erigeron uniflorus</i> ssp. <i>eriocephalus</i>	one-flowered fleabane	SU	N5	-
Vascular	<i>Eriophorum angustifolium</i>	narrow-leaved cottongrass	S5	N5	-
Vascular	<i>Eriophorum brachyantherum</i>	Short-anther Cottongrass	S4	N5	-
Vascular	<i>Eriophorum gracile</i>	slender cottongrass	SU	N5	-
Vascular	<i>Eriophorum russeolum</i>	russet cottongrass	S4	N5	-
Vascular	<i>Eriophorum scheuchzeri</i>	Scheuchzer's cottongrass	S5	N5	-
Vascular	<i>Eriophorum</i> sp.	cottongrass species	N/A	N/A	-
Vascular	<i>Eriophorum vaginatum</i>	tussock cottongrass	S5	N5	-
Vascular	<i>Erysimum pallasii</i>	Pallas' wallflower	S4	N4N5	-
Vascular	<i>Eurybia sibirica</i>	Siberian aster	S4	N5	-
Vascular	<i>Eutrema edwardsii</i>	Edward's mock wallflower	S5	N5	-
Vascular	<i>Festuca brachyphylla</i>	short-leaved fescue	S5	N5	-
Vascular	<i>Festuca rubra</i>	red fescue	S4	NNR	-
Vascular	<i>Festuca rubra</i> ssp. <i>arctica</i>	arctic red fescue	S4	N5	-
Vascular	<i>Festuca saximontana</i>	Rocky Mountain fescue	S3	N5	Yes
Vascular	<i>Festuca</i> sp.	fescue species	N/A	N/A	-
Vascular	<i>Galium trifidum</i>	three-petalled bedstraw	S4	N5	-
Vascular	<i>Gentianella propinqua</i>	four-parted gentian	S4	N5	-
Vascular	<i>Geum</i> sp.	avens species	N/A	N/A	-
Vascular	<i>Hedysarum americanum</i>	alpine hedysarum	S4	N5	-
Vascular	<i>Hedysarum boreale</i>	northern hedysarum	S4	N5	-
Vascular	<i>Hedysarum boreale</i> ssp. <i>mackenziei</i>	Mackenzie's hedysarum	S4	N5	-
Vascular	<i>Hedysarum</i> sp.	hedysarum species	N/A	N/A	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Hippuris vulgaris</i>	common mare's-tail	S4	N5	-
Vascular	<i>Honckenya peploides</i>	seabeach sandwort	S4	N5	-
Vascular	<i>Huperzia selago</i>	northern firmoss	S4	NNR	-
Vascular	<i>Isoetes echinospora</i>	spiny-spored quillwort	SNR	N5	-
Vascular	<i>Juncus arcticus</i>	arctic rush	S4	NNR	-
Vascular	<i>Juncus balticus</i>	Baltic rush	SU	N5	-
Vascular	<i>Juncus biglumis</i>	two-glumed rush	S5	N5	-
Vascular	<i>Juncus castaneus</i>	chestnut rush	S4	N5	-
Vascular	<i>Juncus filiformis</i>	thread rush	SH	N5	Yes
Vascular	<i>Juncus</i> sp.	rush species	N/A	N/A	-
Vascular	<i>Juncus stygius</i>	moor rush	SNR	N5	-
Vascular	<i>Juncus triglumis</i>	three-flowered rush	S4	N5	-
Vascular	<i>Kalmia polifolia</i>	pale bog laurel	S4	N5	-
Vascular	<i>Kalmia procumbens</i>	alpine azalea	S4	N5	-
Vascular	<i>Koeleria spicata</i>	narrow false oats	S5	N5	-
Vascular	<i>Lathyrus japonicus</i>	beach pea	S3	N5	Yes
Vascular	<i>Leymus mollis</i>	sea lymegrass	S4	N5	-
Vascular	<i>Leymus mollis</i> ssp. <i>mollis</i>	sea lymegrass	SNR	N5	-
Vascular	<i>Linnaea borealis</i>	twinflor	S3	N5	Yes
Vascular	<i>Lupinus arcticus</i>	arctic lupine	S3	N5	Yes
Vascular	<i>Luzula confusa</i>	northern woodrush	S5	N5	-
Vascular	<i>Luzula groenlandica</i>	Greenland woodrush	S4	N4N5	-
Vascular	<i>Luzula multiflora</i>	many-flowered woodrush	S4	N5	-
Vascular	<i>Luzula nivalis</i>	arctic woodrush	S5	N5	-
Vascular	<i>Luzula parviflora</i>	small-flowered woodrush	S4	N5	-

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Vascular	<i>Luzula</i> sp.	woodrush species	N/A	N/A	-
Vascular	<i>Luzula spicata</i>	spiked woodrush	S4	N5	-
Vascular	<i>Luzula wahlenbergii</i>	Wahlenberg's woodrush	S4	NNR	-
Vascular	<i>Lycopodium lagopus</i>	one-cone clubmoss	SU	N5	-
Vascular	<i>Lycopodium</i> sp.	clubmoss sp.	N/A	N/A	-
Vascular	<i>Mertensia maritima</i>	oysterleaf	S4	N5	-
Vascular	<i>Micranthes foliolosa</i>	leafy saxifrage	S5	N5	-
Vascular	<i>Micranthes nelsoniana</i>	Nelson's saxifrage	S3	N5	Yes
Vascular	<i>Micranthes nivalis</i>	snow saxifrage	S5	N5	-
Vascular	<i>Micranthes tenuis</i>	slender saxifrage	S4	N5	-
Vascular	<i>Minuartia</i> sp.	stitchwort species	N/A	N/A	-
Vascular	<i>Orthilia secunda</i>	one-sided wintergreen	S4	N5	-
Vascular	<i>Oxyria digyna</i>	mountain sorrel	S5	N5	-
Vascular	<i>Oxytropis arctica</i>	arctic locoweed	S4	N4	-
Vascular	<i>Oxytropis campestris</i>	field locoweed	S3	N5	Yes
Vascular	<i>Oxytropis deflexa</i>	nodding locoweed	S3	N5	Yes
Vascular	<i>Oxytropis maydelliana</i>	Maydell's locoweed	S4	N5	-
Vascular	<i>Oxytropis nigrescens</i>	blackish locoweed	S4	N5	-
Vascular	<i>Oxytropis</i> sp.	locoweed species	N/A	N/A	-
Vascular	<i>Papaver lapponicum</i>	Lapland poppy	S4	N4N5	-
Vascular	<i>Papaver radicum</i>	Icelandic-Scandinavian poppy	SNR	NU	-
Vascular	<i>Parnassia kotzebuei</i>	Kotzebue's grass-of-parnassus	S4	N5	-
Vascular	<i>Parnassia palustris</i>	marsh grass-of-parnassus	S4	N5	-
Vascular	<i>Pedicularis capitata</i>	capitate lousewort	S5	N5	-
Vascular	<i>Pedicularis labradorica</i>	Labrador lousewort	S4	N5	-

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Vascular	<i>Pedicularis lanata</i>	woolly lousewort	S4	N5	-
Vascular	<i>Pedicularis langsdorfii</i>	Langsdorff's lousewort	S4	N5	-
Vascular	<i>Pedicularis langsdorfii</i> ssp. <i>arctica</i>	arctic lousewort	SU	N5	-
Vascular	<i>Pedicularis lapponica</i>	Lapland lousewort	S4	N5	-
Vascular	<i>Pedicularis parviflora</i>	small-flowered lousewort	S3	N5	Yes
Vascular	<i>Pedicularis</i> sp.	lousewort species	N/A	N/A	-
Vascular	<i>Pedicularis sudetica</i>	Sudetan lousewort	S5	N5	-
Vascular	<i>Petasites frigidus</i>	arctic sweet coltsfoot	S4	N5	-
Vascular	<i>Petasites frigidus</i> var. <i>sagittatus</i>	arrow-leaved coltsfoot	SNR	N5	-
Vascular	<i>Phegopteris connectilis</i>	northern beech fern	SNR	N5	-
Vascular	<i>Phippsia concinna</i>	snowgrass	S4	N4	-
Vascular	<i>Phyllodoce caerulea</i>	purple mountain heather	S4	N5	-
Vascular	<i>Physaria arctica</i>	arctic bladderpod	S5	N5	-
Vascular	<i>Pinguicula villosa</i>	hairy butterwort	S4	N5	-
Vascular	<i>Pinguicula vulgaris</i>	hairy butterwort	S4	N5	-
Vascular	<i>Platanthera obtusata</i>	blunt-leaved orchid	S4	N5	-
Vascular	<i>Poa arctica</i>	arctic bluegrass	S5	N5	-
Vascular	<i>Poa glauca</i>	glaucous bluegrass	S5	N5	-
Vascular	<i>Poa pratensis</i>	Kentucky bluegrass	S4	N5	-
Vascular	<i>Poa pratensis</i> ssp. <i>alpigena</i>	alpine meadow bluegrass	SNR	N5	-
Vascular	<i>Poa</i> sp.	bluegrass species	N/A	N/A	-
Vascular	<i>Potentilla anserina</i> ssp. <i>groenlandica</i>	Greenland silverweed	SU	NNR	-
Vascular	<i>Potentilla hyparctica</i>	arctic cinquefoil	S5	N5	-
Vascular	<i>Potentilla nivea</i>	snow cinquefoil	S4	N5	-
Vascular	<i>Potentilla pulchella</i>	pretty cinquefoil	SU	N4N5	-

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Vascular	<i>Potentilla rubricaulis</i>	red-stemmed cinquefoil	SNR	N4	-
Vascular	<i>Potentilla</i> sp.	potentilla species	N/A	N/A	-
Vascular	<i>Potentilla vahliana</i>	Vahl's cinquefoil	S4	N4	-
Vascular	<i>Primula egaliksensis</i>	Greenland primrose	S3	N5	Yes
Vascular	<i>Primula stricta</i>	upright primrose	S4	N4N5	-
Vascular	<i>Puccinellia andersonii</i>	Anderson's alkaligrass	S4	N4N5	-
Vascular	<i>Puccinellia nuttalliana</i>	Nuttall's alkaligrass	S4	N5	-
Vascular	<i>Puccinellia phryganodes</i>	creeping alkaligrass	S5	N5	-
Vascular	<i>Puccinellia tenella</i>	tundra alkaligrass	S4	N5	-
Vascular	<i>Puccinellia vaginata</i>	tussock alkaligrass	S4	N5	-
Vascular	<i>Pyrola asarifolia</i>	pink pyrola	S3	N5	Yes
Vascular	<i>Pyrola chlorantha</i>	green-flowered pyrola	S2	N5	Yes
Vascular	<i>Pyrola grandiflora</i>	arctic pyrola	S4	N5	-
Vascular	<i>Pyrola minor</i>	lesser pyrola	S4	N5	-
Vascular	<i>Pyrola</i> sp.	pyrola species	N/A	N/A	-
Vascular	<i>Ranunculus arcticus</i>	northern buttercup	S4	NNR	-
Vascular	<i>Ranunculus flammula</i>	lesser spearwort	S4	N5	-
Vascular	<i>Ranunculus gmelinii</i>	Gmelin's buttercup	S4	N5	-
Vascular	<i>Ranunculus hyperboreus</i>	far-northern buttercup	S5	N5	-
Vascular	<i>Ranunculus nivalis</i>	snow buttercup	S4	N5	-
Vascular	<i>Ranunculus pygmaeus</i>	pygmy buttercup	S4	N5	-
Vascular	<i>Ranunculus</i> sp.	buttercup species	N/A	N/A	-
Vascular	<i>Ranunculus trichophyllus</i>	thread-leaved water-crowfoot	S4	N5	-
Vascular	<i>Rhododendron groenlandicum</i>	common Labrador tea	S4	N5	-
Vascular	<i>Rhododendron lapponicum</i>	Lapland rosebay	S5	N5	-

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Vascular	<i>Rhododendron tomentosum</i>	northern Labrador tea	S5	N5	-
Vascular	<i>Rubus arcticus</i>	arctic raspberry	S4	N5	-
Vascular	<i>Rubus chamaemorus</i>	cloudberry	S4	N5	-
Vascular	<i>Rubus chamaemorus</i>	cloudberry	S4	N5	-
Vascular	<i>Rumex arcticus</i>	arctic dock	S3	N5	Yes
Vascular	<i>Rumex</i> sp.	dock species	N/A	N/A	-
Vascular	<i>Sabulina rubella</i>	reddish stitchwort	S5	N5	-
Vascular	<i>Sagina caespitosa</i>	tufted pearlwort	S4	N4	-
Vascular	<i>Salix alaxensis</i>	Alaska willow	S4	N4	-
Vascular	<i>Salix arbusculoides</i>	little-tree willow	S4	N4	-
Vascular	<i>Salix arctica</i>	arctic willow	S4S5	N5	-
Vascular	<i>Salix arctica x glauca</i>	-	SNR	NNR	-
Vascular	<i>Salix arctophila</i>	northern willow	S4S5	N5	-
Vascular	<i>Salix brachycarpa</i>	short-capsuled willow	S3	N5	Yes
Vascular	<i>Salix calcicola</i>	limestone willow	S4	N4N5	-
Vascular	<i>Salix fuscescens</i>	Alaska bog willow	S4	N5	-
Vascular	<i>Salix glauca</i>	grey-leaved willow	S5	N5	-
Vascular	<i>Salix glauca</i> var. <i>cordifolia</i>	beautiful willow	SNR	N5	-
Vascular	<i>Salix glauca x pulchra</i>	-	SNR	NNR	-
Vascular	<i>Salix herbacea</i>	snowbed willow	S5	N5	-
Vascular	<i>Salix niphoclada</i>	barrenground willow	S4	N5	-
Vascular	<i>Salix ovalifolia</i>	oval-leaved willow	S2S3	N3	Yes
Vascular	<i>Salix planifolia</i>	tea-leaved willow	SNR	N5	-
Vascular	<i>Salix planifolia x pulchra</i>	-	SNR	NNR	-
Vascular	<i>Salix pulchra</i>	diamond-leaved willow	S3S4	N5	Yes

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Vascular	<i>Salix reticulata</i>	net-veined willow	S5	N5	-
Vascular	<i>Salix richardsonii</i>	Richardson's willow	S5	N5	-
Vascular	<i>Salix</i> sp.	willow species	N/A	N/A	-
Vascular	<i>Salix sphenophylla</i>	wedge-leaved willow	SNR	N2	Yes
Vascular	<i>Salix tyrrellii</i>	Tyrrell's willow	S4	N4	-
Vascular	<i>Saussurea angustifolia</i>	narrow-leaved sawwort	S4	N5	-
Vascular	<i>Saxifraga cernua</i>	nodding saxifrage	S5	N5	-
Vascular	<i>Saxifraga cespitosa</i>	tufted saxifrage	S5	N5	-
Vascular	<i>Saxifraga hirculus</i>	yellow marsh saxifrage	S5	N4N5	-
Vascular	<i>Saxifraga oppositifolia</i>	purple mountain saxifrage	S5	N5	-
Vascular	<i>Saxifraga rivularis</i>	alpine brook saxifrage	S4	N4N5	-
Vascular	<i>Saxifraga tricuspidata</i>	three-toothed saxifrage	S5	N5	-
Vascular	<i>Scirpus</i> sp.	bulrush species	N/A	N/A	-
Vascular	<i>Senecio</i> sp.	groundsel species	N/A	N/A	-
Vascular	<i>Sibbaldia procumbens</i>	creeping sibbaldia	S4	N5	-
Vascular	<i>Silene acaulis</i>	moss campion	S5	N5	-
Vascular	<i>Silene involucrata</i>	arctic catchfly	S5	NNR	-
Vascular	<i>Silene involucrata</i> ssp. <i>involucrata</i>	greater arctic campion	SNR	NNR	-
Vascular	<i>Silene ostenfeldii</i>	Ostenfeld's catchfly	S3	N4	Yes
Vascular	<i>Silene uralensis</i>	nodding catchfly	S5	NNR	-
Vascular	<i>Sparganium hyperboreum</i>	northern burreed	S4	N5	-
Vascular	<i>Sparganium natans</i>	small burreed	SU	N5	-
Vascular	<i>Sparganium</i> sp.	burreed species	N/A	N/A	-
Vascular	<i>Spinulum annotinum</i>	stiff clubmoss	S5	N5	-
Vascular	<i>Spiraea</i> sp.	meadowsweet sp.	N/A	N/A	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Vascular	<i>Spiraea stevenii</i>	Steven's meadowsweet	SNR	N5	-
Vascular	<i>Stellaria crassifolia</i>	fleshy starwort	S4	N5	-
Vascular	<i>Stellaria humifusa</i>	saltmarsh starwort	S4	N5	-
Vascular	<i>Stellaria longipes</i>	long-stalked starwort	S5	N5	-
Vascular	<i>Stellaria longipes</i> ssp. <i>longipes</i>	long-stalked starwort	S5	N5	-
Vascular	<i>Stellaria</i> sp.	starwort species	N/A	N/A	-
Vascular	<i>Subularia aquatica</i>	water awlwort	SH	N5	Yes
Vascular	<i>Symphotrichum pygmaeum</i>	pygmy aster	S4	N4	-
Vascular	<i>Taraxacum ceratophorum</i>	horned dandelion	S4	NNR	-
Vascular	<i>Taraxacum lapponicum</i>	Lapland dandelion	S3	N4	Yes
Vascular	<i>Taraxacum officinale</i>	dandelion	SNA	N5	-
Vascular	<i>Taraxacum</i> sp.	dandelion sp.	N/A	N/A	-
Vascular	<i>Tephrosieris frigida</i>	purple-haired groundsel	S4	N5	-
Vascular	<i>Tephrosieris palustris</i>	marsh groundsel	S4	N5	-
Vascular	<i>Tofieldia coccinea</i>	northern tofieldia	S4	N5	-
Vascular	<i>Tofieldia pusilla</i>	small tofieldia	S4	N5	-
Vascular	<i>Trichophorum cespitosum</i>	tufted clubrush	S4	N5	-
Vascular	<i>Tripleurospermum maritimum</i>	seaside chamomile	S4	N4	-
Vascular	<i>Vaccinium oxycoccos</i>	small cranberry	SNR	N5	-
Vascular	<i>Vaccinium uliginosum</i>	bog bilberry	S5	N5	-
Vascular	<i>Vaccinium vitis-idaea</i>	mountain cranberry	S5	N5	-
Vascular	<i>Vahlodea atropurpurea</i>	mountain hairgrass	SH	N5	Yes
Vascular	<i>Viola palustris</i>	alpine marsh violet	SU	N5	-
Vascular	<i>Viola renifolia</i>	kidney-leaved violet	S3	N5	Yes
Vascular	<i>Viola</i> sp.	violet species	N/A	N/A	-

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Vascular	<i>Woodsia glabella</i>	smooth woodsia	S5	N5	-
Vascular	<i>Woodsia</i> sp.	cliff fern species	N/A	N/A	-
Bryophyte	<i>Aloina</i> sp.	screw moss species	N/A	N/A	-
Bryophyte	<i>Andreaea rupestris</i>	black rock moss	S4	N5	-
Bryophyte	<i>Aneura pinguis</i>	small greasewort	S2S4	N5	Yes
Bryophyte	<i>Aplodon wormskioldii</i>	carrion moss	S3S4	N4	Yes
Bryophyte	<i>Atrichum tenellum</i>	slender smoothcap moss	SNR	N4N5	-
Bryophyte	<i>Aulacomnium acuminatum</i>	acutetip groove moss	S3	N4N5	Yes
Bryophyte	<i>Aulacomnium palustre</i>	ribbed bog moss	S4	N5	-
Bryophyte	<i>Aulacomnium</i> sp.	aulacomnium species	N/A	N/A	-
Bryophyte	<i>Aulacomnium turgidum</i>	Turgid aulacomnium Moss	S4	N5	-
Bryophyte	<i>Barbilophozia barbata</i>	bearded pawwort	SU	N5	-
Bryophyte	<i>Blepharostoma trichophyllum</i>	hairy threadwort	S3S4	N5	Yes
Bryophyte	<i>Brachythecium cirrosum</i>	tendril feather moss	S3S4	N4N5	Yes
Bryophyte	<i>Brachythecium</i> sp.	ragged moss species	N/A	N/A	-
Bryophyte	<i>Brachythecium turgidum</i>	thick ragged moss	S3S4	N5	Yes
Bryophyte	<i>Bryum</i> sp.	bryum moss species	N/A	N/A	-
Bryophyte	<i>Calliergon giganteum</i>	giant spear moss	S3S4	N5	Yes
Bryophyte	<i>Campylium stellatum</i>	yellow starry fen moss	S3S4	N5	Yes
Bryophyte	<i>Cephaloziella varians</i>	arctic threadwort	S2S4	NU	Yes
Bryophyte	<i>Ceratodon purpureus</i>	red roof moss	S4	N5	-
Bryophyte	<i>Cinclidium arcticum</i>	arctic cinclidium moss	S4	N4N5	-
Bryophyte	<i>Cinclidium stygium</i>	sooty cupola moss	S1S3	N5	Yes
Bryophyte	<i>Cinclidium subrotundum</i>	ovate cupola moss	S3S4	N4N5	Yes
Bryophyte	<i>Climacium dendroides</i>	northern tree moss	SU	N5	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Bryophyte	<i>Dicranum acutifolium</i>	sharp-leaved broom moss	S2	N5	Yes
Bryophyte	<i>Dicranum elongatum</i>	long-forked broom moss	S4	N5	-
Bryophyte	<i>Dicranum groenlandicum</i>	mountain broom moss	S3S4	N5	Yes
Bryophyte	<i>Dicranum scoparium</i>	common broom moss	SU	N5	-
Bryophyte	<i>Dicranum</i> sp.	broom moss species	N/A	N/A	-
Bryophyte	<i>Distichium capillaceum</i>	erect-fruited iris moss	S4	N5	-
Bryophyte	<i>Ditrichum flexicaule</i>	flexible cow-hair moss	S4	N5	-
Bryophyte	<i>Fissidens</i> sp.	pocket moss species	N/A	N/A	-
Bryophyte	<i>Fuscocephaloziopsis lunulifolia</i>	moon-leaved pincerwort	SU	N5	-
Bryophyte	<i>Grimmia</i> sp.	grimmia moss species	N/A	N/A	-
Bryophyte	<i>Hamatocaulis</i> sp.	hook moss species	N/A	N/A	-
Bryophyte	<i>Hamatocaulis vernicosus</i>	varnished hook moss	S2	N5	Yes
Bryophyte	<i>Hylocomium splendens</i>	stairstep moss	S4	N5	-
Bryophyte	<i>Hypnum revolutum</i>	revolute plait moss	S4	N5	-
Bryophyte	<i>Lepidozia reptans</i>	creeping fingerwort	SNR	N5	-
Bryophyte	<i>Liverwort</i> sp.	Liverwort species	N/A	N/A	-
Bryophyte	<i>Lophozia</i> sp.	notchwort species	N/A	N/A	-
Bryophyte	<i>Lophozia ventricosa</i>	tumid notchwort	SU	N5	-
Bryophyte	<i>Marchantia</i> sp.	liverwort species	N/A	N/A	-
Bryophyte	<i>Meesia triquetra</i>	three-ranked cold moss	S3S4	N5	Yes
Bryophyte	<i>Meesia uliginosa</i>	swamp thread moss	S4	N5	-
Bryophyte	<i>Mnium</i> sp.	leafy moss species	N/A	N/A	-
Bryophyte	<i>Moss</i> sp.	moss species	N/A	N/A	-
Bryophyte	<i>Mylia</i> sp.	flapwort species	N/A	N/A	-
Bryophyte	<i>Myurella tenerrima</i>	dwarf mousetail moss	S4	N5	-

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Bryophyte	<i>Neoorthis attenuatus</i>	spiked pawwort	SU	N5	-
Bryophyte	<i>Oncophorus wahlenbergii</i>	Wahlenberg's spur moss	S3S4	N5	Yes
Bryophyte	<i>Orthothecium chryseum</i>	golden erect-capsule moss	S4	N5	-
Bryophyte	<i>Orthotrichum</i> sp.	bristle moss species	N/A	N/A	-
Bryophyte	<i>Plagiomnium cuspidatum</i>	woody leafy moss	SU	N5	-
Bryophyte	<i>Plagiomnium</i> sp.	leafy moss species	N/A	N/A	-
Bryophyte	<i>Plagiopus oederianus</i>	Oeder's apple moss	SU	N5	-
Bryophyte	<i>Pleurozium schreberi</i>	red-stemmed fleather moss	S1S2	N5	Yes
Bryophyte	<i>Pogonatum urnigerum</i>	urn hair moss	S3	N5	Yes
Bryophyte	<i>Pohlia nutans</i>	common nodding moss	S3S4	N5	Yes
Bryophyte	<i>Pohlia</i> sp.	nodding moss species	N/A	N/A	-
Bryophyte	<i>Polytrichastrum alpinum</i>	alpine haircap moss	S4	N5	-
Bryophyte	<i>Polytrichastrum sexangulare</i>	northern haircap moss	SU	N4N5	-
Bryophyte	<i>Polytrichum commune</i>	common haircap moss	SNR	N5	-
Bryophyte	<i>Polytrichum jensenii</i>	Jensen's haircap moss	SU	NU	-
Bryophyte	<i>Polytrichum juniperinum</i>	juniper haircap moss	S4	N5	-
Bryophyte	<i>Polytrichum piliferum</i>	bristly haircap moss	S3S4	N5	Yes
Bryophyte	<i>Polytrichum</i> sp.	haircap moss species	N/A	N/A	-
Bryophyte	<i>Polytrichum strictum</i>	bog haircap moss	S4	N5	-
Bryophyte	<i>Polytrichum swartzii</i>	Swartz's haircap moss	S1S3	N4	Yes
Bryophyte	<i>Porella</i> sp.	scalewort species	N/A	N/A	-
Bryophyte	<i>Psilopilum cavifolium</i>	little wolverine moss	S3	N5	Yes
Bryophyte	<i>Ptilidium ciliare</i>	ciliate fringewort	S3S4	N5	Yes
Bryophyte	<i>Ptilidium pulcherrimum</i>	Naugehyde liverwort	SNR	N5	-
Bryophyte	<i>Ptilidium</i> sp.	fringewort species	N/A	N/A	-

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Bryophyte	<i>Ptychostomum arcticum</i>	arctic bryum	S1S3	NU	Yes
Bryophyte	<i>Racomitrium lanuginosum</i>	hoary rock moss	S4	N5	-
Bryophyte	<i>Racomitrium</i> sp.	rock moss sp.	S4	N5	-
Bryophyte	<i>Rhytidium rugosum</i>	wrinkle-leaved moss	S3	N5	Yes
Bryophyte	<i>Sanionia uncinata</i>	sickle-leaved hook moss	S4	N5	-
Bryophyte	<i>Sarmentypnum exannulatum</i>	ringless hook moss	S3	N5	Yes
Bryophyte	<i>Scapania paludicola</i>	bog earwort	SNR	N4N5	-
Bryophyte	<i>Scapania</i> sp.	liverwort	N/A	N/A	-
Bryophyte	<i>Schljakovianthus quadrilobus</i>	four-fingered pawwort	SU	N4	-
Bryophyte	<i>Scorpidium cossonii</i>	Cosson's hook moss	SU	N5	-
Bryophyte	<i>Scorpidium revolvens</i>	limprichtia moss	S4	N5	-
Bryophyte	<i>Scorpidium scorpioides</i>	hooked scorpion moss	S3S4	N5	Yes
Bryophyte	<i>Scorpidium</i> sp.	earwort species	N/A	N/A	-
Bryophyte	<i>Sphagnum angustifolium</i>	narrowleaf peatmoss	SNR	N5	-
Bryophyte	<i>Sphagnum capillifolium</i>	northern peatmoss	SU	N5	-
Bryophyte	<i>Sphagnum fallax</i>	flat-top bogmoss	SNR	N5	-
Bryophyte	<i>Sphagnum fuscum</i>	brown peatmoss	SU	N5	-
Bryophyte	<i>Sphagnum girgensohnii</i>	Girgensohn's peatmoss	SU	N5	-
Bryophyte	<i>Sphagnum lindbergii</i>	Lindberg's sphagnum moss	S1S3	N5	Yes
Bryophyte	<i>Sphagnum magellanicum</i>	Magellan's peat moss	SNR	N5	-
Bryophyte	<i>Sphagnum orientale</i>	oriental peatmoss	S1S2	NU	Yes
Bryophyte	<i>Sphagnum riparium</i>	streamside peat moss	SNR	N5	-
Bryophyte	<i>Sphagnum russowii</i>	Russow's peatmoss	S2	N5	Yes
Bryophyte	<i>Sphagnum</i> sp.	peatmoss species	N/A	N/A	-
Bryophyte	<i>Sphagnum squarrosum</i>	squarrose peatmoss	S1S3	N5	Yes

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Bryophyte	<i>Sphagnum subnitens</i>	lustrous peat moss	SNR	N4N5	-
Bryophyte	<i>Sphagnum subsecundum</i>	orange peat moss	SNR	N5	-
Bryophyte	<i>Sphagnum teres</i>	rigid peat moss	SU	N5	-
Bryophyte	<i>Syntrichia ruralis</i>	sidewalk screw moss	S4	N5	-
Bryophyte	<i>Syzygiella autumnalis</i>	Jameson's liverwort	SNR	N5	-
Bryophyte	<i>Tayloria</i> sp.	trumpet moss species	N/A	N/A	-
Bryophyte	<i>Tetraplodon</i> sp.	nitrogen moss species	N/A	N/A	-
Bryophyte	<i>Thalloid</i> sp.	Thalloid species	N/A	N/A	-
Bryophyte	<i>Tomentypnum nitens</i>	golden fuzzy fen moss	S4	N5	-
Bryophyte	<i>Voitia</i> sp.	Voit's moss species	N/A	N/A	-
Lichen	<i>Alectoria ochroleuca</i>	green witch's hair lichen	S5	N5	-
Lichen	<i>Alectoria</i> species	witch's hair lichen species	N/A	N/A	-
Lichen	<i>Arctoparmelia centrifuga</i>	concentric ring lichen	S5	N5	-
Lichen	<i>Bare ground lichen</i> sp.	Bare ground lichen species	N/A	N/A	-
Lichen	<i>Bryocaulon divergens</i>	heath foxhair lichen	S4S5	N5	-
Lichen	<i>Bryocaulon</i> sp.	foxhair lichen species	N/A	N/A	-
Lichen	<i>Cetraria ericetorum</i> ssp. <i>reticulata</i>	net-forming Iceland lichen	SNR	N5	-
Lichen	<i>Cetraria islandica</i> ssp. <i>islandica</i>	Iceland lichen	SNR	N5	-
Lichen	<i>Cetraria</i> species	Iceland lichen species	N/A	N/A	-
Lichen	<i>Cladonia bellidiflora</i>	toy soldiers	S4S5	N5	-
Lichen	<i>Cladonia coccifera</i>	madame pixie lichen	S5	N5	-
Lichen	<i>Cladonia gracilis</i> ssp. <i>elongata</i>	black-footed lichen	SU	N5	-
Lichen	<i>Cladonia mitis</i>	reindeer lichen	S5	N5	-
Lichen	<i>Cladonia rangiferina</i>	reindeer cup lichen	S5	N5	-
Lichen	<i>Cladonia</i> species	club lichen species	N/A	N/A	-

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Appendix E: Plant Species Lists
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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Lichen	<i>Cladonia stellaris</i>	star-tipped cup lichen	S4S5	N5	-
Lichen	<i>Crustose lichen sp.</i>	Crustose lichen species	N/A	N/A	-
Lichen	<i>Dactylina arctica</i>	arctic finger lichen	S5	N5	-
Lichen	<i>Flavocetraria cucullata</i>	curled snow lichen	S5	N5	-
Lichen	<i>Flavocetraria nivalis</i>	crinkled snow lichen	S5	N5	-
Lichen	<i>Flavocetraria species</i>	snow lichen species	N/A	N/A	-
Lichen	<i>Gowardia nigricans</i>	grey witch's-beard lichen	S5	N5	-
Lichen	<i>Icmadophila ericetorum</i>	fairy puke lichen	S4	N5	-
Lichen	<i>Lepra dactylina</i>	finger wart lichen	S5	N5	-
Lichen	<i>Lepra sp.</i>	lichen species	N/A	N/A	-
Lichen	<i>Leptogium sp.</i>	jelly lichen species	N/A	N/A	-
Lichen	<i>Lichen sp.</i>	Lichen species	N/A	N/A	-
Lichen	<i>Masonhalea richardsonii</i>	arctic tumbleweed lichen	S3S4	N5	Yes
Lichen	<i>Nephroma arcticum</i>	arctic kidney lichen	S4	N5	-
Lichen	<i>Ophioparma lapponica</i>	Lapland bloodspot lichen	S4	NNR	-
Lichen	<i>Peltigera aphthosa</i>	common freckle pelt lichen	S5	N5	-
Lichen	<i>Peltigera malacea</i>	veinless pelt lichen	S4	N5	-
Lichen	<i>Peltigera species</i>	pelt lichen species	N/A	N/A	-
Lichen	<i>Pseudephebe pubescens</i>	finer rockwool lichen	S4	N5	-
Lichen	<i>Rhizocarpon geographicum</i>	yellow map lichen	S5	N5	-
Lichen	<i>Rusavskia elegans</i>	elegant sunburst lichen	S5	N5	-
Lichen	<i>Stereocaulon alpinum</i>	alpine foam lichen	S5	N5	-
Lichen	<i>Stereocaulon species</i>	foam lichen species	N/A	N/A	-
Lichen	<i>Stereocaulon tomentosum</i>	woolly foam lichen	S3S4	N5	Yes
Lichen	<i>Thamnotia subuliformis</i>	whiteworm lichen	S5	N5	-

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Type	Scientific Name	Common Name	Subnational Rank ²	National Rank ¹	SOCC
Lichen	<i>Tremolecia atrata</i>	rusty-rock lichen	S5	N5	-
Lichen	<i>Umbilicaria species</i>	rocktripe lichen species	N/A	N/A	-
Lichen	<i>Umbilicaria vellea</i>	grizzled rocktripe lichen	S3S4	N5	Yes

Notes:

¹ Subnational ranks: S2 – imperiled, S3 – vulnerable, S4 – apparently secure, S5 – secure, SNR – unranked, S#S# - range rank (Master et al. 2012)

² National ranks: N2 – imperiled, N3 – vulnerable, N4 – apparently secure, N5 – secure, NNR – unranked, N#N# - range rank (Master et al. 2012)

³ MMG (2013a)

Source: Mulder (2024, pers. comm.); NatureServe 2025

E.2 Summary of SOCC Occurrences and Species Characteristics

Type	Scientific Name	Common Name	National Rank ¹	Sub-national Rank ²	Assessment Areas ⁴				Outside of RAA	Total	Habitat Description	Phenology	Form	Mode of Reproduction
					PDA	LAA	RAA	Subtotal						
Vascular	<i>Arctanthemum arcticum</i>	arctic daisy	N4	S3	-	-	-	-	1	1	-	perennial	forb	seed, vegetative
Vascular	<i>Arnica griscomii</i>	Griscom's arnica	N5	S3	3	2	0	5	0	5	sheltered steep slopes, raised beach sediments, drainage between rocks, bottom of rocky slope, snowbank associations	perennial	forb	seed, vegetative
Vascular	<i>Arnica lonchophylla</i>	long-leaved arnica	N4N5	SH	6	20	0	26	0	26	solifluction slopes, wetland edges, rocky outcrops, birch seeps, outwash exposed sandy soil, snowbank associations	perennial	forb	seed, vegetative
Vascular	<i>Betula occidentalis</i> ³	water birch	N5	S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	perennial	shrub/tree	seed
Vascular	<i>Bromus pumpellianus</i>	Pumpelly's brome	N5	S3S4	12	4	1	17	1	18	avens association on old Inuit camp	perennial	graminoid	seed, vegetative
Vascular	<i>Carex adelostoma</i>	circumpolar sedge	N4	S3	-	1	0	1	1	2	tussock sedge areas	perennial	graminoid	seed, vegetative
Vascular	<i>Carex canescens</i>	hoary sedge	N5	S3S4	-	-	1	1	6	7	-	perennial	graminoid	seed, vegetative
Vascular	<i>Cerastium cerastoides</i> ³	starwort chickweed	N3N4	SU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	perennial	forb	seed, vegetative
Vascular	<i>Diphasiastrum alpinum</i>	alpine clubmoss	N5	S3	-	-	-	0	1	1	-	perennial	forb	spore
Vascular	<i>Draba juvenilis</i>	long-stalked draba	N5	S3	1	-	-	1	0	1	birch seep, tall riparian shrub, esker wetland complex	perennial	forb	seed
Vascular	<i>Eleocharis palustris</i>	common spikerush	N5	S3	-	3	1	4	2	6	riparian tall shrub associations, areas dominated by tussock and non-tussock sedge species	perennial	graminoid	seed, vegetative
Vascular	<i>Elymus trachycaulus</i>	slender wildrye	N5	S2	-	1	0	1	0	1	exposed sand from wildlife diggings	perennial	graminoid	seed, vegetative
Vascular	<i>Equisetum palustre</i>	marsh horsetail	N5	S3	-	3	0	3	0	3	-	perennial	forb	spore
Vascular	<i>Festuca saximontana</i>	Rocky Mountain fescue	N5	S3	-	-	-	0	2	2	-	perennial	graminoid	seed
Vascular	<i>Juncus filiformis</i>	thread rush	N5	SH	-	-	-	0	2	2	-	perennial	graminoid	seed, vegetative
Vascular	<i>Lathyrus japonicus</i>	beach pea	N5	S3	7	1	0	8	0	8	marine shores, beaches, and coastal areas with gravel or sand substrates	perennial	forb	seed, vegetative
Vascular	<i>Linnaea borealis</i>	twinflor	N5	S3	-	-	-	0	13	13	birch seep and riparian tall shrub associations, esker wetland complex	perennial	shrub	seed, vegetative
Vascular	<i>Lupinus arcticus</i>	arctic lupine	N5	S3	-	-	1	1	0	1	-	perennial	forb	seed
Vascular	<i>Micranthes nelsoniana</i>	Nelson's saxifrage	N5	S3	3	17	10	30	1	31	snowbank associations, steep slopes, riparian areas, marine floodplains	perennial	forb	seed, vegetative
Vascular	<i>Oxytropis campestris</i>	field locoweed	N5	S3	-	1	0	1	0	1	graminoid dominant heath associations	perennial	forb	seed
Vascular	<i>Oxytropis deflexa</i>	nodding locoweed	N5	S3	3	3	4	10	2	12	snowbank associations, lichen veneer on sand or gravel glacial rebound beaches, heath tundra associations, raised floodplains with fine silt sediment	perennial	forb	seed
Vascular	<i>Pedicularis parviflora</i>	small-flowered lousewort	N5	S3	-	1	0	1	0	1	sandy beach of small lake in an esker complex	perennial (rarely annual, biennial)	forb	seed

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Type	Scientific Name	Common Name	National Rank ¹	Sub-national Rank ²	Assessment Areas ⁴				Outside of RAA	Total	Habitat Description	Phenology	Form	Mode of Reproduction
					PDA	LAA	RAA	Subtotal						
Vascular	<i>Primula egaliksensis</i>	Greenland primrose	N5	S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	perennial	forb	seed
Vascular	<i>Pyrola asarifolia</i>	pink pyrola	N5	S3	-	-	-	0	2	2	riparian area within rock outcrop	perennial	forb	seed, vegetative
Vascular	<i>Pyrola chlorantha</i>	green-flowered pyrola	N5	S2	-	1	1	2	0	2	hummocky and tussocky marine sediments	perennial	forb	seed, vegetative
Vascular	<i>Rumex arcticus</i>	arctic dock	N5	S3	22	10	11	43	1	44	marine tussock sedge associations, riparian willow associations, marine seasonal high tide areas, sand and gravel bar in a river channel	perennial	forb	seed, vegetative
Vascular	<i>Salix brachycarpa</i>	short-capsuled willow	N5	S3	-	1	1	2	0	2	-	perennial	shrub	seed, vegetative
Vascular	<i>Salix ovalifolia</i>	oval-leaved willow	N3	S2S3	-	1	0	1	0	1	-	perennial	shrub	seed, vegetative
Vascular	<i>Salix pulchra</i>	diamond-leaved willow	N5	S3S4	2	12	10	24	1	25	tussock sedge site colonized by shrubs, low shrub association, mixture of heath tundra and shrubs below a snowbank	perennial	shrub	seed, vegetative
Vascular	<i>Salix sphenophylla</i>	wedge-leaved willow	N2	SNR	-	1	0	1	0	1	-	perennial	shrub	seed, vegetative
Vascular	<i>Silene ostenfeldii</i>	Ostenfeld's catchfly	N4	S3	1	3	2	6	0	6	base of esker, lakeshore edge, alluvial fans, small depressional areas within lichen heath areas	perennial	forb	seed
Vascular	<i>Subularia aquatica</i>	water awlwort	N5	SH	-	-	-	0	1	1	esker wetland complex	annual	forb	seed
Vascular	<i>Vahlodea atropurpurea</i>	mountain hairgrass	N5	SH	-	1	0	1	0	1	non-tussock sedge association	perennial	graminoid	seed
Vascular	<i>Viola renifolia</i>	kidney-leaved violet	N5	S3	-	-	-	0	1	1	-	perennial	forb	seed
Bryophyte	<i>Aneura pinguis</i> ³	small greasewort	N5	S2S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	liverwort	spore
Bryophyte	<i>Aplodon wormskioldii</i> ³	carrion moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Aulacomnium acuminatum</i> ³	acutetip groove moss	N4N5	S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Blepharostoma trichophyllum</i> ³	a liverwort	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	liverwort	spore, vegetative
Bryophyte	<i>Brachythecium cirrosum</i> ³	tendril feather moss	N4N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Brachythecium turgidum</i> ³	thick ragged moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Calliergon giganteum</i> ³	giant spear moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Campylium stellatum</i> ³	yellow starry fen moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Cephaloziella varians</i> ³	arctic threadwort	NU	S2S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	liverwort	spore, vegetative
Bryophyte	<i>Cinclidium stygium</i> ³	sooty cupola moss	N5	S1S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Cinclidium subrotundum</i> ³	ovate cupola moss	N4N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Dicranum acutifolium</i> ³	sharp-leaved broom moss	N5	S2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Dicranum groenlandicum</i> ³	mountain broom moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Hamatocaulis vernicosus</i> ³	varnished hook moss	N5	S2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore, vegetative
Bryophyte	<i>Meesia triquetra</i> ³	three-ranked cold moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Oncophorus wahlenbergii</i> ³	Wahlenberg's spur moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore

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Type	Scientific Name	Common Name	National Rank ¹	Sub-national Rank ²	Assessment Areas ⁴				Outside of RAA	Total	Habitat Description	Phenology	Form	Mode of Reproduction
					PDA	LAA	RAA	Subtotal						
Bryophyte	<i>Pleurozium schreberi</i>	red-stemmed feather moss	N5	S1S2	1	1	2	4	0	4	esker complex wetland, birch associated with water flowing between boulders, seep below snowbank association	-	moss	spore, vegetative
Bryophyte	<i>Pogonatum urnigerum</i>	urn hair moss	N5	S3	-	1	0	1	0	1	-	-	moss	spore, vegetative
Bryophyte	<i>Pohlia nutans</i> ³	common nodding moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Polytrichum piliferum</i> ³	bristly haircap moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Polytrichum strictum</i> ³	bog haircap moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Polytrichum swartzii</i> ³	Swartz's haircap moss	N4	S1S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Psilopilum cavifolium</i> ³	little wolverine moss	N5	S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Ptilidium ciliare</i> ³	ciliate fringewort	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	liverwort	spore, vegetative
Bryophyte	<i>Ptychostomum arcticum</i>	arctic bryum	NU	S1S3	-	1	0	1	0	1	-	-	moss	spore
Bryophyte	<i>Rhytidium rugosum</i> ³	wrinkle-leaved moss	N5	S3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore, vegetative
Bryophyte	<i>Sarmentypnum exannulatum</i>	ringless hook moss	N5	S3	-	-	1	1	0	1	-	-	moss	spore, vegetative
Bryophyte	<i>Scorpidium scorpioides</i> ³	hooked scorpion moss	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore
Bryophyte	<i>Sphagnum lindbergii</i>	Lindberg's peatmoss	N5	S1S3	-	2	0	2	1	3	-	-	moss	spore, vegetative
Bryophyte	<i>Sphagnum russowii</i>	Russow's peatmoss	N5	S2	-	-	-	0	2	2	fen within shallow drainage	-	moss	spore, vegetative
Bryophyte	<i>Sphagnum orientale</i> ³	oriental peat moss	NU	S1S2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	moss	spore, vegetative
Bryophyte	<i>Sphagnum squarrosum</i>	squarrose peatmoss	N5	S1S3	-	2	0	2	16	18	-	-	moss	spore, vegetative
Lichen	<i>Masonhalea richardsonii</i> ³	arctic tumbleweed lichen	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	lichen	spore, soredia
Lichen	<i>Stereocaulon tomentosum</i>	woolly foam lichen	N5	S3S4	2	15	25	42	2	44	-	-	lichen	spore, soredia
Lichen	<i>Umbilicaria vellea</i> ³	grizzled rocktripe lichen	N5	S3S4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	lichen	spore

Notes:

¹ National ranks: N2 – imperiled; N3 – vulnerable; N4 – secure; N4N5 – apparently secure to secure; N5 – secure; NU – unrankable (Master et al. 2012)

² Subnational ranks: SH – possibly extirpated; S1S2 – critically imperiled to imperiled; S1S3 – critically imperiled to vulnerable; S2 – imperiled; S2S3 – imperiled to vulnerable; S2S4 – imperiled to apparently secure; S3 – vulnerable; S3S4 – vulnerable to apparently secure; SNR – unranked (Master et al. 2012)

³ No occurrence data was collected during the Izok Corridor Project baseline assessment

⁴ Survey sites located within the LAA were located within the LAA but outside of the PDA, and survey sites within the RAA were within the RAA, but outside of the PDA and LAA.

Sources: Aiken et al. (2007); Al-Shehbaz et al. (2020); Argus (2020); Bakalin et al. (2020); Bosanquet (2020) Brouillet (2020); Brouillet and Elvander (2020); Campbell et al. (2013); Coladonato (1993); COSEWIC (2014); Darbyshire and Pavlickf (2020); Freeman (2020); Gucker (2007, 2012); Hauser (2006); Hedenäs (2020a, 2020b, 2020c); Howard (1992, 1993); Ignatov (2020a, 2020b, 2020c); Ireland (2020a, 2020b); Klinkenberg (2020); Little and McKinney (2020); Long (2020); McIntosh and Newmaster (2020a, 2020b); McQueen and Andrus (2020a, 2020b, 2020c); Marino (2020); Merrill (2020); Miller (2020); Minnesota DNR (2025); MMG (2013a); Mosyakin (2020); Mulder (2024, pers. comm.); Murray (2020); NatureServe (2025); Nelsen et. al. (2013); Newmaster (2020); Newsham (2010); Shaw (2020); Smith Merrill (2020a, 2020b, 2020c); Rohrer (2020); Spence (2020); Tesky (1992); Toivonen (2020); Uchytel (1991); Vitt (2020); Wagner and Beitel (2024); Walsh (1994)