

APPENDIX B

Vegetation Summary Tables

APPENDIX B-1

Labrador Vegetation Summary Tables

Black Spruce Lichen Forest Habitat Type

n=1

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Picea mariana</i>	black spruce	100	20.00
Shrub	<i>Cornus canadensis</i>	crackerberry	100	1.00
	<i>Picea mariana</i>	black spruce	100	10.00
	<i>Rhododendron groenlandicum</i>	Labrador tea	100	0.50
	<i>Vaccinium boreale</i>	northern blueberry	100	4.00
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	100	1.00
Ground	<i>Cladina rangiferina</i>	gray reindeer lichen	100	8.00
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	100	65.00
	<i>Cladonia sp.</i>	Cladonia lichen	100	5.00
	<i>Deschampsia brevifolia</i>	tufted hairgrass	100	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	100	20.00

Burn Habitat Type

n=5

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Picea glauca</i>	white spruce	20	0.20
Shrub	<i>Abies balsamea</i>	balsam fir	20	0.20
	<i>Amelanchier bartramiana</i>	Bartham's chuckleyppear	20	≤0.01
	<i>Betula glandulosa</i>	glandular birch	60	18.40
	<i>Betula michauxii</i>	Newfoundland dwarf birch	20	7.00
	<i>Larix laricina</i>	larch	20	0.10
	<i>Picea mariana</i>	black spruce	80	0.80
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	20	≤0.01
	<i>Rhododendron groenlandicum</i>	Labrador tea	100	12.10
	<i>Salix ballii</i>	Ball's willow	20	0.10
	<i>Salix candida</i>	hoary willow, sageleaf willow	20	1.00
	<i>Salix discolor</i>	pussy willow	40	1.80
	<i>Vaccinium angustifolium</i>	lowbush blueberry	40	0.20
	<i>Vaccinium boreale</i>	northern blueberry	100	25.00
	<i>Vaccinium cespitosum</i>	dwarf blueberry	20	0.10
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	60	0.40
Ground	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	40	≤0.01
	<i>Cladina mitis</i>	green reindeer lichen	40	12.00
	<i>Cladina rangiferina</i>	gray reindeer lichen	40	1.40
	<i>Cladina sp.</i>	reindeer lichen	80	30.00
	<i>Cladonia crispata</i>	organ pipe lichen	20	1.00
	<i>Cladonia sp.</i>	Cladonia lichen	120	14.00
	<i>Cornus canadensis</i>	crackerberry, bunchberry	100	0.50
	<i>Deschampsia flexuosa</i>	wavy hairgrass	60	0.30
	<i>Dicranum sp.</i>	broom moss	20	≤0.01
	<i>Diphasiastrum sitchense</i>	sitka clubmoss	100	0.81
	<i>Geocaulon lividum</i>	northern comndra	60	0.20
	<i>Lycopodium annotinum</i>	bristly clubmoss	40	0.10
	<i>Peltigera hymenina</i>	peltigera lichen	20	1.40
	<i>Pleurozium schreberi</i>	feathermoss	40	0.10
	<i>Polytrichum sp.</i>	polytrichum moss	80	0.50
	<i>Sibbaldiopsis tridentata</i>	threetooth cinquefoil	20	≤0.01
		crustose lichen	20	1.00

Conifer Forest Habitat Type

n=17

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	59	10.47
	<i>Acer spicatum</i>	mountain maple	6	0.59
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	12	1.94
	<i>Betula papyrifera</i>	white birch, paper birch	6	1.76
	<i>Larix laricina</i>	larch	12	1.18
	<i>Picea mariana</i>	black spruce	88	29.12
Shrub	<i>Abies balsamea</i>	balsam fir	82	9.47
	<i>Acer spicatum</i>	mountain maple	6	0.06
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	18	0.26
	<i>Alnus viridis subsp. crispa</i>	mountain alder, green alder	6	0.03
	<i>Amelanchier bartramiana</i>	Bartham's chuckleyppear	18	0.03
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	12	0.06
	<i>Betula glandulosa</i>	glandular birch	6	0.29
	<i>Betula papyrifera</i>	white birch, paper birch	12	0.06
	<i>Chamaedaphne calyculata</i>	leatherleaf	6	0.29
	<i>Kalmia angustifolia</i>	sheep laurel	24	1.53
	<i>Kalmia polifolia</i>	bog laurel	24	≤0.01
	<i>Larix laricina</i>	larch	12	0.62
	<i>Myrica gale</i>	sweet gale	6	0.03
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	12	0.03
	<i>Picea mariana</i>	black spruce	94	23.24
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	6	≤0.01
	<i>Rhododendron groenlandicum</i>	Labrador tea	65	4.71
	<i>Ribes glandulosum</i>	skunk currant	6	≤0.01
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	6	≤0.01
	<i>Salix pedicellaris</i>	bog willow	6	0.29
	<i>Salix vestita</i>	hairy willow, rock willow	6	0.12
	<i>Sorbus decora</i>	showy mountainash	18	0.06
	<i>Vaccinium angustifolium</i>	lowbush blueberry	71	4.41
	<i>Vaccinium boreale</i>	northern blueberry	18	0.47
	<i>Vaccinium cespitosum</i>	dwarf blueberry	35	0.27
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	6	≤0.01
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	18	0.06
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	18	0.09	

Conifer Forest Habitat Type

n=17

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Ground	<i>Bazzania trilobata</i>	threelobed bazzania	18	≤0.01
	<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	bluejoint, Canada reedgrass	12	≤0.01
	<i>Carex brunnescens</i> subsp. <i>brunnescens</i>	brownish sedge	6	≤0.01
	<i>Carex echinata</i> subsp. <i>echinata</i>	little prickly sedge	6	≤0.01
	<i>Carex gynandra</i>	nodding sedge	6	≤0.01
	<i>Carex magellanica</i> subsp. <i>irrigua</i>	bod sedge	6	≤0.01
	<i>Carex trisperma</i>	three-fruited sedge	41	3.89
	<i>Cladina mitis</i>	yellow-green lichen	6	0.06
	<i>Cladina rangiferina</i>	reindeer lichen	53	1.21
	<i>Cladina</i> sp.	reindeer lichen	12	0.12
	<i>Cladina stellaris</i>	reindeer lichen	41	0.82
	<i>Cladonia</i> sp.	Cladonia lichen	65	0.35
	<i>Clintonia borealis</i>	cornlily	29	0.21
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	29	0.12
	<i>Cornus canadensis</i>	crackerberry, bunchberry	82	4.35
	<i>Deschampsia cespitosa</i> subsp. <i>cespitosa</i>	tufted hairgrass	6	≤0.01
	<i>Dicranum polysetum</i>	wavy broom moss	6	0.29
	<i>Dicranum polysetum</i>	wavy broom moss	6	0.12
	<i>Dicranum scoparium</i>	broom moss	12	0.15
	<i>Dicranum</i> sp.	broom moss	41	0.32
	<i>Dryopteris intermedia</i>	evergreen woodfern	12	≤0.01
	<i>Empetrum nigrum</i> subsp. <i>nigrum</i>	black crowberry	29	0.18
	<i>Epilobium anagallidifolium</i>	alpine willowherb	6	0.03
	<i>Equisetum</i> sp.	horsetail	6	≤0.01
	<i>Equisetum sylvaticum</i>	woodland horsetail	47	0.41
	<i>Fragaria virginiana</i>	northern wild strawberry	6	0.03
	<i>Gaultheria hispidula</i>	creeping snowberry	100	2.53
	<i>Glyceria striata</i> var. <i>stricta</i>	fowl mannagrass, nerved mannagrass	6	≤0.01
	<i>Hylocomium splendens</i>	stair-step moss	18	1.88
	<i>Juncus effusus</i>	soft rush	6	≤0.01
	<i>Linnaea borealis</i> subsp. <i>longiflora</i>	twinline	24	0.12
	<i>Listera cordata</i> var. <i>cordata</i>	heartleaf twayblade	18	≤0.01
	<i>Lycopodium annotinum</i>	bristly clubmoss	18	0.18
	<i>Lycopodium clavatum</i>	running clubmoss	6	≤0.01
<i>Lycopodium dendroideum</i>	prickly tree-clubmoss	6	≤0.01	
<i>Maianthemum canadense</i> subsp. <i>canadense</i>	wild lily-of-the-valley	12	0.09	
<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	47	0.50	
<i>Monotropa uniflora</i>	indian pipe, ghostpipe	18	≤0.01	
<i>Orthilia secunda</i>	onesided wintergreen	12	≤0.01	

Conifer Forest Habitat Type

n=17

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Osmunda cinnamomea</i>	cinnamon fern	6	0.03
	<i>Peltigera degenii</i>	bluish dog lichen	6	0.03
	<i>Peltigera elisabethae</i>	felt lichen	12	0.15
	<i>Peltigera horizontalis</i>	horizontal felt lichen	6	≤0.01
	<i>Peltigera hymenina</i>	pelt lichen, dog lichen	6	0.12
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	29	0.38
	<i>Petasites frigidus var. palmatus</i>	Arctic sweet coltsfoot	12	≤0.01
	<i>Pleurozium schreberi</i>	redstemmed moss	94	47.38
	<i>Polytrichum sp.</i>	hairmoss	47	0.33
	<i>Ptilidium sp.</i>	ptilidium moss	6	≤0.01
	<i>Ptilium crista-castrensis</i>	plume moss	53	3.00
	<i>Ptilium sp.</i>	ptilium moss	6	0.59
	<i>Pyrola sp.</i>	pyrola	6	≤0.01
	<i>Rhododendron groenlandicum</i>	Labrador tea	6	0.03
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	59	1.56
	<i>Rubus pubescens</i>	dewberry	18	0.03
	<i>Solidago macrophylla</i>	largeleaf goldenrod	6	≤0.01
	<i>Solidago rugosa var. rugosa</i>	roughstemmed goldenrod	6	≤0.01
	<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum	24	1.44
	<i>Sphagnum sp.</i>	sphagnum moss	82	23.00
	<i>Trientalis borealis subsp. borealis</i>	starflower	12	0.12
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	12	≤0.01
		lichen	18	0.44
		liverwort	12	≤0.01

Conifer Scrub Habitat Type

n=5

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	20	10.00
	<i>Picea mariana</i>	black spruce	20	8.00
Shrub	<i>Abies balsamea</i>	balsam fir	100	35.40
	<i>Betula glandulosa</i>	glandular birch	20	8.00
	<i>Picea mariana</i>	black spruce	60	15.00
	<i>Rhododendron groenlandicum</i>	Labrador tea	80	14.00
	<i>Ribes glandulosum</i>	skunk currant	20	0.10
	<i>Ribes lacustre</i>	bristly black currant	20	1.20
	<i>Salix ballii</i>	Ball's willow	20	2.00
	<i>Salix bebbiana</i>	Bebb's willow	20	2.00
	<i>Vaccinium boreale</i>	northern blueberry	20	1.40
	<i>Vaccinium cespitosum</i>	dwarf blueberry	20	0.40
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	60	6.00
	<i>Viburnum edule</i>	squashberry	20	0.02
	Ground	<i>Athyrium filix-femina var. angustum</i>	northern lady fern	20
<i>Bryoria simplicior</i>		horsehair lichen	20	0.10
<i>Calamagrostis canadensis var. canadensis</i>		bluejoint, Canada reedgrass	20	0.10
<i>Carex trisperma</i>		three-fruited sedge	20	0.10
<i>Cinna latifolia</i>		wood reedgrass	20	0.10
<i>Cladina mitis</i>		yellow-green lichen	20	1.40
<i>Cladina rangiferina</i>		reindeer lichen	40	3.00
<i>Cladina sp.</i>		reindeer lichen	20	12.00
<i>Cladonia sp.</i>		Cladonia lichen	20	0.40
<i>Cornus canadensis</i>		crackerberry, bunchberry	40	1.00
<i>Crustose lichen</i>		lichen	20	0.20
<i>Dicranum sp.</i>		broom moss	20	3.00
<i>Empetrum nigrum subsp. nigrum</i>		black crowberry	60	17.40
<i>Equisetum arvense</i>		field horsetail	20	≤0.01
<i>Gaultheria hispidula</i>		creeping snowberry	40	0.60
<i>Gymnocarpium dryopteris</i>		common oak fern	20	0.10
<i>Hylocomium splendens</i>		stair-step moss	40	3.40
<i>Lycopodium annotinum</i>		bristly clubmoss	20	≤0.01
<i>Mitella nuda</i>		naked miterwort	20	0.10
<i>Peltigera sp.</i>		pelt lichen, dog lichen	40	0.50
<i>Pleurozium schreberi</i>		redstemmed moss	60	27.00
<i>Ptilidium sp.</i>		ptilidium moss	20	≤0.01
<i>Ptilium crista-castrensis</i>		plume moss	20	0.20
<i>Rubus chamaemorus</i>		bakeapple, cloudberry	20	≤0.01
<i>Solidago macrophylla</i>		largeleaf goldenrod	20	≤0.01
<i>Trientalis borealis subsp. borealis</i>		starflower	20	0.10
<i>Vaccinium vitis-idaea subsp. minus</i>		partridgeberry	20	0.10

Exposed Bedrock Habitat Type

n=1

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Shrub	<i>Andromeda glaucophylla</i>	bog rosemary	100	≤0.01
	<i>Betula glandulosa</i>	glandular birch	100	0.50
	<i>Chamaedaphne calyculata</i>	leatherleaf	100	≤0.01
	<i>Kalmia angustifolia</i>	sheep laurel	100	0.10
	<i>Kalmia polifolia</i>	bog laurel	100	≤0.01
	<i>Larix laricina</i>	larch	100	0.10
	<i>Rhododendron groenlandicum</i>	Labrador tea	100	≤0.01
	<i>Vaccinium boreale</i>	northern blueberry	100	2.00
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	100	2.00
Ground	<i>Cladina sp.</i>	reindeer lichen	100	15.00
	<i>Diapensia lapponica subsp. lapponica</i>	diapensia	100	≤0.01
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	100	3.00
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	100	0.50
	<i>Trichophorum cespitosum</i>	deergrass	100	7.00
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	100	1.00

Hardwood Forest Habitat Type

n=2

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	50	1.50
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	100	18.50
	<i>Betula papyrifera</i>	white birch, paper birch	50	45.00
	<i>Picea mariana</i>	black spruce	50	0.50
Shrub	<i>Abies balsamea</i>	balsam fir	50	0.25
	<i>Alnus viridis subsp. crispa</i>	mountain alder, green alder	50	25.00
	<i>Amelanchier bartramiana</i>	Bartham's chuckleyppear	50	0.50
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	100	15.50
	<i>Betula papyrifera</i>	white birch, paper birch	50	15.00
	<i>Picea mariana</i>	black spruce	100	19.00
	<i>Rhododendron groenlandicum</i>	Labrador tea	50	2.50
	<i>Ribes glandulosum</i>	skunk currant	50	0.50
	<i>Ribes lacustre</i>	bristly black currant	50	0.25
	<i>Salix discolor</i>	pussy willow	50	1.50
	<i>Sorbus decora</i>	showy mountianash	50	0.25
	<i>Vaccinium angustifolium</i>	lowbush blueberry	100	25.50
	<i>Viburnum edule</i>	squashberry	50	7.50
Ground	<i>Agrostis sp.</i>	bent	50	0.25
	<i>Cladina mitis</i>	green reindeer lichen	50	2.50
	<i>Cladina sp.</i>	reindeer lichen	50	0.25
	<i>Cladonia sp.</i>	Cladonia lichen	100	3.00
	<i>Clintonia borealis</i>	cornlily	50	1.00
	<i>Cornus canadensis</i>	crackerberry, bunchberry	100	5.50
	<i>Deschampsia sp.</i>	hairgrass	50	≤0.01
	<i>Dicranum sp.</i>	broom moss	50	0.50
	<i>Diphasiastrum sitchense</i>	sitka clubmoss	50	≤0.01
	<i>Dryopteris carthusiana</i>	spiny woodfern	50	≤0.01
	<i>Dryopteris intermedia</i>	evergreen woodfern	50	≤0.01
	<i>Epilobium anagallidifolium</i>	alpine willowherb	50	≤0.01
	<i>Geocaldon lividum</i>	northern comndra	50	0.50
	<i>Gymnocarpium dryopteris</i>	common oak fern	50	0.25
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	50	1.00
	<i>Lycopodium annotinum</i>	bristly clubmoss	100	≤0.01
	<i>Lycopodium dendroideum</i>	prickly tree-clubmoss	50	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	50	≤0.01
	<i>Mitella nuda</i>	naked miterwort	50	≤0.01
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	50	0.50
	<i>Petasites frigidus var. palmatus</i>	Arctic sweet coltsfoot	50	0.25
	<i>Pleurozium schreberi</i>	feathermoss	100	8.50
	<i>Polytrichum sp.</i>	polytrichum moss	100	0.50
	<i>Ptilium crista-castrensis</i>	plume moss	50	≤0.01
	<i>Solidago macrophylla</i>	largeleaf goldenrod	50	0.25

Hardwood Forest Habitat Type

n=2

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Trientalis borealis subsp. borealis</i>	starflower	100	0.26
	<i>Viola selkirkii</i>	Selkirk's violet, great spurred violet	50	0.50
		lichen	50	≤0.01
		liverwort	50	0.25

Lichen Heathland Habitat Type

n=4

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Shrub	<i>Abies balsamea</i>	balsam fir	25	3.75
	<i>Betula glandulosa</i>	glandular birch	50	8.00
	<i>Chamaedaphne calyculata</i>	leatherleaf	25	1.25
	<i>Picea mariana</i>	black spruce	50	7.50
	<i>Rhododendron groenlandicum</i>	Labrador tea	75	≤0.01
	<i>Salix uva-ursi</i>	bearberry willow	25	≤0.01
	<i>Vaccinium boreale</i>	northern blueberry	25	≤0.01
	<i>Vaccinium cespitosum</i>	dwarf blueberry	25	≤0.01
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	75	≤0.01
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	75	≤0.01
Ground	<i>Arctostaphylos uva-ursi</i>	common bearberry. Kinnikinnick	25	≤0.01
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	25	10.00
	<i>Carex limosa</i>	mud sedge	25	0.13
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	25	≤0.01
	<i>Cladina mitis</i>	yellow-green lichen	25	0.13
	<i>Cladina sp.</i>	reindeer lichen	75	≤0.01
	<i>Cladina spp.</i>	lichen	25	≤0.01
	<i>Cladina stellaris</i>	reindeer lichen	25	36.25
	<i>Cladonia sp.</i>	Cladonia lichen	25	0.13
	<i>Cornus canadensis</i>	crackerberry, bunchberry	50	5.00
	<i>Deschampsia flexuosa</i>	wavy hairgrass	25	0.13
	<i>Dicranum sp.</i>	broom moss	25	0.13
	<i>Diphasiastrum sitchense</i>	sitka clubmoss	25	0.13
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	75	0.13
	<i>Eriophorum vaginatum subsp. spissum</i>	hare's cottongrass	25	5.13
	<i>Gaultheria hispidula</i>	creeping snowberry	25	0.13
	<i>Hylocomium splendens</i>	stair-step moss	25	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	25	2.50
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	25	1.25
	<i>Peltigera scabrosa</i>	felt lichen	25	≤0.01
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	25	≤0.01
	<i>Pleurozium schreberi</i>	redstemmed moss	50	0.13
	<i>Polytrichum sp.</i>	hairmoss	25	0.25
	<i>Ptilidium sp.</i>	ptilidium moss	50	0.13
	<i>Racomitrium sp.</i>	wooly-hair moss	25	0.13
	<i>Rhytidiadelphus sp.</i>	goose-neck moss	25	0.13
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	50	≤0.01
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	25	≤0.01
	<i>Solidago macrophylla</i>	largeleaf goldenrod	25	17.50

Lichen Heathland Habitat Type

n=4

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Sphagnum sp.</i>	sphagnum moss	25	≤0.01
	<i>Trichophorum cespitosum</i>	deergrass	25	0.13
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	25	0.00

Mixedwood Forest Habitat Type

n=1

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	100	2.00
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	100	30.00
	<i>Picea mariana</i>	black spruce	100	30.00
Shrub	<i>Abies balsamea</i>	balsam fir	100	2.00
	<i>Amelanchier bartramiana</i>	Bartham's chuckleyp ear	100	0.50
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	100	0.50
	<i>Picea mariana</i>	black spruce	100	7.00
	<i>Rhododendron groenlandicum</i>	Labrador tea	100	20.00
	<i>Sorbus decora</i>	showy mountianash	100	≤0.01
	<i>Vaccinium angustifolium</i>	lowbush blueberry	100	25.00
	<i>Vaccinium cespitosum</i>	dwarf blueberry	100	1.00
	<i>Vaccinium myrtilloides</i>	velvetleaf blueberry	100	0.50
	<i>Viburnum edule</i>	squashberry	100	≤0.01
Ground	<i>Cladina rangiferina</i>	gray reindeer lichen	100	2.00
	<i>Cladina sp.</i>	reindeer lichen	100	2.00
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	100	0.50
	<i>Cladonia sp.</i>	Cladonia lichen	100	0.50
	<i>Clintonia borealis</i>	cornlily	100	0.50
	<i>Cornus canadensis</i>	crackerberry, bunchberry	100	0.50
	<i>Dicranum sp.</i>	broom moss	100	0.50
	<i>Diphasiastrum complanatum</i>	northern running-pine	100	≤0.01
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	100	≤0.01
	<i>Gaultheria hispidula</i>	creeping snowberry	100	≤0.01
	<i>Geocaulon lividum</i>	northern comndra	100	0.50
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	100	≤0.01
	<i>Lycopodium annotinum</i>	bristly clubmoss	100	1.00
	<i>Lycopodium dendroideum</i>	prickly tree-clubmoss	100	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	100	0.50
	<i>Pleurozium schreberi</i>	feathermoss	100	35.00
	<i>Polytrichum sp.</i>	hairmoss	100	1.00
<i>Solidago macrophylla</i>	largeleaf goldenrod	100	≤0.01	

Open Conifer Forest Habitat Type

n=9

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	22	6.22
	<i>Acer spicatum</i>	mountain maple	11	0.22
	<i>Larix laricina</i>	larch	22	0.22
	<i>Picea mariana</i>	black spruce	100	25.00
Shrub	<i>Abies balsamea</i>	balsam fir	67	4.56
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	33	1.44
	<i>Alnus viridis subsp. crispa</i>	mountain alder, green alder	33	1.22
	<i>Amelanchier bartramiana</i>	Bartham's chuckleyppear	33	0.17
	<i>Amelanchier laevis</i>	smooth chuckleyppear	11	0.06
	<i>Chamaedaphne calyculata</i>	leatherleaf	33	0.67
	<i>Kalmia angustifolia</i>	sheep laurel	11	8.33
	<i>Kalmia polifolia</i>	bog laurel	22	0.06
	<i>Larix laricina</i>	larch	11	0.56
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	11	0.06
	<i>Picea mariana</i>	black spruce	100	18.67
	<i>Rhododendron canadense</i>	rhodora	11	0.06
	<i>Rhododendron groenlandicum</i>	Labrador tea	89	5.50
	<i>Rubus canadensis</i>	smooth blackberry	11	0.33
	<i>Salix sp.</i>	willow	22	0.45
	<i>Sorbus decora</i>	showy mountainash	22	0.17
	<i>Vaccinium angustifolium</i>	lowbush blueberry	78	5.50
	<i>Vaccinium boreale</i>	northern blueberry	22	1.33
	<i>Vaccinium cespitosum</i>	dwarf blueberry	67	0.34
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	44	0.22
<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	33	0.17	
<i>Viburnum edule</i>	squashberry	44	0.28	
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	11	≤0.01	
Ground	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	11	≤0.01
	<i>Carex pauciflora</i>	fewflowered sedge	11	0.11
	<i>Carex trisperma</i>	three-fruited sedge	56	0.17
	<i>Cladina mitis</i>	yellow-green lichen	11	0.11
	<i>Cladina rangiferina</i>	gray reindeer lichen	56	2.56
	<i>Cladina sp.</i>	reindeer lichen	44	0.83
	<i>Cladina stellaris</i>	reindeer lichen	56	4.17
	<i>Cladonia borealis</i>	boreal felt lichen	22	0.12
	<i>Cladonia sp.</i>	Cladonia lichen	89	1.11
	<i>Clintonia borealis</i>	cornlily	22	0.17

Open Conifer Forest Habitat Type

n=9

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Coptis trifolia</i>	goldthread, threelaf goldthread	33	0.45
	<i>Cornus canadensis</i>	crackerberry, bunchberry	100	3.50
	<i>Deschampsia flexuosa</i>	wavy hairgrass	22	≤0.01
	<i>Dicranum polysetum</i>	wavy broom moss	11	0.22
	<i>Dicranum sp.</i>	broom moss	44	0.11
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	22	0.06
	<i>Equisetum sylvaticum</i>	woodland horsetail	33	0.28
	<i>Gaultheria hispidula</i>	creeping snowberry	100	4.83
	<i>Geocaulon lividum</i>	northern comndra	22	0.45
	<i>Gymnocarpium dryopteris</i>	common oak fern	22	0.06
	<i>Hylocomium splendens</i>	stair step moss	33	1.89
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	33	0.22
	<i>Listera cordata var. cordata</i>	heartleaf twayblade	11	≤0.01
	<i>Listera sp.</i>	twayblade	22	0.06
	<i>Lycopodium annotinum</i>	bristly clubmoss	56	0.72
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	44	0.72
	<i>Maianthemum trifolium</i>	threelaf false Solomon's-seal	44	0.67
	<i>Peltigera canina</i>	dog lichen	11	0.22
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	11	0.33
	<i>Pleurozium schreberi</i>	red-stemmed feathermoss	111	43.94
	<i>Polytrichum sp.</i>	hairmoss	78	1.06
	<i>Ptilidium sp.</i>	ptilidium moss	11	0.22
	<i>Ptilium crista-castrensis</i>	knight's plue	89	6.06
	<i>Pyrola minor</i>	lesser pyrola	11	≤0.01
	<i>Ranunculus lapponicus</i>	lapland buttercup	11	≤0.01
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	44	1.45
	<i>Solidago macrophylla</i>	largeleaf goldenrod	33	0.11
	<i>Sorbus decora</i>	showy mountianash	11	≤0.01
	<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum	22	1.44
	<i>Sphagnum sp.</i>	sphagnum moss	67	8.88
	<i>Streptopus amplexifolius var. amplexifolius</i>	white mandarin	33	≤0.01
	<i>Symphyotrichum novi-belgii var. novi-belgii</i>	New York aster	11	≤0.01
	<i>Trientalis borealis subsp. borealis</i>	starflower	22	0.17
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	11	0.06

Open Conifer Forest Habitat Type

n=9

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
		liverwort	33	0.06
		lichen	67	2.50
		moss	11	1.11

Wetland Habitat Type

n=20

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Larix laricina</i>	larch	5	0.05
Shrub	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	5	0.10
	<i>Andromeda glaucophylla</i>	bog rosemary	80	2.28
	<i>Betula glandulosa</i>	glandular birch	15	2.28
	<i>Betula michauxii</i>	Newfoundland dwarf birch	35	0.20
	<i>Betula sp.</i>	birch	5	≤0.01
	<i>Chamaedaphne calyculata</i>	leatherleaf	90	12.28
	<i>Dasiphora fruticosa</i>	shrubby cinquefoil	5	0.20
	<i>Kalmia polifolia</i>	bog laurel	65	0.50
	<i>Larix laricina</i>	larch	75	1.33
	<i>Picea mariana</i>	black spruce	70	2.50
	<i>Rhododendron groenlandicum</i>	Labrador tea	50	0.50
	<i>Salix candida</i>	hoary willow, sageleaf willow	5	4.50
	<i>Salix pedicellaris</i>	bog willow	10	0.23
	<i>Salix sp.</i>	willow	5	0.05
	<i>Vaccinium angustifolium</i>	lowbush blueberry	10	0.05
	<i>Vaccinium cespitosum</i>	dwarf blueberry	5	0.03
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	60	1.30
Ground	<i>Agropyron tachycaulum</i>	slender wheatgrass	5	0.10
	<i>Agrostis scabra var. geminata</i>	twin bent	5	0.75
	<i>Aster radula</i>	rough aster	15	0.05
	<i>Bromus ciliatus</i>	fringed brome	5	3.50
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	5	0.10
	<i>Carex aquatilis var. aquatilis</i>	water sedge	10	0.05
	<i>Carex echinata subsp. echinata</i>	little prickly sedge	5	≤0.01
	<i>Carex limosa</i>	mud sedge	50	3.75
	<i>Carex oligosperma</i>	fewseed sedge	90	27.25
	<i>Carex pauciflora</i>	fewflowered sedge	45	0.13
	<i>Carex rostrata</i>	beaked sedge	20	3.45
	<i>Carex trisperma</i>	three-fruited sedge	5	≤0.01
	<i>Cetraria sp.</i>	Iceland lichen	20	0.15
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	5	0.25
	<i>Cladina mitis</i>	green reindeer lichen	5	0.03
	<i>Cladina rangiferina</i>	gray reindeer lichen	10	0.03
	<i>Cladina sp.</i>	reindeer lichen	30	0.15
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	5	0.03
	<i>Cladonia sp.</i>	Cladonia lichen	20	0.08
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	20	0.05

Wetland Habitat Type

n=20

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Daucus carota</i>	wild carrot, Queen Anne's lace	5	≤0.01
	<i>Deschampsia flexuosa</i>	wavy hairgrass	5	0.03
	<i>Dicranum sp.</i>	broom moss	5	≤0.01
	<i>Drosera anglica</i>	English sundew	5	0.03
	<i>Drosera rotundifolia</i>	roundleaf sundew	45	0.08
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	5	≤0.01
	<i>Equisetum fluviatile</i>	water horsetail	5	≤0.01
	<i>Eriophorum chamissonis</i>	Chamisso's cottongrass	5	0.03
	<i>Eriophorum tenellum</i>	rough cottongrass	10	≤0.01
	<i>Eriophorum viridicarinatum</i>	thinleaf cottongrass	5	≤0.01
	<i>Eriophorum spissum</i>	hare's tail	5	≤0.01
	<i>Gaultheria hispidula</i>	creeping snowberry	10	≤0.01
	<i>Juncus sp.</i>	rush	5	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	5	≤0.01
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	25	0.15
	<i>Menyanthes trifoliata</i>	bogbean, buckbean	50	2.05
	<i>Myrica gale</i>	sweet gale	5	0.25
	<i>Nuphar variegata</i>	yellow pondlily, bullhead, spatterdock	10	0.03
	<i>Petasites frigidus var. palmatus</i>	Arctic sweet coltsfoot	5	0.03
	<i>Pleurozium schreberi</i>	feathermoss	15	0.03
	<i>Polytrichum sp.</i>	polytrichum moss	20	0.25
	<i>Ptilidium sp.</i>	ptilidium moss	15	0.03
	<i>Rhododendron groenlandicum</i>	Labrador tea	5	≤0.01
	<i>Rubus arcticus subsp. acaulis</i>	plumboy	5	0.20
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	40	0.73
	<i>Sarracenia purpurea subsp. purpurea</i>	pitcher plant	15	0.00
	<i>Scheuchzeria palustris</i>	pod grass	25	0.00
	<i>Sphagnum fuscum</i>	sphagnum moss	5	0.05
	<i>Sphagnum magellanicum</i>	sphagnum moss	10	0.05
	<i>Sphagnum rubrum</i>	sphagnum moss	5	≤0.01
	<i>Sphagnum sp.</i>	sphagnum moss	85	56.50
	<i>Symphotrichum novi-belgii var. novi-belgii</i>	New York aster	5	0.03
	<i>Trichophorum alpinum</i>	alpine cottongrass	5	≤0.01
	<i>Trichophorum cespitosum</i>	deergrass	70	3.48
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	75	0.70

Wetland Habitat Type

n=20

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Viola selkirkii</i>	Selkirk's violet, great spurred violet	5	0.15
	<i>Viola sp.</i>	violet	5	0.03
		liverwort	35	1.18
		moss	10	1.53

APPENDIX B-2

Newfoundland Vegetation Summary Tables

Alpine Vegetated Habitat Type

n=14

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Shrub	<i>Abies balsamea</i>	balsam fir	43	3.00
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	7	≤0.01
	<i>Andromeda glaucophylla</i>	bog rosemary	7	≤0.01
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	7	≤0.01
	<i>Betula michauxii</i>	Mewfoundland dwarf birch	7	0.21
	<i>Betula papyrifera</i>	white birch, paper birch	7	≤0.01
	<i>Betula pumila</i> var. <i>pumila</i>	dwarf birch, bog birch	14	0.04
	<i>Chamaedaphne calyculata</i>	leatherleaf	14	0.04
	<i>Juniperis communis</i>	common juniper	29	1.46
	<i>Kalmia angustifolia</i>	sheep laurel	21	5.86
	<i>Kalmia polifolia</i>	bog laurel	21	0.39
	<i>Loiseleuria procumbens</i>	alpine azalea	7	0.21
	<i>Myrica gale</i>	sweet gale	7	0.14
	<i>Picea mariana</i>	black spruce	57	6.54
	<i>Rhododendron canadense</i>	rhodora	7	0.07
	<i>Rhododendron groenlandicum</i>	Labrador tea	29	0.57
	<i>Vaccinium angustifolium</i>	lowbush blueberry	14	0.07
	<i>Vaccinium boreale</i>	northern blueberry	57	3.40
	<i>Vaccinium cespitosum</i>	dwarf blueberry	36	1.22
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	79	7.19
Ground	<i>Arctostaphylos uva-ursi</i>	common bearberry, kinnikinnick	7	0.21
	<i>Arctous alpina</i>	alpine bearberry	14	0.11
	<i>Aster nemoralis</i>	bog aster	7	0.07
	<i>Aster radula</i>	rough aster	14	0.07
	<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	bluejoint, Canada reedgrass	7	1.43
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	29	12.14
	<i>Carex bigelowii</i> subsp. <i>bigelowii</i>	Bigelow's sedge	21	0.25
	<i>Carex exilis</i>	costal sedge	7	1.43
	<i>Carex oligosperma</i>	fewseed sedge	7	1.43
	<i>Carex</i> sp.	sedge	7	≤0.01
	<i>Carex stylosa</i>	variegated sedge	7	0.43
	<i>Cetraria andrejevii</i>	cetraria lichen	14	0.18
	<i>Cetraria islandica</i>	true Iceland lichen	7	≤0.01
	<i>Cladina arbuscula</i>	reindeer lichen	7	0.07
	<i>Cladina mitis</i>	green reindeer lichen	7	2.14
	<i>Cladina rangiferina</i>	gray reindeer lichen	7	1.07
	<i>Cladina</i> sp.	reindeer lichen	57	5.43
	<i>Cladina stellata</i>	reindeer lichen	7	1.79
	<i>Cladonia cariosa</i>	split-peg lichen	7	≤0.01
	<i>Cladonia</i> sp.	Cladonia lichen	50	1.31

Alpine Vegetated Habitat Type

n=14

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Clintonia borealis</i>	cornlily	14	0.04
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	36	0.09
	<i>Cornus canadensis</i>	crackerberry, bunchberry	71	3.93
	<i>Deschampsia flexuosa</i>	wavy hairgrass	57	3.07
	<i>Diapensia lapponica subsp. lapponica</i>	diapensia	29	0.29
	<i>Dicranum sp.</i>	broom moss	29	0.14
	<i>Diphasiastrum sitchense</i>	sitka clubmoss	14	0.07
	<i>Drosera rotundifolia</i>	roundleaf sundew	14	0.04
	<i>Dryopteris campyloptera</i>	mountain woodfern	14	2.86
	<i>Empetrum eamesii</i>	pink crowberry	14	1.79
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	64	8.36
	<i>Gaultheria hispidula</i>	creeping snowberry	7	0.07
	<i>Geocaulon lividum</i>	northern comndra	7	≤0.01
	<i>Hylocomium splendens</i>	stairstep moss	21	2.86
	<i>Juncus trifidus</i>	highland rush	29	0.29
	<i>Lichen sp.</i>	lichen	14	≤0.01
	<i>Linnaea borealis subsp. longiflora</i>	twinflora	14	0.72
	<i>Lycopodium annotinum</i>	bristly clubmoss	21	0.07
	<i>Lycopodium sp.</i>	clubmoss	7	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	64	0.47
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	7	0.04
	<i>Phegopteris connectilis</i>	long beech fern	7	0.29
	<i>Pleurozium schreberi</i>	feathermoss	50	5.79
	<i>Polytrichum sp.</i>	polytrichum moss	21	0.04
	<i>Potentilla sterilis</i>	strawberryleaf cinquefoil	7	≤0.01
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	7	≤0.01
	<i>Ptilidium sp.</i>	ptilidium moss	29	7.61
	<i>Racomitrium sp.</i>	wooly-hair moss	29	1.54
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	14	0.39
	<i>Sarracenia purpurea subsp. purpurea</i>	pitcher plant	7	≤0.01
	<i>Saxifraga tricuspidata</i>	prickly saxifrage	7	0.07
	<i>Sibbaldiopsis tridentata</i>	threetooth cinquefoil	21	1.00
	<i>Solidago macrophylla</i>	largeleaf goldenrod	21	0.11
	<i>Solidago multiradiata</i>	northern goldenrod	7	0.04
	<i>Sphagnum sp.</i>	sphagnum moss	14	0.79
	<i>Stellaria humifusa</i>	saltmarsh stonewort	7	0.07

Alpine Vegetated Habitat Type

n=14

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Streptopus lanceolatus</i> var. <i>lanceolatus</i>	rose mandarin	7	≤0.01
	<i>Trichophorum alpinum</i>	alpine cottongrass	7	0.14
	<i>Trichophorum cespitosum</i>	deergrass	21	5.15
	<i>Trientalis borealis</i> subsp. <i>borealis</i>	starflower	14	≤0.01
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	7	≤0.01
	<i>Vaccinium vitis-idaea</i> subsp. <i>minus</i>	partridgeberry	71	1.25
	<i>Viola arvensis</i>	European field pansy, heart's ease	7	0.04
		crustose lichens	7	0.36

Burn Habitat Type

n=3

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Shrub	<i>Abies balsamea</i>	balsam fir	33	0.67
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	67	1.33
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	33	0.67
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	33	1.33
	<i>Betula papyrifera</i>	white birch, paper birch	33	1.67
	<i>Kalmia angustifolia</i>	sheep laurel	100	36.67
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	33	0.03
	<i>Picea glauca</i>	white spruce	33	0.67
	<i>Picea mariana</i>	black spruce	67	2.70
	<i>Prunus pensylvanica</i>	pincherry	33	0.67
	<i>Rhododendron canadense</i>	rhodora	67	13.33
	<i>Rhododendron groenlandicum</i>	Labrador tea	67	2.67
	<i>Ribes glandulosum</i>	skunk currant	33	1.67
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	67	2.33
	<i>Sambucus racemosa subsp. pubens</i>	red elderberry	33	0.17
	<i>Vaccinium angustifolium</i>	lowbush blueberry	100	12.33
Ground	<i>Anaphalis margaritacea</i>	pearly everlasting	33	1.00
	<i>Aralia hispida</i>	bristly sarsaparilla	67	1.67
	<i>Aralia nudicaulis</i>	wild sarsaparilla	33	1.33
	<i>Carex disperma</i>	softleaf sedge	33	≤0.01
	<i>Carex sp.</i>	sedge	33	0.33
	<i>Carex trisperma</i>	three-fruited sedge	67	0.04
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	33	0.67
	<i>Cladina mitis</i>	green reindeer lichen	33	0.67
	<i>Cladonia cristatellata</i>	British soliders	33	3.33
	<i>Cladonia sp.</i>	cladonia lichen	33	0.33
	<i>Clintonia borealis</i>	cornlily	33	0.03
	<i>Cornus canadensis</i>	crackerberry, bunchberry	67	8.33
	<i>Dicranum sp.</i>	broom moss	33	1.67
	<i>Pleurozium schreberi</i>	feathermoss	67	6.70
	<i>Polytrichum sp.</i>	polytrichum moss	33	6.67
	<i>Scirpus cyperinus</i>	woolgrass	33	0.17
	<i>Sphagnum sp.</i>	sphagnum moss	67	0.70
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	100	1.50

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	66	21.96
	<i>Acer spicatum</i>	mountain maple	1	≤0.01
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	16	1.35
	<i>Betula papyrifera</i>	white birch, paper birch	16	0.75
	<i>Larix laricina</i>	larch	23	2.10
	<i>Picea glauca</i>	white spruce	2	0.30
	<i>Picea mariana</i>	black spruce	77	24.22
	<i>Pinus strobus</i>	eastern white pine	1	0.05
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	6	0.26
Shrub	<i>Abies balsamea</i>	balsam fir	70	7.33
	<i>Acer rubrum</i>	red maple	3	0.02
	<i>Acer spicatum</i>	mountain maple	10	0.14
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	10	1.30
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	10	0.75
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	35	0.53
	<i>Amelanchier sp.</i>	chuckleyppear	2	≤0.01
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	32	0.49
	<i>Betula papyrifera</i>	white birch, paper birch	20	0.26
	<i>Chamaedaphne calyculata</i>	leatherleaf	5	0.49
	<i>Cornus alternifolia</i>	alternateleaf dogwood	1	≤0.01
	<i>Cornus stolonifera</i>	red oiser dogwood	2	0.06
	<i>Juniperus communis</i>	common juniper	2	≤0.01
	<i>Kalmia angustifolia</i>	sheep laurel	56	12.08
	<i>Kalmia polifolia</i>	bog laurel	4	0.03
	<i>Larix laricina</i>	larch	11	0.52
	<i>Lonicera villosa</i>	mountain flyhoneysuckle	2	≤0.01
	<i>Myrica gale</i>	sweet gale	1	≤0.01
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	30	0.45
	<i>Picea mariana</i>	black spruce	64	8.77
	<i>Pinus resinosa</i>	red pine	1	0.15
	<i>Pinus strobus</i>	eastern white pine	1	≤0.01
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	1	0.02
	<i>Prunus pensylvanica</i>	pincherry	7	0.05
	<i>Rhododendron canadense</i>	rhodora	23	1.88
	<i>Rhododendron groenlandicum</i>	Labrador tea	28	0.67
	<i>Ribes glandulosum</i>	skunk currant	9	0.15
	<i>Ribes lacustre</i>	bristly black currant	8	0.07
<i>Ribes triste</i>	swamp red currant	1	≤0.01	

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Rosa nitida</i>	shining rose, northeastern rose	2	≤0.01
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	12	0.99
	<i>Salix discolor</i>	pussy willow	1	≤0.01
	<i>Salix sp.</i>	willow	1	≤0.01
	<i>Sambucus canadensis</i>	elderberry	1	≤0.01
	<i>Sambucus racemosa subsp. pubens</i>	red elderberry	1	0.02
	<i>Sorbus americana</i>	American mountainash, dogberry	10	0.23
	<i>Sorbus decora</i>	showy mountainash	20	0.08
	<i>Spiraea alba var. latifolia</i>	broadleaf meadowsweet	1	≤0.01
	<i>Taxus canadensis</i>	Canada yew	11	0.02
	<i>Vaccinium angustifolium</i>	lowbush blueberry	54	1.82
	<i>Vaccinium boreale</i>	northern blueberry	4	0.08
	<i>Vaccinium cespitosum</i>	dwarf blueberry	4	0.03
	<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	16	0.47
	<i>Viburnum edule</i>	squashberry	12	0.10
	<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	11	0.30
Ground	<i>Agrostis mertensii</i>	northern bent	1	≤0.01
	<i>Agrostis scabra var. scabra</i>	rough bent, rough hairgrass	1	≤0.01
	<i>Anaphalis margaritacea</i>	pearly everlasting	3	≤0.01
	<i>Aralia hispida</i>	bristly sarsaparilla	1	≤0.01
	<i>Aralia nudicaulis</i>	wild sarsaparilla	5	0.04
	<i>Aster radula</i>	rough aster	7	≤0.01
	<i>Aster sp.</i>	aster	1	≤0.01
	<i>Athyrium filix-femina var. angustum</i>	northern lady fern	7	0.03
	<i>Bazzania sp.</i>		1	≤0.01
	<i>Bazzania trilobata</i>	three-lobed leafy liverwort	9	0.14
	<i>Brachythecium plumosum</i>	brachythecium moss	2	0.20
	<i>Brachythecium sp.</i>	moss sp.	1	≤0.01
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	13	0.15
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	2	0.03
	<i>Carex arctata</i>	drooping woodland sedge	3	≤0.01
	<i>Carex brunnescens subsp. brunnescens</i>	brownish sedge	3	≤0.01
	<i>Carex echinata subsp. echinata</i>	little prickly sedge	3	0.07
	<i>Carex flava</i>	yellow sedge	1	≤0.01

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Carex leptalea</i>	bristletalk sedge	1	≤0.01
	<i>Carex leptoneuria</i>	neverless woodland sedge	1	≤0.01
	<i>Carex magellanica</i> subsp. <i>Irrigua</i>	bod sedge	2	≤0.01
	<i>Carex pauciflora</i>	fewflowered sedge	2	≤0.01
	<i>Carex</i> sp.	sedge	4	0.33
	<i>Carex trifolium</i>	Sedge species	1	≤0.01
	<i>Carex trisperma</i>	three-fruited sedge	25	1.68
	<i>Chamerion angustifolium</i> subsp. <i>circumvagum</i>	fireweed	10	0.24
	<i>Cinna latifolia</i>	wood reedgrass	10	0.10
	<i>Circaea alpina</i> subsp. <i>alpina</i>	dwarf enchanter's nightshade	4	0.04
	<i>Cirsium arvense</i>	Canada thistle	1	≤0.01
	<i>Cladina mitis</i>	green reindeer lichen	13	0.58
	<i>Cladina rangiferina</i>	gray reindeer lichen	12	0.35
	<i>Cladina</i> sp.	reindeer lichen	27	0.42
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	2	0.07
	<i>Cladonia cristatellata</i>	British soliders	2	0.02
	<i>Cladonia</i> sp.	Cladonia lichen	33	0.11
	<i>Clintonia borealis</i>	cornlily	54	1.43
	<i>Conocephalum</i> sp.	liverwort	1	≤0.01
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	28	0.44
	<i>Cornus canadensis</i>	crackerberry, bunchberry	92	8.57
	<i>Deschampsia flexuosa</i>	wavy hairgrass	2	0.02
	<i>Dicranum polysetum</i>	wavy broom moss	9	0.27
	<i>Dicranum scoparium</i>	broom moss	8	0.03
	<i>Dicranum</i> sp.	broom moss	63	3.34
	<i>Drosera rotundifolia</i>	roundleaf sundew	3	≤0.01
	<i>Dryopteris campyloptera</i>	mountain woodfern	28	4.29
	<i>Dryopteris carthusiana</i>	spiny woodfern	10	0.15
	<i>Dryopteris cristata</i>	crested woodfern	3	≤0.01
	<i>Dryopteris expansa</i>	northern woodfern	2	0.21
	<i>Dryopteris intermedia</i>	evergreen woodfern	15	1.07
	<i>Empetrum nigrum</i> subsp. <i>nigrum</i>	black crowberry	7	0.06
	<i>Epilobium anagallidifolium</i>	alpine willowherb	1	≤0.01
	<i>Epilobium ciliatum</i> subsp. <i>ciliatum</i>	hairy willowherb, northern willowherb	5	≤0.01
	<i>Equisetum arvense</i>	field horsetail	2	0.02
	<i>Equisetum sylvaticum</i>	woodland horsetail	8	0.21
	<i>Eriophorum</i> sp.	cottongrass	1	≤0.01

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Eriophorum vaginatum subsp. spissum</i>	hare's cottongrass	1	≤0.01
	<i>Eriophorum virginicum</i>	tawny cottongrass	2	0.02
	<i>Galium triflorum</i>	fragrant bedstraw	4	0.05
	<i>Gaultheria hispidula</i>	creeping snowberry	73	2.48
	<i>Geocaldon lividum</i>	northern comndra	4	≤0.01
	<i>Geum macrophyllum . var. macrophyllum</i>	largeleaf avens	1	≤0.01
	<i>Glyceria grandis</i>	tall mannagrass	1	0.25
	<i>Glyceria striata var. stricta</i>	fowl mannagrass, nerved mannagrass	1	0.03
	<i>Goodyera repens</i>	dwarf rattlesnake plantain	5	≤0.01
	<i>Goodyera tessellata</i>	checkered rattlesnake plantain	1	≤0.01
	<i>Gymnocarpium dryopteris</i>	common oak fern	13	0.21
	<i>Heracleum maximum</i>	cow parsnip	2	≤0.01
	<i>Hieracium lachenalii</i>	common hawkweed	1	0.02
	<i>Hieracium robinsonii</i>	Robinson's hawkweed	1	≤0.01
	<i>Huperzia lucidula</i>	shining firmoss	1	≤0.01
	<i>Hylocomium sp.</i>	moss	1	0.03
	<i>Hylocomium splendens</i>	stairstep moss	76	16.68
	<i>Juncus articulatus</i>	jointed rush	1	0.02
	<i>Juncus brevicaudatus</i>	narrow-panicled rush	1	≤0.01
	<i>Juncus effusus</i>	soft rush	2	≤0.01
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	57	1.28
	<i>Listera auriculata</i>	auricled twayblade	1	≤0.01
	<i>Listera borealis</i>	northern twayblade	1	≤0.01
	<i>Listera cordata var. cordata</i>	heartleaf twayblade	7	≤0.01
	<i>Luzula parviflora</i>	smallflowered woodrush	1	≤0.01
	<i>Lycopodium annotinum</i>	bristly clubmoss	12	0.09
	<i>Lycopodium clavatum</i>	running clubmoss	2	0.02
	<i>Lycopodium dendroideum</i>	prickly tree-clubmoss	2	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	32	0.23
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	10	0.29
	<i>Mitella nuda</i>	naked miterwort	3	0.12
	<i>Moneses uniflora</i>	oneflowered wintergreen	3	≤0.01
	<i>Monotropa uniflora</i>	indian pipe, ghostpipe	24	≤0.01
	<i>Orthilia secunda</i>	onesided wintergreen	2	≤0.01
	<i>Osmunda cinnamomea</i>	cinnamon fern	2	0.31
	<i>Osmunda claytoniana</i>	interrupted fern	2	≤0.01

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Peltigera canina</i>	dog lichen	1	≤0.01
	<i>Peltigera degenii</i>	bluish dog lichen	1	≤0.01
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	6	0.08
	<i>Phegopteris connectilis</i>	long beech fern	7	0.19
	<i>Platanthera obtusata</i>	bluntleaf bog orchid	7	≤0.01
	<i>Platanthera sp.</i>	orchid	1	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	98	33.85
	<i>Poa palustris</i>	fowl bluegrass	1	0.02
	<i>Polytrichum longisetum</i>	polytrichum moss	1	0.05
	<i>Polytrichum sp.</i>	polytrichum moss	25	0.46
	<i>Pteridium aquilinum var. latiusculum</i>	bracken	2	0.02
	<i>Ptilidium sp.</i>	ptilidium moss	6	0.06
	<i>Ptilium crista-castrensis</i>	plume moss	61	5.97
	<i>Pyrola elliptica</i>	shinleaf	1	≤0.01
	<i>Pyrola minor</i>	lesser pyrola	11	≤0.01
	<i>Pyrola secunda</i>	pyrola	1	≤0.01
	<i>Ranunculus acris</i>	common buttercup, tall buttercup	3	≤0.01
	<i>Rhizomnium sp.</i>	rhizomnium moss	1	0.05
	<i>Rhytidiadelphus loreus</i>	lanky moss	2	0.25
	<i>Rhytidiadelphus sp.</i>	gooseneck moss	6	0.04
	<i>Rhytidiadelphus squarrosus</i>	bent-leaf moss	1	≤0.01
	<i>Rubus arcticus subsp. acaulis</i>	plumboy	2	0.02
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	6	0.33
	<i>Rubus pubescens</i>	dewberry	9	0.12
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	1	≤0.01
	<i>Scirpus atrocinctus</i>	blackgirdled bulrush	1	≤0.01
	<i>Scirpus atrovirens</i>	darkgreen bulrush	1	≤0.01
	<i>Scirpus cyperinus</i>	woolgrass	2	≤0.01
	<i>Solidago macrophylla</i>	largeleaf goldenrod	18	0.09
	<i>Solidago rugosa var. rugosa</i>	roughstemmed goldenrod	5	0.04
	<i>Sorbus decora</i>	showy mountianash	2	0.02
	<i>Sphagnum fimbriatum</i>	sphagnum moss	1	0.05
	<i>Sphagnum fuscum</i>	sphagnum moss	1	≤0.01
	<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum	10	0.15
	<i>Sphagnum rubellum</i>	sphagnum moss	1	≤0.01
	<i>Sphagnum sp.</i>	sphagnum moss	46	6.29
	<i>Streptopus amplexifolius var. amplexifolius</i>	white mandarin	14	0.03
	<i>Streptopus lanceolatus var. lanceolatus</i>	rose mandarin	2	≤0.01

Conifer Forest Habitat Type

n=101

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Streptopus X oreopolus</i>	mountain twistedstalk	1	≤0.01
	<i>Symphotrichum puniceum</i>	purplestem aster	3	0.02
	<i>Taraxacum officinale</i>	common dandelion	2	0.02
	<i>Taxus canadensis</i>	Canada yew	3	≤0.01
	<i>Thuidium sp.</i>	meadowrue	1	0.20
	<i>Trichophorum cespitosum</i>	deergrass	1	≤0.01
	<i>Trientalis borealis subsp. borealis</i>	starflower	47	0.08
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	4	≤0.01
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	29	0.41
	<i>Viola blanda</i>	sweet white violet	1	≤0.01
	<i>Viola lanceolata</i>	lanceleaf violet	1	≤0.01
	<i>Viola renifolia</i>	kidneyleaf violet	1	≤0.01
	<i>Viola selkirkii</i>	Selkirk's violet	1	≤0.01
	<i>Viola sororia</i>	woolly blue violet	1	0.03
	<i>Viola sp.</i>	violet	6	0.15
		crustose lichens	1	≤0.01
		liverwort	2	≤0.01
		moss	1	0.15

Conifer Scrub Habitat Type

n=28

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	14	5.41
	<i>Betula papyrifera</i>	white birch, paper birch	3	0.34
	<i>Larix laricina</i>	larch	10	1.79
	<i>Picea mariana</i>	black spruce	62	12.24
Shrub	<i>Abies balsamea</i>	balsam fir	55	10.48
	<i>Acer rubrum</i>	red maple	7	0.03
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	14	0.59
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	7	0.60
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	52	0.21
	<i>Betula papyrifera</i>	white birch, paper birch	17	0.14
	<i>Chamaedaphne calyculata</i>	leatherleaf	7	0.19
	<i>Juniperis communis</i>	common juniper	7	0.22
	<i>Kalmia angustifolia</i>	sheep laurel	79	21.55
	<i>Kalmia polifolia</i>	bog laurel	17	0.10
	<i>Larix laricina</i>	larch	14	0.47
	<i>Lonicera villosa</i>	mountain flyhoneysuckle	3	≤0.01
	<i>Myrica gale</i>	sweet gale	3	0.07
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	48	0.67
	<i>Nephroma sp.</i>	kidney lichen	3	≤0.01
	<i>Picea mariana</i>	black spruce	100	33.72
	<i>Prunus pensylvanica</i>	pincherry	3	≤0.01
	<i>Rhododendron canadense</i>	rhodora	55	6.02
	<i>Rhododendron groenlandicum</i>	Labrador tea	48	2.11
	<i>Ribes glandulosum</i>	skunk currant	3	0.02
	<i>Ribes hirtellum</i>	smooth gooseberry	3	0.07
	<i>Ribes lacustre</i>	bristly black currant	3	0.07
	<i>Rosa nitida</i>	shining rose, northeastern rose	3	0.02
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	7	≤0.01
	<i>Salix sp.</i>	willow	3	≤0.01
	<i>Sorbus americana</i>	American mountainash, dogberry	3	≤0.01
	<i>Sorbus decora</i>	showy mountainash	3	0.02
	<i>Taxus canadensis</i>	Canada yew	3	0.02
	<i>Vaccinium angustifolium</i>	lowbush blueberry	62	1.12
	<i>Vaccinium boreale</i>	northern blueberry	31	1.36
	<i>Vaccinium cespitosum</i>	dwarf blueberry	7	0.05
	<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	17	0.24
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	17	1.48
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	17	0.19	

Conifer Scrub Habitat Type

n=28

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Ground	<i>Agrostis scabra</i> var. <i>scabra</i>	rough bent, rough hairgrass	7	≤0.01
	<i>Aralia nudicaulis</i>	wild sarsaparilla	3	0.24
	<i>Arctostaphylos uva-ursi</i>	common bearberry, kinnikinnick	7	0.14
	<i>Aster radula</i>	rough aster	14	0.04
	<i>Athyrium filix-femina</i> var. <i>angustum</i>	northern lady fern	7	0.02
	<i>Brachyelytrum septentrionale</i>	northern shorthusk	3	≤0.01
	<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	bluejoint, Canada reedgrass	14	0.09
	<i>Carex brunnescens</i> subsp. <i>brunnescens</i>	brownish sedge	10	≤0.01
	<i>Carex debilis</i>	white-edged sedge, slenderstalk sedge	3	0.02
	<i>Carex deptonervia</i>	sedge	3	0.02
	<i>Carex disperma</i>	softleaf sedge	3	0.07
	<i>Carex echinata</i> subsp. <i>echinata</i>	little prickly sedge	17	0.09
	<i>Carex exilis</i>	costal sedge	3	≤0.01
	<i>Carex leptalea</i>	bristlestalk sedge	7	0.17
	<i>Carex magellanica</i> subsp. <i>irrigua</i>	bod sedge	7	0.14
	<i>Carex pauciflora</i>	fewflowered sedge	21	0.26
	<i>Carex</i> sp.	sedge	3	≤0.01
	<i>Carex stylosa</i>	variegated sedge	3	0.02
	<i>Carex trisperma</i>	three-fruited sedge	41	1.99
	<i>Chamerion angustifolium</i> subsp. <i>circumvagum</i>	fireweed	10	0.02
	<i>Chelone glabra</i>	white turtlehead	3	≤0.01
	<i>Cinna latifolia</i>	wood reedgras	3	0.10
	<i>Circaea alpina</i> subsp. <i>alpina</i>	dwarf enchanter's nightshade	3	0.07
	<i>Cladina mitis</i>	green reindeer lichen	10	0.69
	<i>Cladina rangiferina</i>	gray reindeer lichen	34	0.79
	<i>Cladina</i> sp.	reindeer lichen	48	2.02
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	3	2.93
	<i>Cladonia</i> sp.	Cladonia lichen	41	0.17
	<i>Clintonia borealis</i>	cornlily	52	1.13
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	38	0.15
	<i>Coptis trifolia</i>	goldtread, threeleaf gold hread	3	0.24
	<i>Cornus canadensis</i>	crackerberry, bunchberry	93	5.47
	<i>Crustose lichens</i>	(blank)	3	0.07
<i>Deschampsia flexuosa</i>	wavy hairgrass	10	1.17	

Conifer Scrub Habitat Type

n=28

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Dicranum sp.</i>	broom moss	52	1.52
	<i>Diphasiastrum sitchense</i>	sitka clubmoss	3	≤0.01
	<i>Drosera rotundifolia</i>	roundleaf sundew	7	≤0.01
	<i>Dryopteris campyloptera</i>	mountain woodfern	17	0.10
	<i>Dryopteris cristata</i>	crested woodfern	7	≤0.01
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	41	4.11
	<i>Epilobium ciliatum subsp. ciliatum</i>	hairy willowherb, northern willowherb	3	0.02
	<i>Equisetum arvense</i>	field horsetail	3	0.07
	<i>Equisetum sylvaticum</i>	woodland horsetail	10	0.40
	<i>Eriophorum sp.</i>	cottongrass	3	≤0.01
	<i>Eriophorum virginicum</i>	tawny cottongrass	7	0.03
	<i>Galium sp.</i>	bedstraw	3	≤0.01
	<i>Galium triflorum</i>	fragrant bedstraw	7	0.02
	<i>Gaultheria hispidula</i>	creeping snowberry	83	2.38
	<i>Geocaulon lividum</i>	northern comandra	21	0.02
	<i>Geum rivale</i>	purple avens, water avens	3	0.17
	<i>Glyceria striata var. stricta</i>	fowl mannagrass, nerved mannagrass	3	≤0.01
	<i>Gymnocarpium dryopteris</i>	common oak fern	7	0.03
	<i>Heracleum maximum</i>	cow parsnip	3	0.02
	<i>Huperzia selago</i>	northern firmoss	3	≤0.01
	<i>Hylocomium splendens</i>	stairstep moss	45	8.64
	<i>Juncus brevicaudatus</i>	narrow-panicled rush	3	≤0.01
	<i>Juncus trifidus</i>	highland rush	7	0.21
	<i>Lichen sp.</i>	lichen	3	0.52
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	34	0.42
	<i>Listera cordata var. cordata</i>	heartleaf twayblade	3	≤0.01
	Liverwort	liverwort	7	0.69
	<i>Lycopodium annotinum</i>	bristly clubmoss	14	0.07
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	17	0.02
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	28	0.21
	<i>Melampyrum lineare</i>	cowwheat	7	≤0.01
	<i>Mitella nuda</i>	naked miterwort	3	0.02
	<i>Moneses uniflora</i>	oneflowered wintergreen	3	≤0.01
	<i>Monotropa uniflora</i>	indian pipe, ghostpipe	3	≤0.01
	<i>Osmunda cinnamomea</i>	cinnamon fern	3	0.02
	<i>Packera aurea</i>	golden ragwort	3	0.02
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	14	0.04

Conifer Scrub Habitat Type

n=28

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Platanthera dilatata</i> var. <i>dilatata</i>	scentbottle	10	≤0.01
	<i>Platanthera obtusata</i>	bluntleaf bog orchid	3	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	97	35.34
	<i>Polytrichum hyperboreum</i>	polytrichum moss	3	0.17
	<i>Polytrichum</i> sp.	polytrichum moss	17	0.52
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	7	≤0.01
	<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	bracken	10	0.76
	<i>Ptilidium</i> sp.	ptilidium moss	21	0.40
	<i>Ptilium crista-castrensis</i>	plume moss	38	1.28
	<i>Pyrola minor</i>	lesser pyrola	7	0.02
	<i>Racomitrium</i> sp.	wooly-hair moss	3	0.02
	<i>Rhizomnium</i> sp.	rhizomnium moss	3	0.02
	<i>Rhytidiadelphus</i> sp.	gooseneck moss	7	1.21
	<i>Rubus arcticus</i> subsp. <i>acaulis</i>	plumboy	3	0.02
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	17	0.43
	<i>Rubus pubescens</i>	dewberry	14	0.72
	<i>Sanguisorba canadensis</i> subsp. <i>canadensis</i>	bottlebrush	7	0.10
	<i>Solidago macrophylla</i>	largeleaf goldenrod	10	0.02
	<i>Solidago uliginosa</i>	bog goldenrod	3	≤0.01
	<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum	7	0.41
	<i>Sphagnum</i> sp.	sphagnum moss	55	13.10
	<i>Streptopus amplexifolius</i> var. <i>amplexifolius</i>	white mandarin	3	≤0.01
	<i>Symphotrichum puniceum</i>	purplestem aster	7	≤0.01
	<i>Trichophorum cespitosum</i>	deergrass	7	0.03
	<i>Trientalis borealis</i> subsp. <i>borealis</i>	starflower	41	0.03
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	14	0.04
	<i>Vaccinium vitis-idaea</i> subsp. <i>minus</i>	partridgeberry	62	2.54
	<i>Viola arvensis</i>	european field pansy, heart's ease	3	≤0.01

Cutover Habitat Type

n=22

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	9	0.18
	<i>Betula papyrifera</i>	white birch, paper birch	5	0.14
	<i>Picea mariana</i>	black spruce	18	0.34
Shrub	<i>Abies balsamea</i>	balsam fir	68	6.66
	<i>Acer spicatum</i>	mountain maple	9	0.02
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	23	0.95
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	9	0.55
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	59	0.98
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	59	3.43
	<i>Betula papyrifera</i>	white birch, paper birch	27	0.82
	<i>Cornus stolonifera</i>	red oiser dogwood	5	0.09
	<i>Epigaea repens</i>	trailing arbutus	5	≤0.01
	<i>Kalmia angustifolia</i>	sheep laurel	64	15.82
	<i>Kalmia polifolia</i>	bog laurel	5	0.05
	<i>Larix laricina</i>	larch	9	0.09
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	18	0.09
	<i>Picea glauca</i>	white spruce	18	0.23
	<i>Picea mariana</i>	black spruce	91	5.73
	<i>Pinus strobus</i>	eastern white pine	5	≤0.01
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	5	0.45
	<i>Prunus pensylvanica</i>	pincherry	14	0.05
	<i>Rhododendron canadense</i>	rhodora	23	2.11
	<i>Rhododendron groenlandicum</i>	Labrador tea	23	1.27
	<i>Ribes glandulosum</i>	skunk currant	18	0.77
	<i>Ribes sp.</i>	current	5	0.02
	<i>Ribes sp. (armed)</i>	(blank)	5	≤0.01
	<i>Ribes triste</i>	swamp red currant	5	≤0.01
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	50	7.11
	<i>Salix discolor</i>	pussy willow	9	0.02
	<i>Salix sp.</i>	willow	5	≤0.01
	<i>Sambucus racemosa subsp. pubens</i>	red elderberry	5	≤0.01
	<i>Sorbus americana</i>	American mountainash, dogberry	18	0.18
	<i>Sorbus decora</i>	showy mountianash	9	0.02
<i>Taxus canadensis</i>	Canada yew	5	≤0.01	
<i>Vaccinium angustifolium</i>	lowbush blueberry	50	4.73	
<i>Vaccinium boreale</i>	northern blueberry	5	0.02	
<i>Vaccinium cespitosum</i>	dwarf blueberry	9	0.05	

Cutover Habitat Type

n=22

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	18	0.73
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	9	0.50
	<i>Viburnum edule</i>	squashberry	14	0.55
	<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	9	0.14
Ground	<i>Agrostis scabra var. geminata</i>	twin bent	5	0.05
	<i>Agrostis scabra var. scabra</i>	rough bent, rough hairgrass	23	1.21
	<i>Anaphalis margaritacea</i>	pearly everlasting	23	0.27
	<i>Aralia hispida</i>	bristly sarsaparilla	14	0.32
	<i>Aralia nudicaulis</i>	wild sarsaparilla	9	0.07
	<i>Aster radula</i>	rough aster	5	0.02
	<i>Athyrium filix-femina var. angustum</i>	northern lady fern	14	0.27
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	18	4.32
	<i>Caltha palustris</i>	marsh marigold, cowslip	5	1.59
	<i>Carex arctata</i>	drooping woodland sedge	5	0.02
	<i>Carex brunnescens</i>	brownish sedge	5	≤0.01
	<i>Carex brunnescens subsp. brunnescens</i>	brownish sedge	18	0.25
	<i>Carex canescens subsp. canescens</i>	silvery sedge, hoary sedge	18	0.36
	<i>Carex disperma</i>	softleaf sedge	9	≤0.01
	<i>Carex echinata subsp. echinata</i>	little prickly sedge	14	0.14
	<i>Carex leptalea</i>	bristlestalk sedge	9	1.86
	<i>Carex leptoneuria</i>	neverless woodland sedge	5	≤0.01
	<i>Carex michauxiana</i>	Michaux's sedge	5	≤0.01
	<i>Carex sp.</i>	sedge	5	≤0.01
	<i>Carex trisperma</i>	three-fruited sedge	41	3.75
	<i>Cetraria islandica</i>	true Iceland lichen	5	0.05
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	45	1.41
	<i>Cinna latifolia</i>	wood reedgrass	36	0.59
	<i>Circaea alpina subsp. alpina</i>	dwarf enchanter's nightshade	5	0.45
	<i>Cladina mitis</i>	green reindeer lichen	14	1.89
	<i>Cladina rangiferina</i>	gray reindeer lichen	23	1.43
	<i>Cladina sp.</i>	reindeer lichen	9	0.46
	<i>Cladonia borealis</i>	boreal cup lichen	5	≤0.01
	<i>Cladonia cristatellata</i>	British soliders	9	0.09
	<i>Cladonia sp.</i>	Cladonia lichen	23	0.11
	<i>Clintonia borealis</i>	cornlily	50	1.05

Cutover Habitat Type

n=22

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	27	0.07
	<i>Cornus canadensis</i>	crackerberry, bunchberry	91	7.23
	<i>Deschampsia flexuosa</i>	wavy hairgrass	9	0.14
	<i>Dicranum polysetum</i>	wavy broom moss	5	≤0.01
	<i>Dicranum sp.</i>	broom moss	41	1.02
	<i>Drosera rotundifolia</i>	roundleaf sundew	9	≤0.01
	<i>Dryopteris campyloptera</i>	mountain woodfern	23	0.25
	<i>Dryopteris carthusiana</i>	spiny woodfern	9	0.73
	<i>Dryopteris intermedia</i>	evergreen woodfern	14	0.07
	<i>Epilobium ciliatum subsp. ciliatum</i>	hairy willowherb, norhtern willowherb	5	0.02
	<i>Epilobium lactiflorum</i>	milky willowherb	5	0.02
	<i>Epilobium palustre</i>	marsh willowherb	14	0.14
	<i>Epilobium sp.</i>	willowherb	5	≤0.01
	<i>Equisetum sylvaticum</i>	woodland horsetail	9	0.18
	<i>Eriophorum vaginatum subsp. spissum</i>	hare's cottongrass	9	0.02
	<i>Eriophorum virginicum</i>	tawny cottongrass	9	0.05
	<i>Euphrasia sp.</i>	eyebright	5	0.05
	<i>Galium trifidum subsp. halophilum</i>	threepetalled bedstraw	5	0.02
	<i>Galium triflorum</i>	fragrant bedstraw	5	0.02
	<i>Gaultheria hispidula</i>	creeping snowberry	73	4.77
	<i>Geum macrophyllum . var. macrophyllum</i>	largeleaf avens	9	0.09
	<i>Gymnocarpium dryopteris</i>	common oak fern	5	0.23
	<i>Heracleum maximum</i>	cow parsnip	5	0.09
	<i>Hieracium pilosella</i>	mouseear hawkweed	5	≤0.01
	<i>Hylocomium splendens</i>	stairstep moss	14	0.48
	<i>Juncus brevipaudatus</i>	narrow-panicled rush	18	0.11
	<i>Juncus effusus</i>	soft rush	9	≤0.01
	<i>Linnaea borealis subsp. longiflora</i>	twinflor	50	1.07
	<i>Lycopodium annotinum</i>	bristly clubmoss	14	0.05
	<i>Lycopodium clavatum</i>	running clubmoss	5	0.05
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	36	0.27
	<i>Maianthemum racemosum subsp. racemosum</i>	feathery false Solomon's seal	5	≤0.01
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	18	0.23
	<i>Melampyrum lineare</i>	cowwheat	5	≤0.01

Cutover Habitat Type

n=22

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Mitella nuda</i>	naked miterwort	5	0.02
	Moss	moss	5	0.02
	<i>Orthilia secunda</i>	onesided wintergreen	9	≤0.01
	<i>Osmunda cinnamomea</i>	cinnamon fern	9	0.46
	<i>Osmunda claytoniana</i>	interrupted fern	5	0.02
	<i>Phegopteris connectilis</i>	long beech fern	5	0.02
	<i>Pleurozium schreberi</i>	feathermoss	77	13.00
	<i>Polytrichum sp.</i>	polytrichum moss	59	2.32
	<i>Ptilium crista-castrensis</i>	plume moss	18	0.46
	<i>Rhizomnium sp.</i>	rhizomnium moss	5	0.23
	<i>Rubus arcticus subsp. acaulis</i>	plumboy	5	0.68
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	5	≤0.01
	<i>Rubus pubescens</i>	dewberry	18	0.20
	<i>Rumex acetosella</i>	sheep sorrel	5	0.02
	<i>Rumex crispus</i>	curly dock	5	0.02
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	9	0.55
	<i>Scirpus atrovirens</i>	darkgreen bulrush	5	0.02
	<i>Scirpus cyperinus</i>	woolgrass	23	0.55
	<i>Scirpus hattorianus</i>	mosquito bulrush	5	0.02
	<i>Scirpus microcarpus</i>	red-tinged bulrush, smallfruited bulrush	5	0.02
	<i>Scirpus sp.</i>	bulrush	9	≤0.01
	<i>Solidago macrophylla</i>	largeleaf goldenrod	23	0.66
	<i>Sphagnum cuspidatum</i>	sphagnum moss	5	1.82
	<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum	5	≤0.01
	<i>Sphagnum sp.</i>	sphagnum moss	45	4.84
	<i>Streptopus amplexifolius var. amplexifolius</i>	white mandarin	5	≤0.01
	<i>Symphyotrichum novi-belgii var. novi-belgii</i>	New York aster	5	0.23
	<i>Symphyotrichum puniceum</i>	purplestem aster	18	0.73
	<i>Thelypteris noveboracensis</i>	New York fern	5	0.27
	<i>Trientalis borealis subsp. borealis</i>	starflower	9	0.02
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	5	≤0.01
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	50	0.89
	<i>Veronica americana</i>	american brooklime	5	0.02
	<i>Viola sp.</i>	violet	9	0.68

Kalmia Lichen/Heathland Habitat Type

n=29

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	3	0.17
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	3	0.34
	<i>Larix laricina</i>	larch	24	0.83
	<i>Picea mariana</i>	black spruce	34	1.69
	<i>Pinus strobus</i>	eastern white pine	3	0.17
Shrub	<i>Abies balsamea</i>	balsam fir	31	1.12
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	7	0.38
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	7	0.21
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	41	0.21
	<i>Andromeda glaucophylla</i>	bog rosemary	3	≤0.01
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	10	0.05
	<i>Betula glandulosa</i>	glandular birch	7	0.21
	<i>Betula minor</i>	dwarf white birch	3	0.07
	<i>Betula papyrifera</i>	white birch, paper birch	7	≤0.01
	<i>Chamaedaphne calyculata</i>	leatherleaf	24	1.09
	<i>Gaylussaccia dumosa var. bigeloviana</i>	dwarf huckleberry	14	0.38
	<i>Juniperis communis</i>	common juniper	28	0.90
	<i>Kalmia angustifolia</i>	sheep laurel	83	38.97
	<i>Kalmia polifolia</i>	bog laurel	34	0.35
	<i>Larix laricina</i>	larch	41	1.74
	<i>Myrica gale</i>	sweet gale	14	0.40
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	34	0.79
	<i>Picea mariana</i>	black spruce	45	7.41
	<i>Pinus strobus</i>	eastern white pine	3	0.03
	<i>Prunus pensylvanica</i>	pincherry	3	0.07
	<i>Rhododendron canadense</i>	rhodora	52	5.29
	<i>Rhododendron groenlandicum</i>	Labrador tea	69	2.92
	<i>Salix cordata</i>	heartleaf willow	3	≤0.01
	<i>Salix serissima</i>	autumn willow	3	0.07
	<i>Vaccinium angustifolium</i>	lowbush blueberry	59	4.68
	<i>Vaccinium boreale</i>	northern blueberry	28	0.52
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	7	0.22
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	28	0.54	
Ground	<i>Aster radula</i>	rough aster	7	≤0.01
	<i>Bazzania trilobata</i>	three-lobed leafy liverwort	3	≤0.01
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	3	≤0.01
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	7	0.18
	<i>Carex pauciflora</i>	fewflowered sedge	3	≤0.01

Kalmia Lichen/Heathland Habitat Type

n=29

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Carex sp.</i>	sedge	3	≤0.01
	<i>Carex trisperma</i>	three-fruited sedge	17	0.19
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	3	0.03
	<i>Cladina ciliata</i>	reindeer lichen	3	0.17
	<i>Cladina mitis</i>	green reindeer lichen	24	5.34
	<i>Cladina rangiferina</i>	gray reindeer lichen	21	1.00
	<i>Cladina sp.</i>	reindeer lichen	66	30.14
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	21	7.59
	<i>Cladina stellata</i>	reindeer lichen	3	0.52
	<i>Cladonia sp.</i>	Cladonia lichen	17	0.43
	<i>Clintonia borealis</i>	cornlily	17	0.04
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	14	≤0.01
	<i>Cornus canadensis</i>	crackerberry, bunchberry	69	1.43
	<i>Crustose lichens</i>	(blank)	3	0.02
	<i>Deschampsia sp.</i>	hairgrass	3	1.03
	<i>Deschampsia flexuosa</i>	wavy hairgrass	7	≤0.01
	<i>Deschampsia sp.</i>	hairgrass	3	≤0.01
	<i>Dicranum polysetum</i>	wavy broom moss	3	≤0.01
	<i>Dicranum sp.</i>	broom moss	17	0.40
	<i>Empetrum atropurpureum</i>	purple crowberry	3	≤0.01
	<i>Empetrum eamesii</i>	pink crowberry	7	1.21
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	55	4.29
	<i>Gaultheria hispidula</i>	creeping snowberry	17	0.10
	<i>Geocaulon lividum</i>	northern comndra	17	≤0.01
	<i>Grasses</i>	(blank)	3	0.02
	<i>Hylocomium splendens</i>	stairstep moss	3	0.07
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	3	0.03
	<i>Lycopodium annotinum</i>	bristly clubmoss	21	0.05
	<i>Lycopodium sp.</i>	clubmoss	3	0.02
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	17	≤0.01
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	7	0.02
	<i>Melampyrum lineare</i>	cowheat	31	0.04
	<i>Oclemena nemoralis</i>	bog aster	3	0.02
	<i>Osmunda cinnamomea</i>	cinnamon fern	3	0.02
	<i>Pleurozium schreberi</i>	feathermoss	41	8.00
	<i>Polytrichum sp.</i>	polytrichum moss	7	0.17
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	3	≤0.01

Kalmia Lichen/Heathland Habitat Type

n=29

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	bracken	10	0.07
	<i>Ptilidium</i> sp.	ptilidium moss	7	0.05
	<i>Racomitrium</i> sp.	wooly-hair moss	7	0.72
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	3	0.10
	<i>Sanguisorba canadensis</i> subsp. <i>canadensis</i>	bottlebrush	3	≤0.01
	<i>Sarracenia purpurea</i> subsp. <i>purpurea</i>	pitcher plant	3	0.02
	<i>Saxifraga rivularis</i>	alpine brook saxifrage	3	≤0.01
	<i>Solidago hispida</i> var. <i>hispida</i>	hairy goldnerod	3	≤0.01
	<i>Solidago multiradiata</i>	northern goldenrod	14	0.05
	<i>Solidago rugosa</i> var. <i>rugosa</i>	roughstemmed goldenrod	7	0.07
	<i>Sphagnum</i> sp.	sphagnum moss	38	3.91
	<i>Trichophorum cespitosum</i>	deergrass	17	0.17
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	3	≤0.01
	<i>Vaccinium vitis-idaea</i> subsp. <i>minus</i>	partridgeberry	55	0.95

Mixedwood Forest Habitat Type

n=31

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	65	18.23
	<i>Acer rubrum</i>	red maple	3	0.16
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	39	11.65
	<i>Betula papyrifera</i>	white birch, paper birch	58	13.06
	<i>Larix laricina</i>	larch	16	1.35
	<i>Picea glauca</i>	white spruce	10	2.00
	<i>Picea mariana</i>	black spruce	61	11.16
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	23	4.23
Shrub	<i>Abies balsamea</i>	balsam fir	61	8.57
	<i>Acer rubrum</i>	red maple	29	0.52
	<i>Acer spicatum</i>	mountain maple	23	1.11
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	10	2.16
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	23	1.13
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	42	0.62
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	26	0.87
	<i>Betula papyrifera</i>	white birch, paper birch	29	1.00
	<i>Chamaedaphne calyculata</i>	leatherleaf	3	0.32
	<i>Cornus stolonifera</i>	red oiser dogwood	3	≤0.01
	<i>Diervilla lonicera</i>	bush honeysuckle	3	≤0.01
	<i>Juniperus communis var. depressa</i>	common juniper	3	0.13
	<i>Kalmia angustifolia</i>	sheep laurel	52	8.18
	<i>Kalmia polifolia</i>	bog laurel	3	≤0.01
	<i>Larix laricina</i>	larch	3	0.32
	<i>Lonicera villosa</i>	mountain flyhoneysuckle	6	≤0.01
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	32	1.06
	<i>Photinia floribunda</i>	purple chokeberry	3	0.06
	<i>Picea glauca</i>	white spruce	13	0.54
	<i>Picea mariana</i>	black spruce	52	7.00
	<i>Populus tremuloides</i>	trembling aspen, quaking aspen	13	0.50
	<i>Prunus pensylvanica</i>	pincherry	16	0.31
	<i>Rhododendron canadense</i>	rhodora	6	0.97
	<i>Rhododendron groenlandicum</i>	Labrador tea	26	1.45
	<i>Ribes glandulosum</i>	skunk currant	19	0.57
	<i>Ribes lacustre</i>	bristly black currant	6	0.32
	<i>Rosa nitida</i>	shining rose, northeastern rose	3	≤0.01
	<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry	19	3.39
	<i>Salix bebbiana</i>	Bebb's willow	3	≤0.01
	<i>Salix discolor</i>	pussy willow	6	0.05
<i>Salix sp.</i>	willow	10	0.10	
<i>Sambucus racemosa subsp. pubens</i>	red elderberry	10	0.03	

Mixedwood Forest Habitat Type

n=31

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Sorbus americana</i>	American mountainash, dogberry	32	0.52
	<i>Sorbus decora</i>	showy mountainash	26	0.17
	<i>Taxus canadensis</i>	Canada yew	10	0.10
	<i>Vaccinium angustifolium</i>	lowbush blueberry	42	2.54
	<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	10	0.32
	<i>Viburnum edule</i>	squashberry	13	1.39
	<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	35	2.58
Ground	<i>Actaea rubra subsp. rubra</i>	red baneberry	6	0.10
	<i>Agrostis scabra var. scabra</i>	rough bent, rough hairgrass	3	0.02
	<i>Agrostis sp.</i>	bent	3	0.02
	<i>Anaphalis margaritacea</i>	pearly everlasting	13	0.02
	<i>Aralia hispida</i>	bristly sarsaparilla	3	≤0.01
	<i>Aralia nudicaulis</i>	wild sarsaparilla	10	0.32
	<i>Aster radula</i>	rough aster	3	≤0.01
	<i>Athyrium filix-femina var. angustum</i>	northern lady fern	16	0.07
	<i>Bazzania trilobata</i>	three-lobed leafy liverwort	10	≤0.01
	<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass	16	0.11
	<i>Carex arctata</i>	drooping woodland sedge	3	0.06
	<i>Carex brunnescens subsp. brunnescens</i>	brownish sedge	3	0.10
	<i>Carex debilis</i>	white-edged sedge, slenderstalk sedge	3	≤0.01
	<i>Carex disperma</i>	softleaf sedge	3	≤0.01
	<i>Carex echinata subsp. echinata</i>	little prickly sedge	6	0.16
	<i>Carex leptalea</i>	bristlestalk sedge	6	0.16
	<i>Carex sp.</i>	sedge	3	0.13
	<i>Carex trisperma</i>	three-fruited sedge	16	0.49
	<i>Chamerion angustifolium subsp. circumvagum</i>	fireweed	16	≤0.01
	<i>Cinna latifolia</i>	wood reedgrass	6	≤0.01
	<i>Circaea alpina subsp. alpina</i>	dwarf enchanter's nightshade	13	0.10
	<i>Cladina mitis</i>	green reindeer lichen	6	0.19
	<i>Cladina rangiferina</i>	gray reindeer lichen	6	0.02
	<i>Cladina sp.</i>	reindeer lichen	23	0.04
	<i>Cladonia sp.</i>	Cladonia lichen	29	0.12
	<i>Clintonia borealis</i>	cornlily	55	0.94
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	23	0.21
	<i>Corallorhiza maculata var. maculata</i>	spotted coralroot	3	≤0.01
	<i>Cornus canadensis</i>	crackerberry, bunchberry	87	12.65
	<i>Cornus suecica</i>	swedish bunchberry	3	0.03
	<i>Dicranum polysetum</i>	wavy broom moss	6	≤0.01

Mixedwood Forest Habitat Type

n=31

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Dicranum scoparium</i>	broom moss	13	0.13
	<i>Dicranum sp.</i>	broom moss	58	1.68
	<i>Doellingeria umbellata</i>	flattop white aster	3	0.02
	<i>Dryopteris campyloptera</i>	mountain woodfern	23	2.63
	<i>Dryopteris carthusiana</i>	spiny woodfern	23	0.95
	<i>Dryopteris cristata</i>	crested woodfern	3	≤0.01
	<i>Dryopteris fragrans</i>	fragrant woodfern	3	0.03
	<i>Dryopteris intermedia</i>	evergreen woodfern	39	2.55
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	3	≤0.01
	<i>Epilobium strictum</i>	downy willowherb	3	≤0.01
	<i>Equisetum arvense</i>	field horsetail	6	0.04
	<i>Equisetum sylvaticum</i>	woodland horsetail	3	0.02
	<i>Galium sp.</i>	bedstraw	3	≤0.01
	<i>Galium triflorum</i>	fragrant bedstraw	3	≤0.01
	<i>Gaultheria hispidula</i>	creeping snowberry	55	1.10
	<i>Glyceria canadensis</i>	rattlesnake mannagrass	3	0.16
	<i>Goodyera repens</i>	dwarf rattlesnake plantain	3	≤0.01
	<i>Gymnocarpium dryopteris</i>	common oak fern	29	0.18
	<i>Heracleum maximum</i>	cow parsnip	6	0.06
	<i>Hieracium aurantiacum</i>	devil's paintbrush, orange hawkweed	3	≤0.01
	<i>Hylocomium splendens</i>	stairstep moss	68	11.31
	<i>Hypnum imponens</i>	hypnum moss	3	≤0.01
	<i>Juncus effusus</i>	soft rush	3	≤0.01
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	61	0.70
	<i>Listera cordata var. cordata</i>	heartleaf twayblade	3	≤0.01
	Liverwort	liverwort	3	≤0.01
	<i>Lycopodium annotinum</i>	bristly clubmoss	35	0.44
	<i>Lycopodium clavatum</i>	running clubmoss	10	0.08
	<i>Lycopodium dendroideum</i>	prickly tree-clubmoss	16	0.03
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	42	0.12
	<i>Mitella nuda</i>	naked miterwort	6	0.13
	<i>Moneses uniflora</i>	oneflowered wintergreen	3	0.02
	<i>Monotropa uniflora</i>	indian pipe, ghostpipe	16	≤0.01
	<i>Osmunda cinnamomea</i>	cinnamon fern	10	0.03
	<i>Packera aurea</i>	golden ragwort	3	0.02
	<i>Peltigera sp.</i>	pelt lichen, dog lichen	3	≤0.01
	<i>Phegopteris connectilis</i>	long beech fern	13	0.45
	<i>Pleurozium schreberi</i>	feathermoss	68	10.21
	<i>Poa palustris</i>	fowl bluegrass	3	0.02
	<i>Polytrichum sp.</i>	polytrichum moss	32	0.21

Mixedwood Forest Habitat Type

n=31

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	3	≤0.01
	<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	bracken	6	0.05
	<i>Ptilidium</i> sp.	ptilidium moss	6	≤0.01
	<i>Ptilium crista-castrensis</i>	plume moss	45	5.13
	<i>Pyrola minor</i>	lesser pyrola	19	0.02
	<i>Ranunculus acris</i>	common buttercup, tall buttercup	3	≤0.01
	<i>Rhytidiadelphus loreus</i>	lanky moss	3	0.06
	<i>Rhytidiadelphus</i> sp.	gooseneck moss	10	0.13
	<i>Rhytidiadelphus squarrosus</i>	bent-leaf moss	3	≤0.01
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	3	0.02
	<i>Rubus pubescens</i>	dewberry	26	0.94
	<i>Scirpus cyperinus</i>	woolgrass	6	0.06
	<i>Solidago macrophylla</i>	largeleaf goldenrod	23	0.13
	<i>Solidago rugosa</i> var. <i>rugosa</i>	roughstemmed goldenrod	16	0.13
	<i>Solidago</i> sp.	goldenrod	3	≤0.01
	<i>Sphagnum</i> sp.	sphagnum moss	32	6.79
	<i>Spiraea alba</i> var. <i>latifolia</i>	broadleaf meadowsweet	3	≤0.01
	<i>Streptopus amplexifolius</i> var. <i>amplexifolius</i>	white mandarin	13	0.11
	<i>Symphotrichum puniceum</i>	purplestem aster	13	0.23
	<i>Trientalis borealis</i> subsp. <i>borealis</i>	starflower	55	0.20
	<i>Tussilago farfara</i>	coltsfoot, coughwort	3	0.06
	<i>Vaccinium vitis-idaea</i> subsp. <i>minus</i>	partridgeberry	13	0.07
	<i>Viola blanda</i>	sweet white violet	3	≤0.01
	<i>Viola</i> sp.	violet	19	≤0.01

Open Conifer Forest Habitat Type

n=12

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Abies balsamea</i>	balsam fir	50	5.83
	<i>Larix laricina</i>	larch	17	0.17
	<i>Picea mariana</i>	black spruce	100	22.00
	<i>Pinus strobus</i>	eastern white pine	8	0.33
Shrub	<i>Abies balsamea</i>	balsam fir	67	4.38
	<i>Acer rubrum</i>	red maple	8	0.08
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	8	0.50
	<i>Amelanchier bartramiana</i>	Bartram's chucklepear	33	0.25
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	8	0.17
	<i>Betula papyrifera</i>	white birch, paper birch	8	≤0.01
	<i>Cornus stolonifera</i>	red oiser dogwood	8	0.25
	<i>Kalmia angustifolia</i>	sheep laurel	75	24.75
	<i>Kalmia polifolia</i>	bog laurel	8	0.25
	<i>Larix laricina</i>	larch	8	0.17
	<i>Myrica gale</i>	sweet gale	8	0.04
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	33	1.33
	<i>Picea mariana</i>	black spruce	83	9.58
	<i>Rhododendron canadense</i>	rhodora	42	14.17
	<i>Rhododendron groenlandicum</i>	Labrador tea	25	1.75
	<i>Sorbus americana</i>	American mountainash, dogberry	8	0.04
	<i>Vaccinium angustifolium</i>	lowbush blueberry	83	2.02
	<i>Vaccinium boreale</i>	northern blueberry	17	0.83
	<i>Vaccinium cespitosum</i>	dwarf blueberry	8	0.04
	<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	17	0.29
<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	8	1.25	
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin	8	0.04	
Ground	<i>Aralia nudicaulis</i>	wild sarsaparilla	8	0.17
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	8	5.42
	<i>Carex disperma</i>	softleaf sedge	17	1.25
	<i>Carex echinata subsp. echinata</i>	little prickly sedge	8	0.04
	<i>Carex oligosperma</i>	fewseed sedge	8	0.04
	<i>Carex pauciflora</i>	fewflowered sedge	17	0.42
	<i>Carex sp.</i>	sedge	8	0.25
	<i>Carex stylosa</i>	variegated sedge	8	0.17
	<i>Carex wiegandii</i>	Wiegand's sedge	8	0.04
	<i>Cladina mitis</i>	green reindeer lichen	17	0.46
	<i>Cladina rangiferina</i>	gray reindeer lichen	33	2.83
	<i>Cladina sp.</i>	reindeer lichen	8	6.67
	<i>Cladina stellaris</i>	star-tipped reindeer lichen	17	2.58
	<i>Cladonia sp.</i>	Cladonia lichen	8	≤0.01

Open Conifer Forest Habitat Type

n=12

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Clintonia borealis</i>	cornlily	33	0.25
	<i>Coptis trifolia</i>	goldthread, threelaf	33	0.17
	<i>Cornus canadensis</i>	crackerberry, bunchberry	67	10.84
	<i>Deschampsia flexuosa</i>	wavy hairgrass	8	0.33
	<i>Dicranum montanum</i>	montane dicranum moss	8	0.83
	<i>Dicranum polysetum</i>	wavy broom moss	8	0.04
	<i>Dicranum sp.</i>	broom moss	25	0.96
	<i>Dryopteris campyloptera</i>	mountain woodfern	8	0.17
	<i>Dryopteris cristata</i>	crested woodfern	8	0.25
	<i>Dryopteris intermedia</i>	evergreen woodfern	8	≤0.01
	<i>Empetrum nigrum subsp.</i>	black crowberry	8	≤0.01
	<i>Epilobium palustre</i>	marsh willowherb	8	0.25
	<i>Equisetum arvense</i>	field horsetail	8	0.17
	<i>Galium sp.</i>	bedstraw	8	0.04
	<i>Gaultheria hispidula</i>	creeping snowberry	83	3.60
	<i>Geocaulon lividum</i>	northern comndra	17	≤0.01
	<i>Geum macrophyllum . var. macrophyllum</i>	largeleaf avens	8	0.42
	<i>Glyceria striata var. stricta</i>	fowl mannagrass, nerved mannagrass	8	0.83
	<i>Gymnocarpium dryopteris</i>	common oak fern	17	0.08
	<i>Heracleum maximum</i>	cow parsnip	8	0.08
	<i>Hylocomium splendens</i>	stairstep moss	42	4.92
	<i>Juncus filiformis</i>	thread rush	8	≤0.01
	<i>Linnaea borealis subsp. longiflora</i>	twinflor	25	0.71
	<i>Lycopodium hickeyi</i>	Hickey's tree-clubmoss	8	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	17	0.13
	<i>Monotropa uniflora</i>	indian pipe, ghostpipe	17	≤0.01
	<i>Oclemena nemoralis</i>	bog aster	8	0.08
	<i>Orthilia secunda</i>	onesided wintergreen	8	≤0.01
	<i>Osmunda cinnamomea</i>	cinnamon fern	8	0.25
	<i>Phegopteris connectilis</i>	long beech fern	8	0.17
	<i>Platanthera dilatata var.</i>	scentbottle	17	≤0.01
	<i>Platanthera sp.</i>	orchid	8	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	83	34.42
	<i>Polytrichum sp.</i>	polytrichum moss	33	0.30
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	8	≤0.01
	<i>Pteridium aquilinum var. latiusculum</i>	bracken	8	0.58
	<i>Ptilidium sp.</i>	ptilidium moss	8	≤0.01

Open Conifer Forest Habitat Type

n=12

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Ptilium crista-castrensis</i>	plume moss	33	1.67
	<i>Rubus arcticus subsp. acaulis</i>	plumboy	8	0.25
	<i>Sensitive Fern</i>	fern	8	0.17
	<i>Solidago macrophylla</i>	largeleaf goldenrod	8	0.42
	<i>Sphagnum sp.</i>	sphagnum moss	50	10.17
	<i>Streptopus amplexifolius var. amplexifolius</i>	white mandarin	8	≤0.01
	<i>Symphyotrichum puniceum</i>	purplestem aster	8	0.17
	<i>Thuidium sp.</i>	meadowrue	8	0.42
	<i>Trichophorum cespitosum</i>	deergrass	8	0.04
	<i>Trientalis borealis subsp. borealis</i>	starflower	8	0.04
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	8	≤0.01
	<i>Veronica americana</i>	American brooklime	8	0.04
	<i>Viola sp.</i>	violet	8	0.17

Rocky Barrens Habitat Type

n=8

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Shrub	<i>Abies balsamea</i>	balsam fir	13	0.06
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	13	0.06
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	13	≤0.01
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	13	≤0.01
	<i>Chamaedaphne calyculata</i>	leatherleaf	13	1.25
	<i>Juniperus communis</i>	common juniper	38	0.03
	<i>Kalmia angustifolia</i>	sheep laurel	13	8.75
	<i>Kalmia polifolia</i>	bog laurel	38	≤0.01
	<i>Larix laricina</i>	larch	13	0.13
	<i>Loiseleuria procumbens</i>	alpine azalea	50	0.32
	<i>Myrica gale</i>	sweet gale	13	0.13
	<i>Picea mariana</i>	black spruce	50	4.81
	<i>Rhododendron canadense</i>	rhodora	13	1.88
	<i>Rhododendron groenlandicum</i>	Labrador tea	50	0.21
	<i>Sorbus decora</i>	showy mountainash	13	≤0.01
	<i>Vaccinium boreale</i>	northern blueberry	25	0.75
	<i>Vaccinium cespitosum</i>	dwarf blueberry	25	0.44
	<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	88	7.81
Ground	<i>Arctostaphylos alpina</i>	alpine bearberry	13	0.25
	<i>Arctostaphylos uva-ursi</i>	common bearberry, kinnikinnick	63	1.89
	<i>Arctous alpina</i>	Northern blueberry	13	0.25
	<i>Aster radula</i>	rough aster	13	≤0.01
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	13	≤0.01
	<i>Carex bigelowii subsp. bigelowii</i>	Bigelow's sedge	50	3.19
	<i>Carex trisperma</i>	three-fruited sedge	13	0.25
	<i>Cladina rangiferina</i>	gray reindeer lichen	13	0.38
	<i>Cladina sp.</i>	reindeer lichen	75	6.50
	<i>Cladonia sp.</i>	Cladonia lichen	88	4.06
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	25	≤0.01
	<i>Cornus canadensis</i>	crackerberry, bunchberry	63	0.39
	<i>Deschampsia flexuosa</i>	wavy hairgrass	25	≤0.01
	<i>Diapensia lapponica subsp. lapponica</i>	diapensia	63	0.19
	<i>Dicranum sp.</i>	broom moss	75	0.38
	<i>Drosera rotundifolia</i>	roundleaf sundew	13	≤0.01
	<i>Empetrum eamesii</i>	pink crowberry	13	0.25
	<i>Empetrum nigrum subsp. nigrum</i>	black crowberry	113	26.94
	<i>Huperzia appalachiana</i>	appalachian firmoss	25	≤0.01
	<i>Hylocomium splendens</i>	stairstep moss	13	0.25

Rocky Barrens Habitat Type

n=8

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Juncus trifidus</i>	highland rush	100	1.51
	<i>Linnaea borealis subsp. longiflora</i>	twinflower	13	0.06
	<i>Luzula spicata</i>	spiked woodrush	13	0.06
	<i>Lycopodium annotinum</i>	bristly clubmoss	13	≤0.01
	<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley	13	≤0.01
	<i>Orthilia secunda</i>	onesided wintergreen	13	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	50	1.25
	<i>Polytrichum sp.</i>	polytrichum moss	38	0.07
	<i>Potentilla sterilis</i>	strawberryleaf cinquefoil	13	0.06
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-	25	≤0.01
	<i>Ptilidium sp.</i>	ptilidium moss	50	0.38
	<i>Racomitrium sp.</i>	wooly-hair moss	50	0.88
	<i>Rhytidiadelphus sp.</i>	gooseneck moss	13	0.25
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	38	≤0.01
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	13	≤0.01
	<i>Sibbaldiopsis tridentata</i>	threetooth cinquefoil	13	0.06
	<i>Solidago X asperula</i>	hybrid goldenrod	13	≤0.01
	<i>Sphagnum sp.</i>	sphagnum moss	25	1.25
	<i>Trichophorum cespitosum</i>	deergrass	38	0.81
	<i>Trientalis borealis subsp.</i>	starflower	13	≤0.01
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	63	1.20
		crustose lichens	63	5.63
		lichen	13	2.50

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
Tree	<i>Picea mariana</i>	black spruce	4	1.20
Shrub	<i>Abies balsamea</i>	balsam fir	3	0.17
	<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder	11	0.08
	<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder	3	≤0.01
	<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear	3	≤0.01
	<i>Andromeda glaucophylla</i>	bog rosemary	59	0.78
	<i>Betula cordifolia</i>	heartleaf birch, mountain white birch	1	≤0.01
	<i>Betula glandulosa</i>	glandular birch	3	≤0.01
	<i>Betula michauxii</i>	Newfoundland dwarf birch	24	0.50
	<i>Betula minor</i>	dwarf white birch	1	≤0.01
	<i>Betula pumila var. pumila</i>	dwarf birch, bog birch	6	0.03
	<i>Chamaedaphne calyculata</i>	leatherleaf	68	3.29
	<i>Dasiphora fruticosa subsp. floribunda</i>	shrubby cinquefoil	10	0.32
	<i>Gaylussaccia dumosa var. bigeloviana</i>	dwarf huckleberry	7	0.09
	<i>Juniperis communis</i>	common juniper	18	0.17
	<i>Juniperus horizontalis</i>	creeping juniper	3	≤0.01
	<i>Kalmia angustifolia</i>	sheep laurel	46	3.53
	<i>Kalmia polifolia</i>	bog laurel	48	0.45
	<i>Larix laricina</i>	larch	63	1.22
	<i>Lonicera villosa</i>	mountain flyhoneysuckle	6	0.07
	<i>Myrica gale</i>	sweet gale	51	1.42
	<i>Myrica pensylvanica</i>	northern bayberry	1	≤0.01
	<i>Nemopanthus mucronatus</i>	mountain holly, catberry	6	0.05
	<i>Photinia floribunda</i>	purple chokeberry	13	0.08
	<i>Photinia melanocarpa</i>	black chokeberry	1	≤0.01
	<i>Picea mariana</i>	black spruce	37	2.42
	<i>Rhododendron canadense</i>	rhodora	8	0.08
	<i>Rhododendron groenlandicum</i>	Labrador tea	59	1.63
	<i>Rosa nitida</i>	shining rose, northeastern rose	8	0.02
	<i>Salix sp.</i>	willow	1	≤0.01
	<i>Spiraea alba var. latifolia</i>	broadleaf meadowsweet	3	≤0.01
	<i>Vaccinium angustifolium</i>	lowbush blueberry	7	0.13
	<i>Vaccinium boreale</i>	northern blueberry	11	0.06
	<i>Vaccinium cespitosum</i>	dwarf blueberry	3	0.08
<i>Vaccinium macrocarpon</i>	large cranberry	4	0.11	
<i>Vaccinium ovalifolium</i>	ovalleaf bilberry	1	≤0.01	
<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry	11	0.44	

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Viburnum nudum</i> var. <i>cassinoides</i>	northern wild raisin	3	0.06
Ground	<i>Agrostis scabra</i> var. <i>scabra</i>	rough bent, rough hairgrass	6	≤0.01
	<i>Argentina anserina</i>	silverweed	1	≤0.01
	<i>Aster nemoralis</i>	bog aster	3	≤0.01
	<i>Aster radula</i>	rough aster	28	0.20
	<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	bluejoint, Canada reedgrass	7	2.72
	<i>Calamagrostis pickeringii</i>	Pickering's reedgrass	21	1.76
	<i>Calamagrostis stricta</i> subsp. <i>inexpansa</i> var. <i>inexpa</i>	narrow reedgrass	1	≤0.01
	<i>Calla palustris</i>	wild calla	1	0.14
	<i>Caltha palustris</i>	marsh marigold, cowslip	1	0.03
	<i>Carex aquatilis</i> var. <i>aquatilis</i>	water sedge	3	0.04
	<i>Carex bigelowii</i> subsp. <i>bigelowii</i>	Bigelow's sedge	1	≤0.01
	<i>Carex brunnescens</i> subsp. <i>brunnescens</i>	brownish sedge	4	0.05
	<i>Carex buxbaumii</i>	Buxbaum's sedge	1	≤0.01
	<i>Carex echinata</i> subsp. <i>echinata</i>	little prickly sedge	6	0.06
	<i>Carex exilis</i>	costal sedge	27	3.85
	<i>Carex flava</i>	yellow sedge	4	0.99
	<i>Carex folliculata</i>	northern long sedge	3	0.03
	<i>Carex intumescens</i>	bladder sedge	1	≤0.01
	<i>Carex lasiocarpa</i> subsp. <i>americana</i>	slender sedge, woolyfruit sedge	4	1.42
	<i>Carex limosa</i>	mud sedge	1	≤0.01
	<i>Carex magellanica</i> subsp. <i>Irrigua</i>	bod sedge	1	≤0.01
	<i>Carex michauxiana</i>	Michaux's sedge	10	0.89
	<i>Carex nigra</i>	smooth black sedge	1	0.03
	<i>Carex oligosperma</i>	fewseed sedge	46	5.03
	<i>Carex pauciflora</i>	fewflowered sedge	8	0.37
	<i>Carex rariflora</i>	looseflowered alpine sedge	1	≤0.01
	<i>Carex rostrata</i>	beaked sedge	6	1.11
	<i>Carex</i> sp.	sedge	6	1.42
	<i>Carex stylosa</i>	variegated sedge	3	0.02
	<i>Carex tenuiflora</i>	sparseflowered sedge	1	≤0.01
<i>Carex trisperma</i>	three-fruited sedge	6	0.03	
<i>Carex utriculata</i>	bottle sedge	1	0.28	

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Carex viridula</i> subsp. <i>brachyrrhyncha</i> var. <i>elator</i>	little green sedge	3	1.13
	<i>Cetraria delisei</i>	cetraria lichen	1	≤0.01
	<i>Cetraria ericetorum</i>	Iceland lichen	1	≤0.01
	<i>Cetraria sepincola</i>	cetraria lichen	3	≤0.01
	<i>Cirsium muticum</i>	swamp thistle	1	≤0.01
	<i>Cirsium vulgare</i>	bull thistle	1	≤0.01
	<i>Cladina mitis</i>	green reindeer lichen	6	0.23
	<i>Cladina rangiferina</i>	gray reindeer lichen	10	0.52
	<i>Cladina</i> sp.	reindeer lichen	38	5.21
	<i>Cladina stellata</i>	reindeer lichen	1	≤0.01
	<i>Cladonia</i> sp.	Cladonia lichen	13	0.40
	<i>Clintonia borealis</i>	cornlily	3	≤0.01
	<i>Comarum palustre</i>	marsh cinquefoil	3	0.07
	<i>Conioselinum chinense</i>	hemlock parsley	1	≤0.01
	<i>Coptis trifolia</i>	goldthread, threeleaf goldthread	11	0.02
	<i>Cornus canadensis</i>	crackerberry, bunchberry	8	0.56
	<i>Deschampsia flexuosa</i>	wavy hairgrass	3	0.28
	<i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i>	woolly panicgrass	1	≤0.01
	<i>Dicranum</i> sp.	broom moss	8	0.33
	<i>Drosera intermedia</i>	spatulateleaf sundew	11	≤0.01
	<i>Drosera longifolia</i>	English sundew	11	0.03
	<i>Drosera rotundifolia</i>	roundleaf sundew	66	0.11
	<i>Dryopteris campyloptera</i>	mountain woodfern	1	≤0.01
	<i>Dulichium arundinaceum</i>	threeway sedge	1	0.03
	<i>Eleocharis palustris</i>	creeping spikerush, Small's spikerush	13	3.53
	<i>Empetrum nigrum</i> subsp. <i>nigrum</i>	black crowberry	39	2.63
	<i>Epilobium palustre</i>	marsh willowherb	1	≤0.01
	<i>Equisetum arvense</i>	field horsetail	1	≤0.01
	<i>Equisetum fluviatile</i>	water horsetail	4	≤0.01
	<i>Equisetum hyemale</i> subsp. <i>affine</i>	tall scouring rush	1	≤0.01
	<i>Equisetum sylvaticum</i>	woodland horsetail	3	≤0.01
	<i>Eriocaulon aquaticum</i>	white buttons	7	≤0.01
	<i>Eriophorum angustifolium</i> subsp. <i>angustifolium</i>	tall cottongrass	11	0.05
	<i>Eriophorum chamissonis</i>	Chamisso's cottongrass	3	≤0.01
	<i>Eriophorum</i> sp.	cottongrass	3	≤0.01

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Eriophorum vaginatum</i> subsp. <i>spissum</i>	hare's cottongrass	8	≤0.01
	<i>Eriophorum virginicum</i>	tawny cottongrass	27	0.09
	<i>Eriophorum viridicarinatum</i>	thinleaf cottongrass	1	≤0.01
	<i>Eupatorium maculatum</i>	spotted Joe-Pye weed	3	≤0.01
	<i>Euphrasia nemorosa</i>	common eyebright	1	≤0.01
	<i>Galium trifidum</i> subsp. <i>trifidum</i>	threepetalled bedstraw	1	≤0.01
	<i>Gaultheria hispidula</i>	creeping snowberry	4	0.06
	<i>Geocaulon lividum</i>	northern comandra	3	≤0.01
	<i>Glyceria</i> sp.	mannagrass	1	0.28
	<i>Iris versicolor</i>	blueflag	6	0.20
	<i>Juncus brevicaudatus</i>	narrow-panicled rush	7	≤0.01
	<i>Juncus canadensis</i>	Canada rush	6	≤0.01
	<i>Juncus effusus</i>	soft rush	1	0.14
	<i>Juncus</i> sp.	rush	3	0.04
	<i>Juncus stygius</i> var. <i>americanus</i>	moor rush	1	≤0.01
	<i>Juncus trifidus</i>	highland rush	1	0.07
	<i>Lasiocarpa</i> sp.		1	0.14
	<i>Linnaea borealis</i> subsp. <i>longiflora</i>	twinflower	1	≤0.01
	<i>Lonicera villosa</i>	mountain flyhoneysuckle	1	≤0.01
	<i>Lycopodium annotinum</i>	bristly clubmoss	6	≤0.01
	<i>Lycopus uniflorus</i>	northern bugleweed	1	≤0.01
	<i>Maianthemum canadense</i> subsp. <i>canadense</i>	wild lily-of-the-valley	10	0.09
	<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal	15	0.14
	<i>Malaxis unifolia</i>	green addersmouth	1	≤0.01
	<i>Mentha arvensis</i>	wild mint	3	0.04
	<i>Menyanthes trifoliata</i>	bogbean, buckbean	10	0.07
	Moss	moss	3	0.99
	<i>Nuphar variegata</i>	yellow pondlily, bullhead, spatterdock	7	0.02
	<i>Oclemena nemoralis</i>	bog aster	17	0.17
	Orchid	orchid	1	≤0.01
	<i>Packera paupercula</i>	alpine ragwort	3	≤0.01
	<i>Platanthera clavellata</i>	green woodland orchid	4	≤0.01
	<i>Platanthera dilatata</i> var. <i>dilatata</i>	scentbottle	8	≤0.01

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Platanthera grandiflora</i>	large purple fringed orchid	3	≤0.01
	<i>Pleurozium schreberi</i>	feathermoss	15	0.48
	<i>Pogonia ophioglossoides</i>	rose pogonia	6	≤0.01
	<i>Polytrichum sp.</i>	polytrichum moss	1	0.04
	<i>Potamogeton confervoides</i>	Tuckerman's pondweed	1	0.06
	<i>Potamogeton oakesianus</i>	Oakes' pondweed	1	≤0.01
	<i>Potamogeton robbinsii</i>	Robbins' pondweed	1	≤0.01
	<i>Potamogeton spirillus</i>	northern snailseed pondweed	1	≤0.01
	<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth	1	≤0.01
	<i>Ptilidium sp.</i>	ptilidium moss	3	0.28
	<i>Racomitrium sp.</i>	wooly-hair moss	7	0.64
	<i>Ranunculus flammula var. reptans</i>	creeping spearwort	1	≤0.01
	<i>Rhinanthus minor subsp. minor</i>	common yellowrattle	3	≤0.01
	<i>Rhynchospora alba</i>	white beakrush	45	5.08
	<i>Rhynchospora capillacea</i>	capillary beakrush	1	0.07
	<i>Rhynchospora fusca</i>	brown beakrush	6	0.39
	<i>Rubus arcticus subsp. acaulis</i>	plumboy	4	≤0.01
	<i>Rubus chamaemorus</i>	bakeapple, cloudberry	38	1.44
	<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush	27	0.45
	<i>Sarracenia purpurea subsp. purpurea</i>	pitcher plant	62	0.18
	<i>Scheuchzeria palustris</i>	pod grass	6	0.02
	<i>Schizaea pusilla</i>	curlygrass fern	1	≤0.01
	<i>Schoenoplectus subterminalis</i>	water clubrush	3	0.10
	<i>Scirpus hattorianus</i>	mosquito bulrush	1	0.07
	<i>Scirpus pedicellatus</i>	stalked bullrush	1	0.07
	<i>Scutellaria sp</i>	skullcap	1	≤0.01
	<i>Selaginella selaginoides</i>	northern spikemoss	4	≤0.01
	<i>Sensitive Fern</i>	fern	3	0.04
	<i>Solidago canadensis subsp. canadensis var. canadensis</i>	Canada goldenrod	1	≤0.01
	<i>Solidago macrophylla</i>	largeleaf goldenrod	3	≤0.01
	<i>Solidago multiradiata</i>	northern goldenrod	7	≤0.01
	<i>Solidago rugosa var. rugosa</i>	roughstemmed goldenrod	1	≤0.01
	<i>Solidago uliginosa</i>	bog goldenrod	24	0.12
	<i>Sparganium emersum</i>	unbranched burreed	1	0.10
	<i>Sphagnum papillosum</i>	sphagnum moss	1	0.14

Wetland Habitat Type

n=71

Layer	Scientific Name	Common Name	Percent Occurrence	Average Percent Cover
	<i>Sphagnum pylaesii</i>	sphagnum moss	1	0.21
	<i>Sphagnum sp.</i>	sphagnum moss	85	49.43
	<i>Spiranthes romanzoffiana</i>	hooded ladies-tresses	3	0.56
	<i>Symphotrichum puniceum</i>	purplestem aster	1	0.04
	<i>Thalictrum alpinum</i>	alpine meadowrue	7	0.12
	<i>Thalictrum pubescens var. pubescens</i>	tall meadowrue, king-of-the-meadow	13	0.03
	<i>Thalictrum sp.</i>	meadowrue	1	≤0.01
	<i>Tofieldia glutinosa</i>	sticky tofieldia	1	≤0.01
	<i>Triadenum fraseri</i>	Fraser's marsh St. Johnswort	3	≤0.01
	<i>Trichophorum alpinum</i>	alpine cottongrass	7	0.08
	<i>Trichophorum cespitosum</i>	deergrass	66	23.30
	<i>Trientalis borealis subsp. borealis</i>	starflower	6	≤0.01
	<i>Triglochin palustris</i>	marsh arrowgrass	6	≤0.01
	<i>Triglochin sp.</i>	arrowgrass	1	≤0.01
	<i>Utricularia cornuta</i>	horned bladderwort	25	0.06
	<i>Utricularia intermedia</i>	flatleaf bladderwort	6	0.05
	<i>Utricularia macrorhiza</i>	common bladderwort	1	0.03
	<i>Utricularia minor</i>	small bladderwort	3	0.05
	<i>Vaccinium oxycoccos</i>	small cranberry, marshberry	54	0.07
	<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry	4	0.06
	<i>Viola blanda</i>	sweet white violet	1	≤0.01
	<i>Viola cucullata</i>	marsh blue violet	1	≤0.01
	<i>Viola sp.</i>	violet	1	≤0.01

APPENDIX C

Scientific and Common Names of Observed Plant Species

APPENDIX C Scientific and Common Names of Observed Plant Species

Scientific Name	Common Name
<i>Abies balsamea</i>	balsam fir
<i>Acer rubrum</i>	red maple
<i>Acer spicatum</i>	mountain maple
<i>Actaea rubra subsp. rubra</i>	red baneberry
<i>Agropyron tachycaulum</i>	slender wheatgrass
<i>Agrostis mertensii</i>	northern bent
<i>Agrostis scabra var. geminata</i>	twin bent
<i>Agrostis scabra var. scabra</i>	rough bent, rough hairgrass
<i>Alnus incana subsp. rugosa</i>	speckled alder, tag alder
<i>Alnus viridis subsp. crispa</i>	mountian alder, green alder
<i>Amelanchier bartramiana</i>	Bartram's chuckleyppear
<i>Amelanchier laevis</i>	smooth chuckley pear
<i>Amelanchier sp.</i>	chuckleyppear
<i>Anaphalis margaritacea</i>	pearly everlasting
<i>Andromeda glaucophylla</i>	bog rosemary
<i>Aralia hispida</i>	bristly sarsaparilla
<i>Aralia nudicaulis</i>	wild sarsaparilla
<i>Arctostaphylos alpina</i>	alpine bearberry
<i>Arctostaphylos uva-ursi</i>	common bearberry, kinnikinnick
<i>Arctous alpina</i>	alpine bearberry
<i>Argentina anserina</i>	silverweed
<i>Aster nemoralis</i>	bog aster
<i>Aster radula</i>	rough aster
<i>Aster sp.</i>	aster
<i>Aster umbellatus</i>	flattop white aster
<i>Athyrium filix-femina var. angustum</i>	northern lady fern
<i>Bazzania trilobata</i>	three-lobed leafy liverwort
<i>Bazzania trilobata</i>	threelobed bazzania
<i>Betula cordifolia</i>	heartleaf birch, mountain white birch
<i>Betula glandulosa</i>	glandular birch
<i>Betula michauxii</i>	Newfoundland dwarf birch
<i>Betula minor</i>	dwarf white birch
<i>Betula papyrifera</i>	white birch, paper birch
<i>Betula pumila var. pumila</i>	dwarf birch, bog birch
<i>Betula sp.</i>	birch
<i>Brachyelytrum septentrionale</i>	northern shorthusk
<i>Brachythecium plumosum</i>	brachythecium moss
<i>Brachythecium sp.</i>	brachythecium moss
<i>Bromus ciliatus</i>	fringed brome
<i>Bryoria simplicior</i>	horsehair lichen
<i>Calamagrostis canadensis var. canadensis</i>	bluejoint, Canada reedgrass
<i>Calamagrostis pickeringii</i>	Pickering's reedgrass
<i>Calamagrostis stricta subsp. inexpansa var. inexpa</i>	narrow reedgrass
<i>Calla palustris</i>	wild calla
<i>Caltha palustris</i>	marsh marigold, cowslip
<i>Carex aquatilis var. aquatilis</i>	water sedge

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Scientific Name	Common Name
<i>Carex arctata</i>	dropping woodland sedge
<i>Carex bigelowii</i> subsp. <i>bigelowii</i>	Bigelow's sedge
<i>Carex brunnescens</i>	brownish sedge
<i>Carex brunnescens</i> subsp. <i>brunnescens</i>	brownish sedge
<i>Carex buxbaumii</i>	Buxbaum's sedge
<i>Carex canescens</i> subsp. <i>canescens</i>	silvery sedge, hoary sedge
<i>Carex debilis</i>	white-edged sedge, slenderstalk sedge
<i>Carex deflexa</i>	northern sedge
<i>Carex disperma</i>	softleaf sedge
<i>Carex echinata</i> subsp. <i>echinata</i>	little prickly sedge
<i>Carex exilis</i>	costal sedge
<i>Carex flava</i>	yellow sedge
<i>Carex folliculata</i>	northern long sedge
<i>Carex gynandra</i>	nodding sedge
<i>Carex intumescens</i>	bladder sedge
<i>Carex lasiocarpa</i> subsp. <i>americana</i>	slender sedge, woolyfruit sedge
<i>Carex leptalea</i>	bristlestalk sedge
<i>Carex leptoneuria</i>	neverless woodland sedge
<i>Carex limosa</i>	mud sedge
<i>Carex magellanica</i> subsp. <i>Irrigua</i>	bod sedge
<i>Carex michauxiana</i>	Michaux's sedge
<i>Carex nigra</i>	smooth black sedge
<i>Carex oligosperma</i>	fewseed sedge
<i>Carex pauciflora</i>	fewflowered sedge
<i>Carex rariflora</i>	looseflowered alpine sedge
<i>Carex rostrata</i>	beaked sedge
<i>Carex</i> sp.	sedge
<i>Carex stylosa</i>	variegated sedge
<i>Carex tenuiflora</i>	sparseflowered sedge
<i>Carex trifolium</i>	sedge
<i>Carex trisperma</i>	three-fruited sedge
<i>Carex utriculata</i>	bottle sedge
<i>Carex viridula</i> subsp. <i>brachyrrhyncha</i> var. <i>elatior</i>	little green sedge
<i>Carex wiegandii</i>	Wiegand's sedge
<i>Cetraria andrejevii</i>	cetraria lichen
<i>Cetraria delisei</i>	cetraria lichen
<i>Cetraria ericetorum</i>	Iceland lichen
<i>Cetraria islandica</i>	true Iceland lichen
<i>Cetraria sepincola</i>	cetraria lichen
<i>Cetraria</i> sp.	fruticose lichen
<i>Chamaedaphne calyculata</i>	leatherleaf
<i>Chamerion angustifolium</i> subsp. <i>circumvagum</i>	fireweed
<i>Chelone glabra</i>	white turtlehead
<i>Cinna latifolia</i>	wood reedgrass
<i>Circaea alpina</i> subsp. <i>alpina</i>	dwarf enchanter's nightshade
<i>Cirsium arvense</i>	Canada thistle

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Scientific Name	Common Name
<i>Cirsium muticum</i>	swamp thistle
<i>Cirsium vulgare</i>	bull thistle
<i>Cladina arbuscula</i>	reindeer lichen
<i>Cladina ciliata</i>	reindeer lichen
<i>Cladina mitis</i>	green reindeer lichen
<i>Cladina mitis</i>	yellow-green lichen
<i>Cladina rangiferina</i>	gray reindeer lichen
<i>Cladina sp.</i>	reindeer lichen
<i>Cladina spp.</i>	lichen
<i>Cladina stellaris</i>	star-tipped reindeer lichen
<i>Cladina stellaris</i>	reindeer lichen
<i>Cladina stellata</i>	reindeer lichen
<i>Cladonia aberrans</i>	Cladonia lichen
<i>Cladonia borealis</i>	boreal cup lichen
<i>Cladonia cariosa</i>	split-peg lichen
<i>Cladonia crispata</i>	organ-pipe lichen
<i>Cladonia cristatellata</i>	British soliders
<i>Cladonia sp.</i>	Cladonia lichen
<i>Clintonia borealis</i>	cornlily
<i>Comarum palustre</i>	marsh cinquefoil
<i>Conioselinum chinense</i>	hemlock parsley
<i>Conocephalum sp.</i>	liverwort
<i>Coptis trifolia</i>	goldthread, threeleaf goldthread
<i>Coptis trifolia</i>	goldthread, threeleaf gold thread
<i>Corallorhiza maculata var. maculata</i>	spotted coralroot
<i>Cornus alternifolia</i>	alternateleaf dogwood
<i>Cornus canadensis</i>	crackerberry, bunchberry
<i>Cornus stolonifera</i>	red oiser dogwood
<i>Cornus suecica</i>	swedish bunchberry
<i>Dasiphora fruticosa</i>	shrubby cinquefoil
<i>Dasiphora fruticosa subsp. floribunda</i>	shrubby sinquefoil
<i>Daucus carota</i>	wild carrot, Queen Anne's lace
<i>Deschampsia sp.</i>	hairgrass
<i>Deschampsia brevifolia</i>	tufted hairgrass
<i>Deschampsia cespitosa subsp. cespitosa</i>	tutfted hairgrass
<i>Deschampsia flexuosa</i>	wavy hairgrass
<i>Deschampsia sp.</i>	hairgrass
<i>Diapensia lapponica subsp. lapponica</i>	diapensia
<i>Dichanthelium acuminatum var. fasciculatum</i>	woolly panicgrass
<i>Dicranum montanum</i>	montane dicranum moss
<i>Dicranum polysetum</i>	wavy broom moss
<i>Dicranum scoparium</i>	broom moss
<i>Dicranum scoparium</i>	broom moss
<i>Dicranum sp.</i>	broom moss
<i>Diervilla lonicera</i>	bush honeysuckle
<i>Diphasiastrum complanatum</i>	northern running-pine

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Scientific Name	Common Name
<i>Diphasiastrum sitchense</i>	sitka clubmoss
<i>Doellingeria umbellata</i>	flattop white aster
<i>Drosera anglica</i>	English sundew
<i>Drosera intermedia</i>	spatulateleaf sundew
<i>Drosera longifolia</i>	English sundew
<i>Drosera rotundifolia</i>	roundleaf sundew
<i>Dryopteris campyloptera</i>	mountain woodfern
<i>Dryopteris carthusiana</i>	spiny woodfern
<i>Dryopteris cristata</i>	crested woodfern
<i>Dryopteris expansa</i>	northern woodfern
<i>Dryopteris fragrans</i>	fragrant woodfern
<i>Dryopteris intermedia</i>	evergreen woodfern
<i>Dulichium arundinaceum</i>	threeway sedge
<i>Eleocharis palustris</i>	creeping spikerush, Small's spikerush
<i>Empetrum atropurpureum</i>	purple crowberry
<i>Empetrum eamesii</i>	pink crowberry
<i>Empetrum nigrum subsp. nigrum</i>	black crowberry
<i>Epigaea repens</i>	trailing arbutus
<i>Epilobium anagallidifolium</i>	alpine willowherb
<i>Epilobium ciliatum subsp. ciliatum</i>	hairy willowherb, northern willowherb
<i>Epilobium lactiflorum</i>	milky willowherb
<i>Epilobium palustre</i>	marsh willowherb
<i>Epilobium sp.</i>	willowherb
<i>Epilobium strictum</i>	downy willowherb
<i>Equisetum arvense</i>	field horsetail
<i>Equisetum fluviatile</i>	water horsetail
<i>Equisetum hyemale subsp. affine</i>	tall scouring rush
<i>Equisetum sp.</i>	horsetail
<i>Equisetum sylvaticum</i>	woodland horsetail
<i>Eriocaulon aquaticum</i>	white buttons
<i>Eriophorum angustifolium subsp. angustifolium</i>	tall cottongrass
<i>Eriophorum chamissonis</i>	Chamisso's cottongrass
<i>Eriophorum sp.</i>	cottongrass
<i>Eriophorum tenellum</i>	rough cottongrass
<i>Eriophorum vaginatum subsp. spissum</i>	hare's cottongrass
<i>Eriophorum virginicum</i>	tawny cottongrass
<i>Eriophorum viridicarinatum</i>	thinleaf cottongrass
<i>Eriophorum spissum</i>	hare's tail
<i>Eupatorium maculatum</i>	spotted Joe-Pye weed
<i>Euphrasia nemorosa</i>	common eyebright
<i>Euphrasia sp.</i>	eyebright
<i>Fragaria virginiana</i>	northern wild strawberry
<i>Galium saxatile</i>	heath bedstraw
<i>Galium trifidum subsp. halophilum</i>	threepetalled bedstraw
<i>Galium trifidum subsp. trifidum</i>	threepetalled bedstraw
<i>Galium triflorum</i>	fragrant bedstraw

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Scientific Name	Common Name
<i>Gaultheria hispidula</i>	creeping snowberry
<i>Gaylussaccia dumosa</i> var. <i>bigeloviana</i>	dwarf huckleberry
<i>Geocaulon lividum</i>	northern comndra
<i>Geum macrophyllum</i> . var. <i>macrophyllum</i>	largeleaf avens
<i>Geum rivale</i>	purple avens, water avens
<i>Glyceria canadensis</i>	rattlesnake mannagrass
<i>Glyceria grandis</i>	tall mannagrass
<i>Glyceria</i> sp.	mannagrass
<i>Glyceria striata</i> var. <i>stricta</i>	fowl mannagrass, nerved mannagrass
<i>Goodyera repens</i>	dwarf rattlesnake plantain
<i>Goodyera tessellata</i>	checkered rattlesnake plantain
<i>Gymnocarpium dryopteris</i>	common oak fern
<i>Heracleum maximum</i>	cow parsnip
<i>Hieracium aurantiacum</i>	devil's paintbrush, orange hawkweed
<i>Hieracium lachenalii</i>	common hawkweed
<i>Hieracium pilosella</i>	mouseear hawkweed
<i>Hieracium piloselloides</i>	smooth hawkweed, king devil
<i>Hieracium robinsonii</i>	Robinson's hawkweed
<i>Hieracium X floribundum</i>	pale hawkweed
<i>Huperzia appalachiana</i>	appalachian firmoss
<i>Huperzia lucidula</i>	shining firmoss
<i>Huperzia selago</i>	northern firmoss
<i>Hylocomium splendens</i>	stairstep moss
<i>Hypnum imponens</i>	hypnum moss
<i>Iris versicolor</i>	blueflag
<i>Juncus articulatus</i>	jointed rush
<i>Juncus brevicaudatus</i>	narrow-panicled rush
<i>Juncus canadensis</i>	Canada rush
<i>Juncus effusus</i>	soft rush
<i>Juncus filiformis</i>	thread rush
<i>Juncus</i> sp.	rush
<i>Juncus stygius</i> var. <i>americanus</i>	moor rush
<i>Juncus trifidus</i>	highland rush
<i>Juniperis communis</i>	common juniper
<i>Juniperus horizontalis</i>	creeping juniper
<i>Kalmia angustifolia</i>	sheep laurel
<i>Kalmia polifolia</i>	bog laurel
<i>Larix laricina</i>	larch
<i>Leontodon autumnalis</i> subsp. <i>autumnalis</i>	fall dandelion
<i>Linnaea borealis</i> subsp. <i>longiflora</i>	twinflower
<i>Listera auriculata</i>	auricled twayblade
<i>Listera borealis</i>	northern twayblade
<i>Listera cordata</i> var. <i>cordata</i>	heartleaf twayblade
<i>Listera</i> sp.	twayblade
<i>Loiseleuria procumbens</i>	alpine azalea
<i>Lonicera villosa</i>	mountain flyhoneysuckle

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Scientific Name	Common Name
<i>Luzula parviflora</i>	smallflowered woodrush
<i>Luzula spicata</i>	spiked woodrush
<i>Lycopodium annotinum</i>	bristly clubmoss
<i>Lycopodium clavatum</i>	running clubmoss
<i>Lycopodium dendroideum</i>	prickly tree-clubmoss
<i>Lycopodium hickeyi</i>	Hickey's tree-clubmoss
<i>Lycopus uniflorus</i>	northern bugleweed
<i>Maianthemum canadense subsp. canadense</i>	wild lily-of-the-valley
<i>Maianthemum racemosum subsp. racemosum</i>	feathery false Solomon's seal
<i>Maianthemum trifolium</i>	threeleaf false Solomon's-seal
<i>Malaxis unifolia</i>	green addersmouth
<i>Melampyrum lineare</i>	cowwheat
<i>Mentha arvensis</i>	wild mint
<i>Menyanthes trifoliata</i>	bogbean, buckbean
<i>Mitella nuda</i>	naked miterwort
<i>Moneses uniflora</i>	oneflowered wintergreen
<i>Monotropa uniflora</i>	indian pipe, ghostpipe
<i>Myrica gale</i>	sweet gale
<i>Myrica pensylvanica</i>	northern bayberry
<i>Nemopanthus mucronatus</i>	mountain holly, catberry
<i>Nephroma sp.</i>	kidney lichen
<i>Nuphar variegata</i>	yellow pondlily, bullhead, spatterdock
<i>Oclemena nemoralis</i>	bog aster
<i>Orthilia secunda</i>	onesided wintergreen
<i>Osmunda cinnamomea</i>	cinnamon fern
<i>Osmunda claytoniana</i>	interrupted fern
<i>Packera aurea</i>	golden ragwort
<i>Packera paupercula</i>	alpine ragwort
<i>Peltigera canina</i>	dog lichen
<i>Peltigera degenii</i>	bluish dog lichen
<i>Peltigera elisabethae</i>	felt lichen
<i>Peltigera horizontalis</i>	horizontal felt lichen
<i>Peltigera hymenina</i>	pelt lichen, dog lichen
<i>Peltigera scabrosa</i>	felt lichen
<i>Peltigera sp.</i>	pelt lichen, dog lichen
<i>Petasites frigidus var. palmatus</i>	Arctic sweet coltsfoot
<i>Phegopteris connectilis</i>	long beech fern
<i>Photinia floribunda</i>	purple chokeberry
<i>Photinia melanocarpa</i>	black chokeberry
<i>Picea glauca</i>	white spruce
<i>Picea mariana</i>	black spruce
<i>Pinus resinosa</i>	red pine
<i>Pinus strobus</i>	eastern white pine
<i>Platanthera clavellata</i>	green woodland orchid
<i>Platanthera dilatata var. dilatata</i>	scentbottle
<i>Platanthera grandiflora</i>	large purple fringed orchid

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Scientific Name	Common Name
<i>Platanthera obtusata</i>	bluntleaf bog orchid
<i>Platanthera sp.</i>	orchid
<i>Pleurozium schreberi</i>	redstemmed moss
<i>Poa palustris</i>	fowl bluegrass
<i>Pogonia ophioglossoides</i>	rose pogonia
<i>Polytrichum hyperboreum</i>	polytrichum moss
<i>Polytrichum longisetum</i>	polytrichum moss
<i>Polytrichum sp.</i>	hairmoss
<i>Populus tremuloides</i>	trembling aspen, quaking aspen
<i>Potamogeton confervoides</i>	Tuckerman's pondweed
<i>Potamogeton oakesianus</i>	Oakes' pondweed
<i>Potamogeton robbinsii</i>	Robbins' pondweed
<i>Potamogeton spirillum</i>	northern snailseed pondweed
<i>Potentilla sterilis</i>	strawberryleaf cinquefoil
<i>Prenanthes trifoliolata</i>	tall rattlesnakeroot, gall-of-the-earth
<i>Prunus pensylvanica</i>	pincherry
<i>Prunus virginiana subsp. virginiana</i>	chokecherry
<i>Pteridium aquilinum var. latiusculum</i>	bracken fern
<i>Ptilidium sp.</i>	ptilidium moss
<i>Ptilium crista-castrensis</i>	plume moss
<i>Pyrola elliptica</i>	shinleaf
<i>Pyrola minor</i>	lesser pyrola
<i>Pyrola secunda</i>	onesided wintergreen
<i>Pyrola sp.</i>	pyrola
<i>Racomitrium sp.</i>	wooly-hair moss
<i>Ranunculus acris</i>	common buttercup, tall buttercup
<i>Ranunculus flammula var. reptans</i>	creeping spearwort
<i>Ranunculus lapponicus</i>	lapland buttercup
<i>Rhinanthus minor subsp. minor</i>	common yellowrattle
<i>Rhizomnium sp.</i>	rhizomnium moss
<i>Rhododendron canadense</i>	rhodora
<i>Rhododendron groenlandicum</i>	Labrador tea
<i>Rhynchospora alba</i>	white beakrush
<i>Rhynchospora capillacea</i>	capillary beakrush
<i>Rhynchospora fusca</i>	brown beakrush
<i>Rhytidiadelphus loreus</i>	lanky moss
<i>Rhytidiadelphus sp.</i>	gooseneck moss
<i>Rhytidiadelphus squarrosus</i>	bent-leaf moss
<i>Ribes glandulosum</i>	skunk currant
<i>Ribes hirtellum</i>	smooth gooseberry
<i>Ribes lacustre</i>	bristly black currant
<i>Ribes triste</i>	swamp red currant
<i>Rosa nitida</i>	shining rose, northeastern rose
<i>Rubus arcticus subsp. acaulis</i>	plumboy
<i>Rubus canadensis</i>	smooth blackberry
<i>Rubus chamaemorus</i>	bakeapple, cloudberry

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Scientific Name	Common Name
<i>Rubus hispidus</i>	hispid blackberry
<i>Rubus idaeus subsp. melanolasius</i>	wild red raspberry
<i>Rubus pubescens</i>	dewberry
<i>Rumex acetosella</i>	sheep sorrel,
<i>Rumex crispus</i>	curly dock
<i>Salix ballii</i>	Ball's willow
<i>Salix bebbiana</i>	Bebb's willow
<i>Salix candida</i>	hoary willow, sageleaf willow
<i>Salix cordata</i>	heartleaf willow
<i>Salix discolor</i>	pussy willow
<i>Salix pedicellaris</i>	bog willow
<i>Salix serissima</i>	autumn willow
<i>Salix sp.</i>	willow
<i>Salix uva-ursi</i>	bearberry willow
<i>Salix vestita</i>	hairy willow, rock willow
<i>Sambucus canadensis</i>	elderberry
<i>Sambucus racemosa subsp. pubens</i>	red elderberry
<i>Sanguisorba canadensis subsp. canadensis</i>	bottlebrush
<i>Sarracenia purpurea subsp. purpurea</i>	pitcher plant
<i>Saxifraga rivularis</i>	alpine brook saxifrage
<i>Saxifraga tricuspidata</i>	prickly saxifrage
<i>Scheuchzeria palustris</i>	pod grass
<i>Schizaea pusilla</i>	curlygrass fern
<i>Schoenoplectus subterminalis</i>	water clubrush
<i>Scirpus atrocinctus</i>	blackgirdled bulrush
<i>Scirpus atrovirens</i>	darkgreen bulrush
<i>Scirpus cyperinus</i>	woolgrass
<i>Scirpus hattorianus</i>	mosquito bulrush
<i>Scirpus microcarpus</i>	red-tinged bulrush, smallfruited bulrush
<i>Scirpus pedicellatus</i>	stalked bulrush
<i>Scirpus sp.</i>	bulrush
<i>Scutellaria sp</i>	skullcap
<i>Selaginella selaginoides</i>	northern spikemoss
<i>Sensitive Fern</i>	fern
<i>Sibbaldiopsis tridentata</i>	threetooth cinquefoil
<i>Solidago canadensis subsp. canadensis var. canaden</i>	Canada goldenrod
<i>Solidago hispida var. hispida</i>	hairy goldnerod
<i>Solidago macrophylla</i>	largeleaf goldenrod
<i>Solidago multiradiata</i>	northern goldenrod
<i>Solidago rugosa var. rugosa</i>	roughstemmed goldenrod
<i>Solidago sp.</i>	goldenrod
<i>Solidago uliginosa</i>	bog goldenrod
<i>Solidago X asperula</i>	hybrid goldenrod
<i>Sorbus americana</i>	American mountainash, dogberry
<i>Sorbus decora</i>	showy mountianash
<i>Sparganium emersum</i>	unbranched burreed

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Scientific Name	Common Name
<i>Sphagnum cuspidatum</i>	sphagnum moss
<i>Sphagnum fimbriatum</i>	sphagnum moss
<i>Sphagnum fuscum</i>	sphagnum moss
<i>Sphagnum fuscum</i>	rusty sphagnum
<i>Sphagnum girgensohnii</i>	Girgensohn's sphagnum
<i>Sphagnum magellanicum</i>	sphagnum moss
<i>Sphagnum papillosum</i>	sphagnum moss
<i>Sphagnum pylaesii</i>	sphagnum moss
<i>Sphagnum rubellum</i>	sphagnum moss
<i>Sphagnum rubrum</i>	sphagnum moss
<i>Sphagnum sp.</i>	sphagnum moss
<i>Spiraea alba var. latifolia</i>	broadleaf meadowsweet
<i>Spiranthes romanzoffiana</i>	hooded ladies-tresses
<i>Stellaria humifusa</i>	saltmarsh stonewort
<i>Streptopus amplexifolius var. amplexifolius</i>	white mandarin
<i>Streptopus lanceolatus var. lanceolatus</i>	rose mandarin
<i>Streptopus X oreopolus</i>	mountain twistedstalk
<i>Symphyotrichum novi-belgii var. novi-belgii</i>	New York aster
<i>Symphyotrichum puniceum</i>	purplestem aster
<i>Taraxacum officinale</i>	common dandelion
<i>Taxus canadensis</i>	Canada yew
<i>Thalictrum alpinum</i>	alpine meadowrue
<i>Thalictrum pubescens var. pubescens</i>	tall meadowrue, king-of-the-meadow
<i>Thalictrum sp.</i>	meadowrue
<i>Thelypteris noveboracensis</i>	New York fern
<i>Thelypteris palustris var. pubescens</i>	marsh fern
<i>Tofieldia glutinosa</i>	sticky tofieldia
<i>Triadenum fraseri</i>	Fraser's marsh St. Johnswort
<i>Trichophorum alpinum</i>	alpine cottongrass
<i>Trichophorum cespitosum</i>	deergrass
<i>Trientalis borealis subsp. borealis</i>	starflower
<i>Triglochin palustris</i>	marsh arrowgrass
<i>Triglochin sp.</i>	arrowgrass
<i>Tussilago farfara</i>	coltsfoot, coughwort
<i>Utricularia cornuta</i>	horned bladderwort
<i>Utricularia intermedia</i>	flatleaf bladderwort
<i>Utricularia macrorhiza</i>	common bladderwort
<i>Utricularia minor</i>	small bladderwort
<i>Vaccinium angustifolium</i>	lowbush blueberry
<i>Vaccinium boreale</i>	northern blueberry
<i>Vaccinium cespitosum</i>	dwarf blueberry
<i>Vaccinium macrocarpon</i>	large cranberry
<i>Vaccinium myrtilloides</i>	velvetleaf blueberry
<i>Vaccinium ovalifolium</i>	ovalleaf bilberry
<i>Vaccinium oxycoccos</i>	small cranberry, marshberry
<i>Vaccinium uliginosum</i>	alpine bilberry, bog bilberry

APPENDIX C Scientific and Common Names of Observed Plant Species

Scientific Name	Common Name
<i>Vaccinium vitis-idaea subsp. minus</i>	partridgeberry
<i>Veronica americana</i>	American brooklime
<i>Viburnum edule</i>	squashberry
<i>Viburnum nudum var. cassinoides</i>	northern wild raisin
<i>Viola arvensis</i>	european field pansy, heart's ease
<i>Viola blanda</i>	sweet white violet
<i>Viola cucullata</i>	marsh blue violet
<i>Viola labradorica</i>	Labrador violet, dog violet
<i>Viola lanceolata</i>	lanceleaf violet
<i>Viola palustris</i>	alpine marsh violet
<i>Viola renifolia</i>	kidneyleaf violet
<i>Viola selkirkii</i>	Selkirks's violet, great spurred violet
<i>Viola sororia</i>	woolly blue violet
<i>Viola sp.</i>	violet

APPENDIX D

Study Team Personnel

Study Team

Role	Personnel
Component Manager	Brent Keeping (2008-2009)
Lead Report Authors	Sean Bennett (2010)
	Brent Keeping (2008-2009)
	Chris Shupe
	Tina Newbury
Lead Vegetation Ecologists	Brent Keeping (2008)
	Michael Crowell
Lead Wildlife Ecologists	Perry Trimper
	Tina Newbury
GIS and Remote Sensing	Stephen Rowe
	Chris Shupe

Brent Keeping, B.Sc., has been conducting baseline environmental studies for more than 19 years with a focus on vegetation communities and rare plants. He was the primary ecologist undertaking the Broad Ecosystem Inventory of British Columbia and has extensive experience leading field teams in western and eastern Canada. As a vegetation ecologist with Jacques Whitford, he was a lead ecologist on the Project Area ELC for the Lower Churchill Hydroelectric Generation Project and has conducted numerous vegetation and rare plant studies for a variety of clients and project types in Newfoundland and Labrador and throughout Canada.

Perry Trimper, B.Sc.F., is a Principal with Jacques Whitford based in the Minaskuat Office in Labrador. Mr. Trimper is the overall Project Manager for the Terrestrial Wildlife Component and served as the Study Lead for several Environmental Baseline Reports for the Lower Churchill Hydroelectric Generation Project. His 25 years of experience is primarily in northern environments of both Canada and Russia, where areas of specialization include boreal and Arctic wildlife research, northern indigenous peoples, environmental assessment and sustainable resource development. Mr. Trimper has worked on a variety of projects in Labrador including hydro, military, mining and transportation developments, aboriginal culture and relationships with various wildlife species including caribou.

Chris Shupe, Geomatics/Remote Sensing Analyst with Jacques Whitford Stantec in Dartmouth, NS, is responsible for preparation, interpretation and analysis of satellite and air photo data to support various disciplines in preparing environmental assessments. He performs land cover identification and land use and disturbance classification to identify the impact of disturbances on the landscape. Before coming to Dartmouth, Chris held the role of senior analyst within Calgary's Geomatics department. As such, he has played a key role in the project planning, spatial analysis and mapping on key projects including Imperial Oil's Mackenzie Gas pipeline, Cold Lake and Kearn Lake SAGD projects and Altalink's Heartland 500kV transmission line project.

Tina Newbury, M.Sc., is an experienced wildlife biologist with over 10 years experience working in Newfoundland and Labrador. Ms. Newbury has participated and led a variety of wildlife investigations including: fall migration surveys for avifauna; relative abundance surveys for snowshoe hare in Labrador; telemetry studies associated with the breeding ecology, behavior, and survival of Harlequin Ducks in Labrador; breeding bird

(passerine) surveys along the Churchill River as part of IEMRs River Valley Ecosystem Project; and various other programs involving avifauna, mammals and their habitats. Her role in the Forest Songbird Environmental Baseline Study was as a Team Lead.

Michael Crowell, M.Sc., is a terrestrial ecologist with over 22 years of experience in Atlantic Canada. He has conducted a number of studies in Newfoundland and Labrador including the Rare Plant and ELC Environmental Baseline Studies for the Lower Churchill Hydroelectric Generation Project. He has participated in vegetation surveys for the proposed Trans Labrador Highway Phase III, and in the Voisey's Bay and Goose Bay areas. Mr. Crowell was a field researcher for this Project.

Stephen Rowe, B.Sc., is a GIS Specialist and Lead of the Information Management department with Jacques Whitford Limited in St. John's, Newfoundland. Since graduating with a Bachelor of Science degree in Geography in 1998, he has gained over nine years experience as a GIS professional. Mr. Rowe has a diverse background as a GIS professional including working for Parks Canada, Provincial Parks and for a seismic surveying company. Mr. Rowe has involved himself in various GIS and AutoCAD assignments including ecosystem mapping, linear corridor utility and pipeline projects, wetland and watershed studies, biophysical assessments, mapping of environmentally significant areas and species at risk, and a range of wildlife/resource management projects.

Sean Bennett, B.Sc., P.Biol., R.P.F., is a Professional Biologist (ASPB) & Professional Forester (CAPF) with over 14 years experience in the area of environmental consulting. A technical professional with focus on the assessment and characterization of terrestrial ecosystems, Mr. Bennett has provided expertise and coordinated projects throughout Canada in accordance with applicable federal and provincial (Sask., AB, BC, YK, N.W.T., Nunavut) regulatory requirements. Proficient in botanical/vegetation inventories (including taxonomy and species identification) and soil classification (Canadian System of Soil Classification), with demonstrated experience in the application of Ecological Land Classification (ELC) principles, he has conducted baseline environmental studies evaluating a variety of habitats to identify site-specific constraints (i.e., environmentally significant/sensitive areas) and develop appropriate mitigative measures for proposed developments. Mr. Bennett served in the capacity of technical reviewer during the later stages of this Study.