

Appendix C

Species Lists

Appendix C: Species Lists

This appendix contains lists of bird, mammal, fish, butterfly, and vascular plant species for Tetlin National Wildlife Refuge.

Tetlin National Wildlife Refuge bird species list

Family	Subfamily	Genus species	Common Name * -known to breed on TNWR
Gaviidae		<i>Gavia sellata</i>	Red-throated Loon
		<i>Gavia pacifica</i>	*Pacific Loon
		<i>Gavia immer</i>	*Common Loon
Podicipedidae		<i>Podiceps auritus</i>	*Horned Grebe
		<i>Podiceps grisegena</i>	*Red-necked Grebe
Phalacrocoracidae		<i>Phalacrocorax carbo</i>	Double-crested Cormorant
Cathartidae		<i>Cathares aura</i>	Turkey Vulture
Anatidae	Anserinae	<i>Anser albifrons</i>	Greater White-fronted Goose
		<i>Chen caerulescens</i>	Lesser Snow Goose
		<i>Branta Canadensis</i>	*Canada Goose
		<i>Branta bernicla</i>	Black Brant
		<i>Cygnus buccinators</i>	*Trumpeter Swan
		<i>Cygnus columbianus</i>	Tundra Swan
		<i>Anas strepera</i>	*Gadwall
		<i>Anas Americana</i>	*American Widgeon
		<i>Anas platyrhynchos</i>	*Mallard
		<i>Anas discors</i>	*Blue-winged Teal
		<i>Anas cyanoptera</i>	Cinnamon Teal
		<i>Anas clypeata</i>	*Northern Shoveler
		<i>Anas acuta</i>	*Northern Pintail
		<i>Anas crecca</i>	*American Green-winged Teal
		<i>Aythya valisneria</i>	*Canvasback
		<i>Aythya americana</i>	*Redhead
		<i>Aythya collaris</i>	*Ring-necked Duck
		<i>Aythya marila</i>	*Greater Scaup
		<i>Aythya affinis</i>	*Lesser Scaup
		<i>Melanitta perspicillata</i>	*Surf Scoter
		<i>Melanitta fusca</i>	*White-winged Scoter
		<i>Changula hyemalis</i>	Oldsquaw
		<i>Bucephala albeola</i>	*Bufflehead
		<i>Bucephala clangula</i>	*Common Goldeneye
		<i>Bucephala islandica</i>	*Barrow's Goldeneye
		<i>Mergus merganser</i>	Common Merganser
		<i>Mergus serrator</i>	Red-breasted Merganser
		<i>Oxyura jamaicensis</i>	Ruddy Duck
Accipitridae	Pandioninae	<i>Pandion haliaetus</i>	*Osprey
	Accipitrinae	<i>Haliaeetus leucocephalus</i>	*Bald Eagle
		<i>Circus cyaneus</i>	*Northern Harrier
		<i>Accipiter striatus</i>	*Sharp-shinned Hawk
		<i>Accipiter gentilis</i>	*Northern Goshawk
		<i>Buteo swainsoni</i>	Swainson's Hawk
		<i>Buteo jamaicensis</i>	*Red-tailed Hawk
<i>Buteo lagopus</i>	Rough-legged Hawk		

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		<i>Aquila chrysaetos</i>	*Golden Eagle
Falconidae	Falconinae	<i>Falco sparverius</i>	*American Kestrel
		<i>Falco columbarius</i>	*Merlin
		<i>Falco rusticolus</i>	*Gyr Falcon
		<i>Falco peregrinus</i>	*Peregrine Falcon
Phasianidae	Tetraoninae	<i>Bonasa umbellus</i>	*Ruffed Grouse
		<i>Falcapennis canadensis</i>	*Spruce Grouse
		<i>Lagopus lagopus</i>	*Willow Ptarmigan
		<i>Lagopus mutus</i>	*Rock Ptarmigan
		<i>Lagopus leucurus</i>	White-tailed Ptarmigan
		<i>Tympanuchus phasianellus</i>	*Sharp-tailed Grouse
Rallidae		<i>Porzana carolina</i>	*Sora
		<i>Fulica americana</i>	*American Coot
Gruidae	Gruinae	<i>Grus canadensis</i>	*Sandhill Crane
Charadriidae	Charadriinae	<i>Pluvialis squatarola</i>	Black-bellied Plover
		<i>Pluvialis dominica</i>	*American Golden-Plover
		<i>Charadrius semipalmatus</i>	*Semipalmated Plover
		<i>Charadrius vociferus</i>	*Killdeer
Scolopacidae	Scolopacinae	<i>Tringa melanoleuca</i>	Greater Yellowlegs
		<i>Tringa flavipes</i>	*Lesser Yellowlegs
		<i>Tringa solitaria</i>	*Solitary Sandpiper
		<i>Heteroscelus incanus</i>	*Wandering Tattler
		<i>Actitis macularia</i>	*Spotted Sandpiper
		<i>Bartramia longicauda</i>	*Upland Sandpiper
		<i>Numenius phaeopus</i>	*Whimbrel
		<i>Limosa haemastica</i>	Hudsonian Godwit
		<i>Arenaria interpres</i>	Ruddy Turnstone
		<i>Arenaria melanocephala</i>	Black Turnstone
		<i>Aphriza virgata</i>	Surfbird
		<i>Calidris pusilla</i>	Semipalmated Sandpiper
		<i>Calidris mauri</i>	Western Sandpiper
		<i>Calidris minutilla</i>	*Least Sandpiper
		<i>Calidris bairdii</i>	Baird's Sandpiper
		<i>Calidris melanotos</i>	Pectoral Sandpiper
		<i>Tryngites subruficollis</i>	Buff-breasted Sandpiper
		<i>Limnodromus griseus</i>	Short-billed Dowitcher
		<i>Limnodromus scolopaceus</i>	Long-billed Dowitcher
		<i>Gallinago gallinago</i>	*Wilson's Snipe
	Phalaropodinae	<i>Phalaropus lobatus</i>	*Red-necked Phalarope
Laridae	Stercorariinae	<i>Stercorarius parasiticus</i>	Parasitic Jaeger
	Larinae	<i>Larus ridibundus</i>	Black-headed Gull
		<i>Larus philadelphia</i>	*Bonaparte's Gull
		<i>Larus canus</i>	*Mew Gull
		<i>Larus argentatus</i>	Herring Gull
		<i>Larus glaucescens</i>	Glaucous-winged Gull
		<i>Larus hyperboreus</i>	Glaucous Gull
		<i>Xema sabini</i>	Sabine's Gull
	Sterninae	<i>Sterna paradisaea</i>	*Arctic Tern

Family	Subfamily	Genus species	Common Name * -known to breed on TNWR
		<i>Chlidonias niger</i>	Black Tern
Columbidae		<i>Columba livia</i>	Rock Dove
Strigidae		<i>Bubo virginianus</i>	*Great Horned Owl
		<i>Nyctea scandiaca</i>	Snowy Owl
		<i>Surnia ulula</i>	*Northern Hawk Owl
		<i>Strix nebulosa</i>	*Great Gray Owl
		<i>Asio flammeus</i>	*Short-eared Owl
		<i>Aegolius funereus</i>	*Boreal Owl
Caprimulgidae	Chorodeilinae	<i>Chordeiles minor</i>	Common Nighthawk
Trochilidae	Trochilinae	<i>Calypte anna</i>	Anna's Hummingbird
Alcedinidae	Cerylinae	<i>Ceryle alcyon</i>	*Belted Kingfisher
Picidae	Picinae	<i>Sphyrapicus varius</i>	*Yellow-bellied Sapsucker
		<i>Sphyrapicus ruber</i>	Red-breasted Sapsucker
		<i>Picoides pubescens</i>	Downy Woodpecker
		<i>Picoides villosus</i>	*Hairy Woodpecker
		<i>Picoides tridactylus</i>	*Three-toed Woodpecker
		<i>Picoides arcticus</i>	*Black-backed Woodpecker
		<i>Colaptes auratus auratus</i>	*Northern 'Yellow-shafted' Flicker
Tyrannidae	Fluvicolinae	<i>Contopus cooperi</i>	*Olive-sided Flycatcher
		<i>Contopus sordidulus</i>	*Western Wood-Pee-wee
		<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher
		<i>Empidonax alnorum</i>	*Alder Flycatcher
		<i>Empidonax minimus</i>	Least Flycatcher
		<i>Empidonax hammondi</i>	Hammond's Flycatcher
		<i>Sayornis saya</i>	*Say's Phoebe
Laniidae		<i>Lanius excubitor</i>	*Northern Shrike
Vireonidae		<i>Vireo gilvus</i>	Warbling Vireo
Corvidae		<i>Perisoreus canadensis</i>	*Gray Jay
		<i>Pica pica</i>	*Black-billed Magpie
		<i>Corvus corax</i>	*Common Raven
Alaudidae		<i>Eremophila alpestris</i>	*Horned Lark
Hirundinidae	Hirundininae	<i>Tachycineta bicolor</i>	*Tree Swallow
		<i>Tachycineta thalassina</i>	*Violet-green Swallow
		<i>Riparia riparia</i>	*Bank Swallow
		<i>Petrochelidon pyrrhonota</i>	*Cliff Swallow
		<i>Hirundo rustica</i>	*Barn Swallow
Paridae		<i>Poecile atricapillus</i>	*Black-capped Chickadee
		<i>Poecile hudsonicus</i>	*Boreal Chickadee
		<i>Poecile cinctus</i>	Gray-headed Chickadee
Sittidae	Sittinae	<i>Sitta canadensis</i>	Red-breasted Nuthatch
Certhiidae	Certhiinae	<i>Certhia americana</i>	Brown Creeper
Cinclidae		<i>Cinclus mexicanus</i>	American Dipper
Regulidae		<i>Regulus satrapa</i>	Golden-crowned Kinglet
		<i>Regulus jocosus</i>	*Ruby-crowned Kinglet
Sylviidae	Sylviinae	<i>Phylloscopus borealis</i>	Arctic Warbler
Turdidae		<i>Oenanthe oenanthe</i>	Northern Wheatear
		<i>Sialia sialis</i>	*Mountain Bluebird
		<i>Myadestes townsendi</i>	*Townsend's Solitaire

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		<i>Catharus minimus</i>	*Gray-cheeked Thrush
		<i>Catharus ustulatus</i>	*Swainson's Thrush
		<i>Catharus guttatus</i>	*Hermit Thrush
		<i>Turdus migratorius</i>	*American Robin
		<i>Ixoreus naevius</i>	*Varied Thrush
Sturnidae		<i>Sturnus vulgaris</i>	*European Starling
Motacillidae		<i>Motacilla lugens</i>	Black-backed Wagtail
		<i>Anthus rubescens</i>	*American Pipit
Bombycillidae		<i>Bombycilla garrulus</i>	*Bohemian Waxwing
Parulidae		<i>Vermivora peregrina</i>	Tennessee Warbler
		<i>Vermivora celata celata</i>	*Orange-crowned Warbler
		<i>Dendroica petechia</i>	*Yellow Warbler
		<i>Dendroica coronata</i>	*Yellow-rumped "Myrtle" Warbler
		<i>Dendroica townsendi</i>	*Townsend's Warbler
		<i>Dendroica striata</i>	Blackpoll Warbler
		<i>Seiurus noveboracensis</i>	*Northern Waterthrush
		<i>Geothlypis trichas</i>	Common Yellowthroat
		<i>Wilsonia pusilla</i>	*Wilson's Warbler
Emberizidae		<i>Spizella arborea</i>	*American Tree Sparrow
		<i>Spizella passerina</i>	*Chipping Sparrow
		<i>Spizella pallida</i>	Clay-Colored Sparrow
		<i>Spizella breweri</i>	*Brewer's "Timberline" Sparrow
		<i>Chondestes grammacus</i>	Lark Sparrow
		<i>Passerculus sandwichensis</i>	*Savannah Sparrow
		<i>Passerella iliaca</i>	*Fox Sparrow
		<i>Melospiza melodia</i>	Song Sparrow
		<i>Melospiza lincolni</i>	*Lincoln's Sparrow
		<i>Zonotrichia albicollis</i>	White-throated Sparrow
		<i>Zonotrichia leucophrys gambelii</i>	*Gambel's White-crowned Sparrow
		<i>Zonotrichia atricapilla</i>	Golden-crowned Sparrow
		<i>Junco hyemalis hyemalis</i>	*Slate-colored Junco
		<i>Calcarius lapponicus</i>	Lapland Longspur
		<i>Calcarius pictus</i>	*Smith's Longspur
		<i>Plectrophenax nivalis</i>	Snow Bunting
		<i>Plectrophenax hyperboreus</i>	McKay's Bunting
Icteridae		<i>Agelaius phoeniceus</i>	*Red-winged Blackbird
		<i>Sturnella neglecta</i>	Western Meadowlark
		<i>Euphagus carolinus</i>	*Rusty Blackbird
		<i>Molothrus ater</i>	Brown-headed Cowbird
Fringillidae	Carduelinae	<i>Leucosticte tephrocotis</i>	Gray-crowned Rosy-Finch
		<i>Pinicola enucleator</i>	*Pine Grosbeak
		<i>Carpodacus purpureus</i>	Purple Finch
		<i>Loxia leucoptera</i>	*White-winged Crossbill
		<i>Carduelis flammea</i>	*Common Redpoll
		<i>Carduelis hornemanni</i>	Hoary Redpoll
		<i>Carduelis pinus</i>	Pine Siskin

Tetlin National Wildlife Refuge mammal species list

Family	Genus species ¹	Common Name	Status ²
Soricidae	<i>Sorex cinereus</i>	Common shrew	Resident
	<i>Sorex hoyi</i>	Pygmy shrew	Resident
	<i>Sorex monticus</i>	Dusky shrew	Resident
	<i>Sorex palustris</i>	Water shrew	Probable
	<i>Sorex tundrensis</i>	Tundra shrew	Probable
	<i>Sorex yukonicus</i>	Tiny Shrew	Probable
Phyllostomidae	<i>Myotis lucifugus</i>	Little brown bat	Resident
Canidae	<i>Canis latrans</i>	Coyote	Resident
	<i>Canis lupus</i>	Wolf	Resident
	<i>Vulpes fulva</i>	Red fox	Resident
Felidae	<i>Lynx canadensis</i>	Lynx	Resident
Mustelidae	<i>Lontra canadensis</i>	River otter	Resident
	<i>Gulo gulo</i>	Wolverine	Resident
	<i>Martes americana</i>	Marten	Resident
	<i>Mustela erminea</i>	Ermine	Resident
	<i>Mustela nivalis</i>	Least weasel	Resident
Ursidae	<i>Mustela vison</i>	Mink	Resident
	<i>Ursus americanus</i>	Black bear	Resident
Cervidae	<i>Ursus horribilis</i>	Grizzly bear	Resident
	<i>Alces alces</i>	Moose	Resident
Bovidae	<i>Rangifer tarandus</i>	Caribou	Resident
	<i>Bison bison</i>	Wood bison	Incidental
Sciuridae	<i>Ovis dalli</i>	Dall's sheep	Resident
	<i>Citellus parryi</i>	Arctic ground squirrel	Possible
	<i>Tamiasciurus hudsonicus</i>	Red squirrel	Resident
Castoridae	<i>Glaucomys sabrinus</i>	Northern flying squirrel	Resident
	<i>Castor canadensis</i>	Beaver	Resident
Dipodidae	<i>Zapus hudsonicus</i>	Meadow jumping mouse	Probable
Muridae	<i>Clethrionomys rutilus</i>	Northern red-backed vole	Resident
	<i>Lemmus trimucronatus</i>	Brown lemming	Probable
	<i>Microtus longicaudus</i>	Long-tailed vole	Possible
	<i>Microtus miurus</i>	Singing vole	Possible
	<i>Microtus oeconomus</i>	Tundra vole	Probable
	<i>Microtus pennsylvanicus</i>	Meadow vole	Resident
	<i>Microtus xanthognathus</i>	Yellow-cheeked vole	Resident
	<i>Ondatra zibethica</i>	Muskrat	Resident
	<i>Synaptomys borealis</i>	Northern bog lemming	Resident
Erethizontidae	<i>Erethizon dorsatum</i>	Porcupine	Resident
Ochotonidae	<i>Ochotona collaris</i>	Collared pika	Possible
Leporidae	<i>Lepus americanus</i>	Snowshoe hare	Resident

¹ Genus species from Jarrell et al. Checklist to the Mammals of Alaska

² Residents—species known to occur from regular observations and/or from specimens collected on or near the Refuge. Probable—species documented near the Refuge; Refuge is within known range of species; and habitat is available. Possible—species not documented in, or adjacent to, the Refuge but Refuge is within known range and habitat is available. Revised February 24, 2003.

Tetlin National Wildlife Refuge fish species list

Family	Genus species	Common Name
Salmonidae	<i>Coregonus sardinella</i>	Least Cisco
	<i>Prosopium cylindraceum</i>	Round Whitefish
	<i>Coregonus pidschian</i>	Humpback Whitefish
	<i>Oncorhynchus mykiss</i>	Rainbow trout
	<i>Salvelinus namaycush</i>	Lake Trout
	<i>Salvelinus malma</i>	Dolly Varden
	<i>Oncorhynchus tshawytscha</i>	Chinook Salmon
	<i>Oncorhynchus keta</i>	Chum Salmon
	<i>Thymallus arcticus</i>	Arctic Grayling
Esocidae	<i>Esox lucius</i>	Northern Pike
Cyprinidae	<i>Couesius plumbeus</i>	Lake Chub
Catostomidae	<i>Catostomus catostomus</i>	Longnose Sucker
Lotidae	<i>Lota lota</i>	Burbot
Cottidae	<i>Cottus cognatus</i>	Slimy Sculpin

Tetlin National Wildlife Refuge butterfly species list

Family	Genus species	Common Name
Swallowtails (Family Papilionidae)		
Swallowtails (Subfamily Papilioninae)		
	<i>Papilio machaon</i>	Old World Swallowtail
	<i>Papilio Canadensis</i> (=Pterourus canadensis)	Canadian Tiger Swallowtail
Whites and Sulphurs (Family Pieridae)		
Whites (Subfamily Pierinae)		
	<i>Pontia occidentalis</i>	Western White
	<i>Pieris napi</i>	Mustard White
	<i>Euchloe creusa</i>	Northern Marble
Sulphurs (Subfamily Coliadinae)		
	<i>Colias philodice</i>	Clouded Sulphur
	<i>Colias krauthii kluanensis</i>	Kluane Sulphur
	<i>Colias palaeno</i>	Palaeno Sulphur
	<i>Colias Canadensis</i>	Canadian Sulphur
	<i>Colias gigantea</i>	Giant Sulphur
	<i>Colias nastes</i>	Labrador Sulphur
Gossamer-wing Butterflies (Family Lycaenidae)		
Coppers (Subfamily Lycaeninae)		
	<i>Lycaena phlaeas arethusa</i>	American Copper
	<i>Epidemia dorcas</i>	Dorcas Copper
Hairstreaks (Subfamily Theclinae)		
	<i>Incisalia polia</i>	Hoary Elfin
Blues (Subfamily Polyommatainae)		
	<i>Everes amyntula</i>	Western Tailed Blue
	<i>Celastrina ladon</i>	Spring Azure
	<i>Glaucopsyche lygdamus</i>	Silvery Blue
	<i>Lycaeides idas</i>	Northern Blue
	<i>Plebejus saepiolus</i>	Greenish Blue
	<i>Vacciniina optilete</i>	Cranberry Blue
Brush-footed Butterflies (Family Nymphalidae)		
Heliconians and Fritillaries (Subfamily Heliconiinae)		
	<i>Speyeria atlantis</i>	Atlantis Fritillary
	<i>Boloria eunomia</i> (=Clossiana eunomia)	Bog Fritillary
	<i>Boloria selene</i> (=Clossiana selene)	Silver-bordered Fritillary
	<i>Boloria polaris</i> (=Clossiana polaris)	Polaris Fritillary
	<i>Boloria frigga</i> (=Clossiana frigga)	Frigga Fritillary
	<i>Boloria freija</i> (=Clossiana freija)	Freija Fritillary
	<i>Boloria titania</i> (Clossiana titania)	Titania Fritillary
	<i>Boloria chariclea</i> (=Clossiana chariclea)	Arctic Fritillary
	<i>Phyciodes pratensis</i>	Field Crescent
True Brush-foots (Subfamily Nymphalinae)		
	<i>Polygonia faunus</i>	Green Comma
	<i>Polygonia gracilis</i>	Hoary Comma
	<i>Nymphalis antiopa</i>	Mourning Cloak

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Family	Genus species	Common Name
	<i>Aglais milberti</i>	Milbert's Tortoiseshell
Admirals and Relatives (Subfamily Limenitidinae)		
	<i>Basilarchia arthemis</i>	White Admiral
Satyrs (Subfamily Satyrinae)		
	<i>Coenonympha kodiak</i>	Kodiak Ringlet
	<i>Erebia mancinus</i>	Taiga alpine
	<i>Erebia discoidalis</i>	Red-disked Alpine
	<i>Erebia epipsodea</i>	Common Alpine
	<i>Oeneis chryxus</i>	Chryxus Arctic
	<i>Oeneis bore</i>	Bore Artic
	<i>Oeneis jutta</i>	Jutta Arctic
	<i>Oeneis rosovi</i>	Rosovi Arctic
Skippers (Family Hesperidae)		
Spread-wing Skippers (Subfamily Pyrginae)		
	<i>Erynnis persius</i>	Persius Duskywing
Grass Skippers (Subfamily Hesperinae)		
	<i>Carterocephalus palaemon</i>	Arctic skipper
	<i>Hesperia comma manitoba</i>	Common Branded Skipper

Tetlin National Wildlife Refuge vascular plant species list

Family	Genus species	Common Name
Araceae	<i>Calla palustris</i>	Calla, Wild
Betulaceae	<i>Betula glandulosa</i>	Birch, Shrub
	<i>Betula papyrifera</i>	Birch, Paper
	<i>Alnus crispa</i>	Alder, Mountain
Boraginaceae	<i>Lappula occidentalis</i>	Stickseed
	<i>Lappula myosotis</i> Moench	Stickseed
	<i>Mertensia paniculata</i>	Bluebell
Campanulaceae	<i>Campanula lasiocarpa</i>	Bellflower
Caprifoliaceae	<i>Viburnum edule</i>	Cranberry, High Bush
Caprifoliaceae	<i>Linnaea borealis</i>	Twinflower
Caryophyllaceae	<i>Stellaria crassifolia</i>	Chickweed
	<i>Melandrium affine</i> J.Vahl	
	<i>Moehringia lateriflora</i> (L.) Fenzl.	Grove Sandwort
	<i>Melandrium taimyrense</i>	
	<i>Silene acaulis</i> L. <i>subacaulescens</i> (F.N. Williams) Hult.	Moss Champion
	<i>Stellaria longifolia</i>	Chickweed
	<i>Stellaria edwardsii</i>	Chickweed
	<i>Stellaria longipes</i>	Chickweed
	<i>Ceratophyllum demersum</i>	Hornwort
	<i>Chenopodium capitatum</i>	Blite, Strawberry
Compositae	<i>Arnica alpina</i>	Arnica, Alpine
	<i>Arnica frigida</i>	Arnica, Frigid
	<i>Erigeron elatus</i>	Fleabane
	<i>Petasites hyperboreus</i>	Coltsfoot
	<i>Aster sibericus</i>	Aster, Siberian
	<i>Achillea millefolium</i>	Yarrow, Common
	<i>Achillea lanulosa</i>	Yarrow
	<i>Aster junciformis</i>	
	<i>Achillea sibirica</i>	Yarrow
	<i>Taraxacum ceratophorum</i>	Dandelion
	<i>Achillea borealis</i>	Yarrow
	<i>Saussurea angustifolia</i>	Saussurea
	<i>Senecio ogotorokensis</i>	Ragwort
	<i>Petasites sagittatus</i>	Coltsfoot, Sweet
	<i>Matricaria matricarioides</i>	Pineapple Weed
	<i>Erigeron acris</i>	Fleabane
	<i>Solidago decumbens</i>	Goldenrod
	<i>Artemisia borealis</i>	Northern Wormwood
	<i>Petasites frigidus</i>	Coltsfoot, Frigid
	<i>Crepis elegans</i>	Elegant Hawk's-beard
	<i>Crepis nana</i>	Hawk's-beard
	<i>Solidago multiradiata</i>	Mountain Goldenrod
	<i>Antennaria pulcherrima</i>	Showy Everlasting
<i>Senecio congestus</i>	Mastadon Flower	
<i>Senecio conterminus</i>	Ragwort	
<i>Senecio lugens</i> Richards.		

Appendix C: Species List

Family	Genus species	Common Name
	Senecio atropurpureus (Ledeb.) Fedtsch.	
	Senecio pauciflorus Pursh	Alpine Butterweed, Rayless
Compositae	Bidens cernua L.	
Cornaceae	Cornus canadensis	Bunchberry
Cruciferae	Draba nivalis Liljeb.	
	Barbarea orthoceras	Cress, Winter
	Rorippa islandica	
	Cardamine pratensis	Cuckoo Flower
	Braya humilis (C.A.Mey.) Robins	
	Erysimum cheiranthoides	
	Parrya nudicaulis	Parrya
	Arabis holboellii	Cress, Rock
	Lepidium densiflorum	
	Rorippa hispida	
Cupressaceae	Juniperus communis nana	Juniper, Mountain
Cyperaceae	Carex capitata	Sedge
	Carex disperma	Sedge
	Carex praticola	Sedge
	Carex rostrata	Sedge, Beaked
	Carex vaginata	Sedge
	Trichophorum alpinum	
	Eriophorum brachyantherum	Cotton Grass
	Carex tenuiflora Wahlenb.	
	Scirpus validus	Bulrush
	Eleocharis palustris	Spike, Rush
	Carex aurea Nutt.	
	Eriophorum scheuchzeri	Cotton Grass
	Carex membranacea	
	Carex media R.Br.	
	Carex physocarpa	
	Trichophorum caespitosum (L.) Hartm.	
	Carex scirpoidea Michx.	
	Eriophorum angustifolium	
	Eriophorum vaginatum vaginatum	
	Eriophorum vaginatum spissum	Hare's Tail Grass
	Carex bigelowii	
	Carex aquatilis Wahlemb.	Sedge, Water
Droseraceae	Drosera anglica	Sundew, Long-leaf
Droseraceae	Drosera rotundifolia	Sundew, Round-leaf
Elaeagnaceae	Shepherdia Canadensis	Soapberry
	Elaeagnus commutata	Silverberry
Empetraceae	Empetrum nigrum hermaphroditum	Crowberry
	Equisetum scirpoides	Horsetail
	Equisetum arvense	Horsetail
	Equisetum silvaticum	Horsetail
	Equisetum fluviatile	Horsetail
Ericaceae	Ledum palustre groenlandicum	Labrador Tea

Family	Genus species	Common Name
	<i>Cassiope tetragona tetragona</i>	Lapland Cassiope
	<i>Ledum palustre decumbens</i>	Labrador Tea, Narrow leaf
	<i>Arctostaphylos uva-ursi</i>	Kinnikinnick
	<i>Andromeda polifolia</i>	
	<i>Rhododendron lapponicum</i>	Rosebay, Lapland
	<i>Loiseluria procumbens</i> (L.) Desv.	Alpine Azalea
	<i>Oxycoccus microcarpus</i>	Bog Cranberry
	<i>Vaccinium uliginosum</i>	Blueberry, Alpine
	<i>Vaccinium vitis-idaea</i>	Lingonberry
	<i>Arctostaphylos rubra</i>	Bearberry, Red Fruit
	<i>Chamaedaphne calyculata</i>	Leatherleaf
Fumariaceae	<i>Corydalis sempervirens</i>	Corydalis, Pale
Gentianaceae	<i>Gentiana barbata</i>	Bearded Gentian
	<i>Lomatogonium rotatum</i>	Star Gentian
	<i>Gentiana propinqua</i>	
	<i>Menyanthes trifoliata</i>	Buckbean
Gramineae	<i>Calamagrostis purpurascens</i>	Grass, Reed Bent
	<i>Calamagrostis neglecta</i>	Grass, Reed Bent
	<i>Poa alpigena</i>	
	<i>Phleum commutatum</i>	Mountain Timothy
	<i>Calamagrostis canadensis</i>	Grass, Reed Bent
	<i>Agropyron pauciflorum pauciflorum</i>	Grass, Wheat
	<i>Agrostis scabra</i>	Grass, Bent
	<i>Arctagrostis latifolia</i>	Grass, Polar
	<i>Poa glauca</i>	
	<i>Alopecurus pratensis</i>	Foxtail
	<i>Beckmannia erucaeformis baicalensis</i>	Grass, Slough
	<i>Hordeum jubatum</i>	Grass, Squirreltail
	<i>Festuca saximontana</i>	Grass, Fescue
	<i>Elymus innovatus</i>	Grass, Lyme
	<i>Festuca altaica</i>	Grass, Fescue
	<i>Bromus pumpellianus</i>	Grass, Bent
	<i>Festuca rubra</i>	
	<i>Deschampsia caespitosa</i>	
	<i>Poa arctica</i>	
	<i>Trisetum spicatum</i>	
Haloragaceae	<i>Myriophyllum spicatum</i>	Water Milfoil
Haloragaceae	<i>Hippuris vulgaris</i>	Mare's Tail, Common
Iridaceae	<i>Iris setosa interior</i>	Wild Flag
Juncaceae	<i>Juncus arcticus alaskanus</i>	Rush
	<i>Juncus alpinus</i>	Rush
	<i>Juncus castaneus</i>	Rush
Juncaginaceae	<i>Triglochin maritimum</i> L.	Arrow Grass
Juncaginaceae	<i>Triglochin palustris</i>	Arrow Grass
Labiatae	<i>Scutellaria galericulata</i>	Skullcap
Leguminosae	<i>Hedysarum alpinum americanum</i>	Liquorice-root
	<i>Lupinus arcticus</i>	Lupine
	<i>Melilotus albus</i>	Clover, Yellow Sweet

Appendix C: Species List

Family	Genus species	Common Name
	<i>Oxytropis deflexa</i> (Pall.) DC. var. <i>foliosa</i> (Hook.) Barneby	Crazy Weed, Pendant-pod
	<i>Oxytropis campestris gracilis</i>	Oxytrope, Northern Yellow
	<i>Melilotus officinalis</i>	Clover, Yellow Sweet
Lemnaceae	<i>Lemna trisulca</i>	Duckweed
Lemnaceae	<i>Lemna minor</i>	Duckweed, Lesser
Lentibulariaceae	<i>Pinguicula villosa</i>	Hairy Butterwort
	<i>Utricularia vulgaris macrorhiza</i>	Bladderwort
Liliaceae	<i>Tofieldia glutinosa</i> (Michx.) Pers. ss. <i>brevistyla</i> Hitchc.	
	<i>Zygadenus elegans</i>	Camass, Death
	<i>Tofieldia pusilla</i>	Asphodel, False
Lycopodiaceae	<i>Lycopodium annotinum annotinum</i>	Stiff Club Moss
	<i>Lycopodium selago selago</i>	Fir Club Moss
	<i>Lycopodium annotinum pungens</i>	Stiff Club Moss
Marchantiaceae	<i>Marchantia polymorpha</i>	
Myricaceae	<i>Myrica gale tomentosa</i>	Sweet Gale
Nymphaeaceae	<i>Nuphar polysepalum</i>	Pond Lily, Yellow
Onagraceae	<i>Epilobium palustre</i>	
	<i>Epilobium hornemannii</i>	
	<i>Epilobium angustifolium</i>	Fireweed
	<i>Epilobium latifolium</i>	River Beauty
Orchidaceae	<i>Plantanthera obtusata</i>	One-leaved Rein Orchid
	<i>Calypso bulbosa</i>	Lady's Slipper
	<i>Amerorchis rotundifolia</i>	Orchis, Fly-specked
	<i>Platanthera hyperborea</i>	Bog Orchis
	<i>Corallorrhiza trifida</i>	Northern Coral Root
	<i>Spiranthes romanzoffiana</i>	Ladies' Tresses
	<i>Cypripedium passerinum</i>	Northern Lady's Slipper
	<i>Goodyera repens</i>	Rattlesnake plantain
Orobanchaceae	<i>Boschniakia rossica</i>	Broomrape
Papaveraceae	<i>Papaver macounii</i> Greene	Macoun's Poppy
Pinaceae	<i>Picea glauca</i>	Spruce, White
Plantaginaceae	<i>Plantago major major</i>	Plantain, Common
Polemoniaceae	<i>Polemonium acutiflorum</i>	Jacob's Ladder
	<i>Polemonium pulcherrimum</i>	Jacob's Ladder, Tall
Polygonaceae	<i>Polygonum viviparum</i>	
	<i>Polygonum amphibium laevimarginatum</i>	Water Smartweed
	<i>Rumex arcticus</i>	Dock, Arctic
	<i>Polygonum alaskanum</i>	Rhubarb, Wild
	<i>Polytrichum juniperinum</i>	Haircap Moss
Potamogetonaceae	<i>Potamogeton vaginatus</i>	Pondweed
Primulaceae	<i>Lysimachia thrysiflora</i>	Loosestrife, Tufted
	<i>Dodecatheon pulchellum pauciflorum</i>	Shooting Star
	<i>Androsace septentrionalis</i>	
	<i>Primula sibirica</i>	Siberian Primrose
Pyrolaceae	<i>Pyrola asarifolia</i>	Pyrola, Pink

Family	Genus species	Common Name
	<i>Moneses uniflora</i>	Single Delight
	<i>Pyrola chlorantha</i> Sw.	Pyrola, Green
	<i>Pyrola secunda secunda</i>	One-sided Wintergreen
Ranunculaceae	<i>Delphinium glaucum</i>	Larkspur
	<i>Ranunculus lapponicus</i>	
	<i>Ranunculus gmelini</i>	
	<i>Anemone multifida</i>	Anemone, Cutleaf
	<i>Anemone parviflora</i>	Anemone, Northern
	<i>Anemone richardsonii</i>	Anemone, Yellow
	<i>Anemone narcissiflora</i> L.	Anemone, Narcissus-flowered
	<i>Pulsatilla patens</i>	Pasque Flower
Rosaceae	<i>Dryas drummondii</i>	Dryas, Yellow
	<i>Spiraea beauverdiana</i>	Spiraea, Alaska
	<i>Potentilla hookeriana</i>	
	<i>Dryas integrifolia integrifolia</i>	Dryas
	<i>Potentilla fruticosa</i>	Cinquefoil, Shrubby
	<i>Potentilla multifida</i>	
	<i>Rosa acicularis</i>	Rose, Prickly Wild
	<i>Potentilla norvegica</i>	
	<i>Potentilla palustris</i>	Marsh Fivefinger
	<i>Rubus arcticus arcticus</i>	Nagoonberry
	<i>Geum macrophyllum perincisum</i>	
	<i>Rubus chamaemorus</i>	Cloudberry
Rubiaceae	<i>Galium boreale</i>	Bedstraw
Salicaceae	<i>Populus balsamifera</i>	Poplar, Balsam
	<i>Salix arctica</i>	Willow, Arctic
	<i>Salix arbusculoides</i>	Willow, Littletree
	<i>Salix glauca</i>	Willow, Greyleaf
	<i>Salix candida</i>	Willow, Silver
	<i>Salix brachycarpa</i>	Willow, Barren Ground
	<i>Populus tremuloides</i>	Aspen, Quaking
	<i>Salix barclayi</i>	Willow, Barclay
	<i>Salix myrtilifolia</i>	Willow, Low Blueberry
	<i>Salix phlebophylla</i>	Willow, Skeletonleaf
	<i>Salix bebbiana</i>	Willow, Bebb's
	<i>Salix alaxensis</i>	Willow, Feltleaf
	<i>Salix scouleriana</i>	Willow, Scouler's
	<i>Salix lanata richardsonii</i>	Willow, Richardson's
	<i>Salix polaris pseudopolaris</i>	Willow, Polar
	<i>Salix novae-angliae</i> Anderss.	Willow, Tall Blueberry
	<i>Salix monticola</i> Bebb	Willow, Park
	<i>Salix planifolia pulchra</i>	Willow, Diamondleaf
	<i>Salix reticulata</i>	Willow, Net Leaf
Santalaceae	<i>Geocaulon lividum</i>	Toadflax
Saxifragaceae	<i>Ribes hudsonianum</i>	Currant, Northern Black
	<i>Ribes triste</i>	Northern Red Currant
	<i>Saxifraga tricuspidata</i>	Saxifrage, Prickly
	<i>Saxifraga hieracifolia</i>	Saxifrage, Stiff-Stemmed

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Family	Genus species	Common Name
	<i>Parnassia palustris meogaea</i>	Grass-of-Parnassus
	<i>Chrysosplenium tetrandrum</i>	Water Carpet, Northern
	<i>Saxifraga reflexa</i>	
Scrophulariaceae	<i>Euphrasia disjuncta</i>	Eyebright
	<i>Pedicularis kanei</i> Durand ss. <i>kanei</i>	Lousewort, Wooly
	<i>Pedicularis sudetica</i> Willd. Hult. ss. interior	
	<i>Pentstemon gormani</i>	Yukon Beardtongue
	<i>Pedicularis oederi</i>	Lousewort, Oeder's
	<i>Pedicularis labridorica</i>	Lousewort, Labrador
	<i>Castilleja caudata</i>	Indian Paintbrush
Selaginellaceae	<i>Selaginella sibirica</i>	
	<i>Sparganium minimum</i> (Hartm.) E.	
Sparganiaceae	Fries E. Fries	Bur Reed
Umbelliferae	<i>Cicuta mackenzieana</i>	Hemlock, Water or Poison
	<i>Cnidium cnidiifolium</i>	
	<i>Sium suave</i>	Parsnip, Water
	<i>Bupleurum triradiatum arcticum</i>	Thoroughwax
Valerianaceae	<i>Valeriana capitata</i>	Mountain Heliotrope