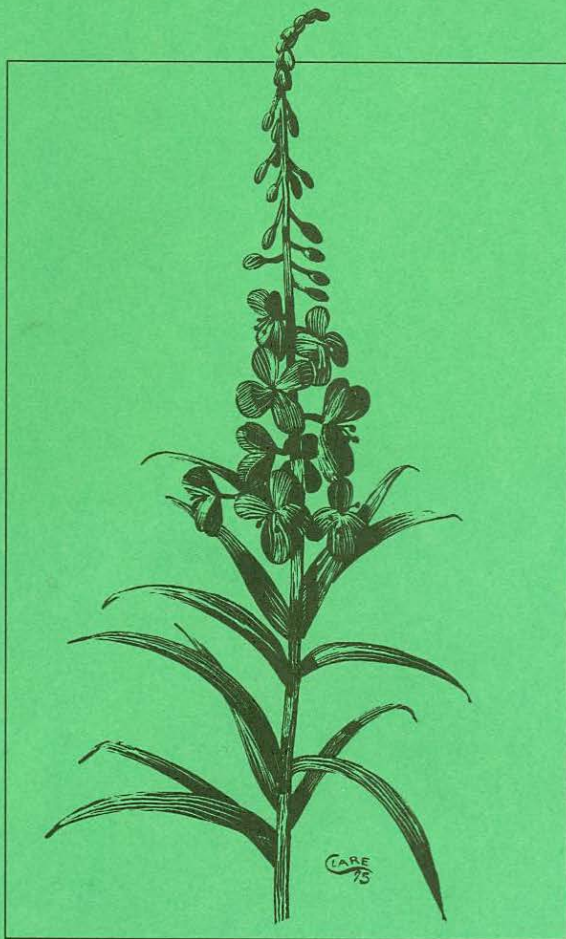


GLACIER BAY
National Park and Preserve

VASCULAR

PLANT CHECKLIST



Giant Fireweed
Epilobium angustifolium

Glacier Bay National Park and Preserve

P.O. Box 140
Gustavus, Alaska 99826-0140



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GLACIER BAY National Park and Preserve

VASCULAR

PLANT CHECKLIST

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Introduction

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This list is intended to contain all vascular plant species known or postulated to occur in Glacier Bay National Park and Preserve, including Gustavus, Alaska. Its purpose is to provide both layperson and scientist with a reliable catalog of species likely to be encountered in the area. Particular attention has been given to common names and to disposition of herbarium specimens in order to facilitate further inquiry into the flora.

Nomenclature follows that employed in the Glacier Bay Herbarium, which is generally that of Eric Hultén's *Flora of Alaska and Neighboring Territories* except some family names and a few annotations by specialists. (Exceptions are given in parenthesis).

No attempt has been made to provide synonymies; these can be found in Hultén, which is also recommended for range maps and illustrations of species. The most authoritative keys and species descriptions are to be found in Stanley Welsh's *Anderson's Flora of Alaska*.

These genera are in particular need of further examination by specialists: *Potamogeton*, *Agrostis*, *Calamagrostis*, *Poa*, *Puccinellia*, *Carex*, *Cypripedium*, *Atriplex*, *Stellaria*, *Epilobium*, *Arctostaphylos*, *Castilleja*.

Each species represented by a herbarium specimen is annotated with a subscript in this fashion:

- H - Any species represented in the Glacier Bay Herbarium.
- M - Additional species represented in the University of Minnesota Herbarium.
- F - Additional species represented in the Tongass National Forest Service Herbarium.
- L - A specimen which was in Glacier Bay Herbarium, but now is lost.

The list is divided into two parts:

Neither Part A nor Part B lists plants that have escaped from cultivation unless they have become established.

Part A

The main body of the list contains all species of known or probable occurrence.

Species on this list are annotated as follows:

1 - Present in Glacier Bay National Park & Preserve / Gustavus:

Species represented in the Glacier Bay or another Herbarium for which the taxonomy is straightforward or has been checked by a specialist.

2 - Probably present in Glacier Bay National Park & Preserve / Gustavus:

Species represented in the Glacier Bay or another Herbarium for which the taxonomy is difficult and unchecked by a specialist, or species which have been confidently identified in the field, but not verified by a specimen.

Part B

Other species postulated to occur are listed in an Appendix. This list includes species:

- whose range in Hultén includes Glacier Bay / Gustavus, or
- which is on some plant list for Glacier Bay / Gustavus, or
- which has been tentatively identified in the field, or
- which may be a synonym of a species listed in Part A, or
- which is in a Herbarium, but is still questionable.

Part A

Division LYCOPHYTA:

Plants resembling mosses or miniature conifers; reproduction by spores; cones and flowers lacking; stems not jointed.

Lycopodiaceae Club Moss Family

- Lycopodium selago*/ Fir Club Moss 1H
- Lycopodium annotinum*/ Stiff Club Moss 1H
- Lycopodium clavatum*/ Common Club Moss, Running Club Moss 1H
- Lycopodium complanatum*/ Ground Cedar, Creeping Jenny, Christmas Green 1H
- Lycopodium alpinum*/ Alpine Club Moss 1H
- Lycopodium sitchense*/ Alaskan Club Moss 1HF

Selaginellaceae Spikemoss Family

- Selaginella selaginoides*/ Mountain Spikemoss 1H
- Low Selaginella, Mountain Moss, Low Lesser Club Moss
- Selaginella sibirica*/ Northern Selaginella 1H

Division SPHENOPHYTA:

Plants not grass, moss, or conifer-like; reproduction by spores; cones and flowers lacking; stems jointed.

Isoëtaceae Quillwort Family

- Isoetes* sp/ Bristle-like Quillwort 1H

Equisetaceae Horsetail Family

- Equisetum variegatum*/ Variegated Scouring-rush 1HM
- Equisetum fluviatile*/ Swamp Horsetail, Water Horsetail 1H
- Equisetum palustre*/ Marsh Horsetail 1H
- Equisetum arvense*/ Common Horsetail, Field Horsetail 1H

Division PTERIDOPHYTA: Ferns

Ophioglossaceae Adder's Tongue Fern Family

- Botrychium lunaria*/ Moonwort Fern, Common Moonwort 1H
- Botrychium (ascendens)* / Ascending Moonwort 1F
- Botrychium lanceolatum*/ Lance-leaved Grape Fern 1F
- Botrychium multifidum*/ Leathery Grape Fern 1H
- Botrychium virginianum*/ Rattlesnake Fern 1H

Adiantaceae Maidenhair Family

- Adiantum pedatum*/ Maidenhair Fern 1H

Hypolepidaceae Bracken Family

- Pteridium aquilinum*/ Western Bracken Fern 1H

Cryptogrammaeae Mountain Parsley Family

- Cryptogramma crista*/ Parsley Fern, Rock Brake, Mountain Parsley 1HM

- Thelypteridaceae* Marsh Fern Family**
 Thelypteris limbosperma/ Marsh Fern, Mountain Wood Fern 1H
 Thelypteris phegopteris/ Long Beach Fern, Northern Beech Fern, Narrow Beech Fern 1H
***Aspleniaceae* Spleenwort Family**
 Asplenium viride/ Green Spleenwort 1H

- Athyriaceae* Lady Fern Family**
 Athyrium distentifolium/ Alpine Lady Fern 1H
 Athyrium filix-femina/ Common Lady Fern 1HM
 Cystopteris fragilis/ Fragile Fern 1HM
 Woodsia scopulina/ Rocky Mountain Woodsia 2M
 Woodsia alpina/ Alpine Woodsia 1H

- Aspidiaceae* Shield Fern Family**
 Polystichum lonchitis/ Mountain Holly Fern 1HM
 Polystichum braunii/ Prickly Shield Fern 1H
 Dryopteris dilatata/ Spiny Shield Fern, Spreading Wood Fern 1HM
 Gymnocarpium dryopteris/ Oak Fern 1H

- Polypodiaceae* Licorice Fern Family**
 Polypodium vulgare (glycyrrhiza) / Licorice Fern 1HM

- Blechnaceae* Deer Fern Family**
 Blechnum spicant/ Deer Fern, Hard Fern 1H

Division CONIFEROPHYTA: Conifers

- Pinaceae* Pine Family**
 Pinus contorta/ Lodgepole Pine 1H
 Picea sitchensis/ Sitka Spruce 1HM
 Tsuga heterophylla/ Western Hemlock 1H
 Tsuga mertensiana/ Mountain Hemlock 1H

- Cupressaceae* Cypress Family**
 Chamaecyparis nootkatensis/ Alaska Cedar, Alaska Cypress, Yellow Cedar 1H
 Juniperus communis/ Common Mountain Juniper, Ground Juniper, Low Juniper 1H

Division ANTHOPHYTA: Flowering Plants

- Sparganiaceae* Bur Reed Family**
 Sparganium angustifolium/ Narrow-leaved Bur Reed 1H
 Sparganium hyperboreum/ Northern Bur Reed 1H

- Potamogetonaceae* Pondweed Family**
 Zostera marina/ Common Eelgrass 1H
 Potamogeton natans/ Floating Pondweed 2H
 Potamogeton gramineus/ Grass-leaved Pondweed 2H
 Potamogeton perfoliatus/ Clasping-leaf Pondweed 2H
 Potamogeton berchtoldi/ Berchtold Pondweed 2H
 Potamogeton filiformis/ Filiform Pondweed 1H
 Ruppia spiralis/ Ditch Grass, Widgeon Grass 1H

- Juncaginaceae* Arrow Grass Family**
 Triglochin maritimum/ Sea Arrow Grass, Maritime Arrow Grass 1H
 Triglochin palustris/ Marsh Arrow Grass 1H

- Gramineae (Poaceae)* Grass Family**
 Phalaris sp. / Canary Grass 1H
 Hierochloa alpina/ Alpine Holy Grass, Alpine Sweetgrass 1H
 Hierochloa odorata/ Common Sweetgrass, Vanilla Grass 1H
 Stipa richardsonii/ Feather Grass 2H
 Phleum commutatum/ Mountain Timothy 1HMF
 Phleum pratense/ Timothy 1H
 Alopecurus pratensis/ Meadow Foxtail 1H
 Alopecurus aequalis/ Shortawn Foxtail 1H
 Alopecurus geniculatus/ Water Foxtail 1H
 Agrostis alaskana/ Alaska Bentgrass 1H
 Agrostis exarata/ Spike Bentgrass, Spike Redtop 1H
 Calamagrostis canadensis/ Bluejoint 1HM
 Calamagrostis inexpansa/ Northern Reedgrass 1H
 Calamagrostis neglecta/ Narrow Reedgrass 1H
 Deschampsia caespitosa/ Tufted Hairgrass 1H
 Deschampsia beringensis/ Bering Hairgrass 1H
 Vahlodea atropurpurea/ Mountain Hairgrass 1HM
 Trisetum cernuum/ Nodding Oatgrass 1H
 Trisetum spicatum/ Downy Oatgrass, Spike Oatgrass 1HMF
 Poa alpina/ Alpine Bluegrass 1FL
 Poa arctica/ Arctic Bluegrass 2FL
 Poa eminens/ Eminent Bluegrass, Large-flower Speargrass 1L
 Poa pratensis/ Kentucky Bluegrass 1L
 Poa glauca/ Glaucous Bluegrass 2M
 Poa occidentalis/ Western Bluegrass 2M
 Poa palustris/ Fowl Bluegrass, Narrow-flowered Bluegrass 2F
 Poa annua/ Annual Bluegrass 1L
 Arctophila fulva/ Pendent Grass 1H
 Glyceria pauciflora/ Weak Alkali Grass 1H
 Puccinellia nutkaensis/ Salt Grass, Pacific Alkali Grass, Alaska Alkali Grass 1H
 Festuca altaica/ Rough Fescue 2HM
 Festuca brachyphylla/ Sheep Fescue 1H
 Festuca rubra/ Red Fescue 1HF
 Bromus inermis/ Smooth Brome 1H
 Agropyron violaceum/ Wheatgrass 1H
 Agropyron pauciflorum/ Wheatgrass 1H
 Hordeum brachyantherum/ Wild Barley, Meadow Barley 1H
 Hordeum jubatum/ Squirreltail Grass 1H
 Elymus arenarius/ Beach Ryegrass, Lyme grass, Dunegrass 1HM
 Elymus glaucus/ Western Ryegrass, Blue Wild Rye 1H
 Elymus hirsutus/ Northern Ryegrass, Hairy Wild Rye 1H

Cyperaceae Sedge Family

- Eriophorum angustifolium*/ Tall Cotton Grass, 1H
Narrow-leaved Cotton Grass
- Eriophorum viridi-carinatum*/ Green-scaled 1H
Cotton Grass, Green-keeled Cotton Grass



Alaska Cotton

- Eriophorum russeolum*/ Alaska Cotton, 1H
Rust-colored Cotton Grass
- Tricophorum alpinum*/ Alpine Clubrush 1H
- Tricophorum caespitosum*/ Tufted Clubrush 1H
- Scirpus microcarpus*/ Small-flowered Bulrush 1H
- Eleocharis palustris*/ Creeping Spikerush 1H
- Eleocharis uniglumis*/ Spikerush 2H
- Carex leptalea*/ Bristle-stalked Sedge 1H
- Carex microglochin*/ Sedge 1H
- Carex diandra*/ Lesser Panicked Sedge 2H
- Carex macrocephala*/ Large-headed Sedge 1H
- Carex bebbi*/ Bebb's Sedge 1H
- Carex interior*/ Inland Sedge 1H
- Carex kelloggii*/ Kellogg's Sedge 1H
- Carex aquatilis*/ Water Sedge 1H
- Carex sitchensis*/ Sitka Sedge 1H
- Carex lyngbyaei*/ Lyngby's Sedge 1H
- Carex bicolor*/ Two-colored Sedge 1HM
- Carex aurea*/ Caviar Sedge, Golden Sedge 2H
- Carex stylosa*/ Long-styled Sedge, 1H
Variegated Sedge
- Carex macrochaeta*/ Large-awned Sedge 1HM
- Carex limosa*/ Shore Sedge, Mud Sedge 1H
- Carex livida*/ Livid Sedge, Pale Sedge 1H
- Carex capillaris*/ Hairlike Sedge 1H
- Carex oederi*/ Green Sedge 1H
- Carex saxatilis*/ Russet Sedge 1H

Araceae Arum Family

- Lysichiton americanum*/ Swamp Lantern, 1H
Yellow Skunk Cabbage

Juncaceae Rush Family

- Juncus arcticus*/ Arctic Rush 1H
- Juncus drummondii*/ Drummond's Rush 1HM
- Juncus ensifolius*/ Dagger-leaved Rush 1H
- Juncus mertensianus*/ Merten's Rush 1H
- Juncus falcatus*/ Sickle-leaved Rush 1H
- Juncus castaneus*/ Chestnut Rush 1H
- Juncus oreganus*/ Spreading Rush 1H
- Juncus alpinus*/ Alpine Rush 1H
- Juncus triglumis*/ Three-flowered Rush 1H
- Juncus stygius*/ Moor Rush, Bog Rush 1H
- Juncus bufonius*/ Toad Rush 1H
- Luzula wahlenbergii*/ Piper's Wood Rush, 1H
Wahlenberg Rush
- Luzula parviflora*/ Small-flowered Wood Rush 1HM
- Luzula arcuata*/ Bent Wood Rush, 1H
Curved Wood Rush
- Luzula multiflora*/ Many-flowered Wood Rush 1HF
- Luzula spicata*/ Spiked Wood Rush 1H

Liliaceae Lily Family

- Tofieldia coccinea*/ Northern False Asphodel 1H
- Tofieldia pusilla*/ Scotch Asphodel 1H
- Tofieldia glutinosa*/ Sticky False Asphodel 1H
- Veratrum viride*/ Green False Hellebore, 1HM
Indian Hellebore, Corn Lily
- Fritillaria camschatcensis*/ Chocolate Lily, 1H
Kamchatka Fritillary, Sarana, Indian Rice,
Eskimo Potato, Northern Rice Root, Black Lily
- Lloydia serotina*/ Alp Lily 1H
- Maianthemum dilatatum*/ Deer Berry, 1H
False Lily-of-the-Valley
- Streptopus amplexifolius*/ 1H
Watermelon Berry, Claspig Twisted-stalk,
Cucumber Root, Scootberry
- Streptopus streptopoides*/ Kruhsea, 1H
Small Twisted-stalk
- Streptopus roseus*/ Rosy Twisted-stalk, 1H
Simple-stemmed Twisted-stalk

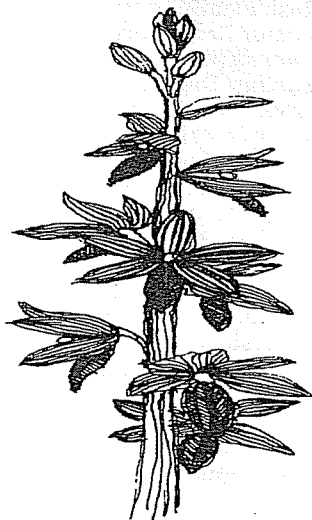
Iridaceae Iris Family

- Iris setosa*/ Wild Iris, Wild Flag 1H
- Sisyrinchium litorale*/ Blue-eyed Grass 1H

Orchidaceae Orchid Family

- Cypripedium passerinum*/ Northern Lady's Slipper 1H
- Cypripedium calceolus* or *montanum*/ 2H
Yellow Mocassin Flower or Mountain Lady's Slipper
- Coeloglossum viride*/ Frog Orchis 1HM
- Platanthera hyperborea*/ Northern Bog Orchid 1H
- Platanthera dilatata*/ White Bog Orchid 1H
- Platanthera saccata*/ Slender Bog Orchid 1H
- Platanthera chorisiana*/ Choris Bog Orchid 1H
- Spiranthes romanzoffiana*/ Hooded Ladies' Tresses 1H
- Listera caurina*/ Western Twayblade, 1H
Green Twayblade

- Listera cordata*/ Heart-leaved Twayblade, Purple Twayblade 1H
- Goodyera oblongifolia*/ Rattlesnake Plantain, Rattlesnake Orchid 1H



Coral Root

- Corallorrhiza maculata*/ Spotted Coral Root 1H
- Corallorrhiza trifida*/ Northern Coral Root, Early Coral Root 1H
- Malaxis monophylla*/ White Adder's Mouth 1H
- Hammarbya paludosa*/ Bog Adder's Mouth 1H
- Calypso bulbosa*/ Calypso Orchid, Fairy Slipper 1H

Salicaceae Willow Family

- Populus balsamifera*/ Black Cottonwood 1H
- Populus tremuloides*/ Quaking Aspen 2H
- Salix reticulata*/ Netted Willow 1HM
- Salix rotundifolia*/ Least Willow 2M
- Salix arctica*/ Arctic Willow 1HM
- Salix stolonifera*/ Stoloniferous Willow, Sprouting Willow, Ovalleaf Willow 1H
- Salix glauca*/ Grayleaf Willow 2H
- Salix barclayi*/ Barclay's Willow 1HM
- Salix commutata*/ Undergreen Willow, Variable Willow 1HF
- Salix alaxensis*/ Alaska Willow, Feltleaf Willow 1HM
- Salix sitchensis*/ Sitka Willow, Silky Willow 1HM
- Salix arbusculoides*/ Littletree Willow 2M
- Salix lasiandra*/ Pacific Willow 2

Myricaceae Wax Myrtle Family

- Myrica gale*/ Sweet Gale 1H

Betulaceae Birch Family

- Betula papyrifera*/ Paper Birch, White Birch 1H
- Alnus crispa*/ Sitka Alder, Alaska Alder, American Green Alder 1HM
- Alnus oregona*/ Red Alder, Oregon Alder 1H

Urticaceae Nettle Family

- Urtica lyallii*/ Stinging Nettle 1H

Loranthaceae Mistletoe Family

- Arceuthobium campylopodum*/ Dwarf Mistletoe 2

Santalaceae Sandalwood Family

- Geocaulon lividum*/ Northern Commandra, Dogberry, Toadflax 1H

Polygonaceae Buckwheat Family

- Rumex acetosella*/ Sheep Sorrel, Sourweed 1H
- Rumex fenestratus*/ Sourdock 1H
- Rumex transitorius*/ Beachdock, Narrow-leaved Dock, Willow Dock 1H
- Oxyria digyna*/ Mountain Sorrel 1H
- Polygonum viviparum*/ Alpine Bistort 1H
- Polygonum fowleri*/ Fowler Knotweed 1H

Chenopodiaceae Goosefoot Family

- Atriplex gmelini*/ Spearscale 2H
- Atriplex patula*/ Spearscale, Orache 2H
- Salicornia europaea*/ Glasswort 1H
- Salicornia virginica*/ Pacific Samphire, American Glasswort, Perennial Saltwort 1H
- Suaeda depressa*/ Sea Blite 1H

Portulacaceae Purslane Family

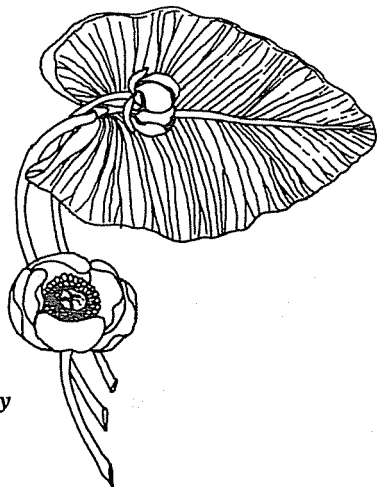
- Claytonia sibirica*/ Miner's Lettuce, Siberian Spring Beauty 1H
- Montia fontana*/ Water Blinks, Water Chickweed 1H

Caryophyllaceae Pink Family

- Stellaria media*/ Chickweed 1H
- Stellaria crispa*/ Crisp Starwort, Crisp Sandwort 1H
- Stellaria humifusa*/ Low Chickweed, Saltmarsh Starwort 1H
- Stellaria crassifolia*/ Fleshy Starwort 2M
- Stellaria longifolia*/ Long-leaved Starwort 1F
- Stellaria calycantha*/ Northern Starwort 1H
- Stellaria sitchana*/ Northern Starwort 1HM
- Stellaria ruscifolia*/ Starwort 2H
- Stellaria monantha*/ Long-stalked Starwort 2HM
- Cerastium beerianum*/ Bering Chickweed 1H
- Cerastium fontanum*/ Mouse-ear Chickweed 1H
- Cerastium arvense*/ Field Chickweed 1H
- Sagina intermedia*/ Snow Pearlwort 1H
- Sagina crassicaulis*/ Beach Pearlwort 1H
- Honckenya peploides*/ Seabeach Sandwort, Beachgreens, Scurvy Grass 1HF
- Arenaria longipedunculata*/ Low Sandwort 2H
- Moehringia lateriflora*/ Grove Sandwort, Blunt-leaved Sandwort 1H
- Spergula arvensis*/ Spurry 1H
- Spergularia canadensis*/ Canada Sand-spurry 1H
- Silene acaulis*/ Moss Champion 1HM

Nymphaeaceae Water Lily Family

- *Nuphar polysepalum*/ Yellow Pond Lily, Spatterdock, Cow Lily 1H



Yellow Pond Lily

Ranunculaceae Crowfoot Family

- *Caltha leptosepala*/ Mountain Marsh Marigold 1H
- *Caltha palustris*/ Yellow Marsh Marigold 1H
- *Coptis asplenifolia*/ Fern-leaf Goldthread 1H
- *Coptis trifolia*/ Trifoliate Goldthread 1H
- *Actaea rubra*/ Baneberry, Snakeberry, Doll's Eyes 1HMF
- *Aquilegia formosa*/ Red Columbine, Western Columbine, Mountain Columbine 1HM
- *Aconitum delphinifolium*/ Monkshood 1HM
- *Anemone parviflora*/ Northern Anemone, Windflower 1H
- *Anemone narcissiflora*/ Narcissus-flowered Anemone 1H
- *Anemone multifida*/ Cut-leaf Anemone 1
- *Ranunculus trichophyllus*/ Whitewater Crowfoot 1H



Marsh Marigold

- *Ranunculus hyperboreus*/ Arctic Buttercup 1
- *Ranunculus cooleyae*/ Cooley Buttercup 1H
- *Ranunculus cymbalaria*/ Shore Buttercup, Northern Seaside Buttercup 1H
- *Ranunculus eschscholtzii*/ Eschscholtz Buttercup, Subalpine Buttercup, Mountain Buttercup, Snowpatch Buttercup 1HM
- *Ranunculus nivalis*/ Snow Buttercup 2H
- *Ranunculus macounii*/ Macoun Buttercup 1H
- *Ranunculus repens*/ Creeping Buttercup 1
- *Ranunculus bongardi*/ Bongard's Buttercup 1H
- *Ranunculus pacificus*/ Pacific Buttercup 1H
- *Ranunculus occidentalis*/ Western Buttercup 1HM
- *Thalictrum alpinum*/ Arctic Meadow Rue, Alpine Meadow Rue 1H
- *Thalictrum sparsiflorum*/ Few-flower Meadow Rue 1H

Papaveraceae Poppy Family

- *Papaver* sp. / Alaska Poppy 1L

Cruciferae (Brassicaceae) Mustard Family

- *Cochlearia officinalis*/ Scurvy Grass, Spoonwort 1HF
- *Cakile edentula*/ American Sea Rocket 1H
- *Barbarea orthoceras*/ American Winter Cress 1H
- *Rorippa islandica*/ Marsh Yellow Cress 1HF
- *Rorippa hispida*/ Marsh Yellow Cress 2HM
- *Cardamine bellidifolia*/ Alpine Bitter Cress 2H
- *Cardamine pennsylvanica*/ Pennsylvania Bitter Cress 1F
- *Cardamine pratensis*/ Cuckoo Flower 1H
- *Cardamine umbellata*/ Umbel-flowered Bitter Cress 1HMF
- *Capsella bursa-pastoris*/ Shepherd's Purse 1H
- *Draba maxima*/ Northern Rock Cress 1H
- *Draba* spp./ Rock Cress 2L
- *Arabis lyrata*/ Lyre-leaf Rock Cress 1HM
- *Arabis lemmonii*/ Lemmon Rock Cress 2H
- *Arabis hirsuta*/ Hairy Rock Cress 1HM
- *Braya humilis*/ Low Braya 2F

Droseraceae Sundew Family

- *Drosera anglica*/ Long-leaved Sundew 1H
- *Drosera rotundifolia*/ Round-leaved Sundew 1H

Crassulaceae Stonecrop Family

- *Sedum rosea*/ Roseroot 1H

Saxifragaceae Saxifrage Family

- *Leptarrhena pyrolifolia*/ Leather-leaved Saxifrage 1H
- *Saxifraga oppositifolia*/ Purple Mountain Saxifrage 1H
- *Saxifraga bronchialis*/ Spotted Saxifrage 1H
- *Saxifraga tricuspidata*/ Prickly Saxifrage, Three-tooth Saxifrage 1H

- Saxifraga mertensiana*/ Wood Saxifrage 1H
- Saxifraga punctata*/ Cordate-leaved Saxifrage 1HM
- Saxifraga rivularis*/ Brook Saxifrage 1H
- Saxifraga lyallii*/ Red-stemmed Saxifrage 1H
- Saxifraga nivalis*/ Snow Saxifrage 1H
- Saxifraga ferruginea*/ Coast Saxifrage, Alaska Saxifrage 1H
- Tiarella trifoliata*/ Lace Flower, Trifoliolate Foam Flower 1H
- Tiarella unifoliata*/ Sugar Scoop, Unifoliolate Foam Flower 1H
- Heuchera glabra*/ Alpine Heuchera, Smooth Alum Root 1H
- Tellima grandiflora*/ Fringe Cups 1H
- Mitella pentandra*/ Bishop's Cap, Alpine Mitrewort 1H
- Chrysosplenium tetrandrum*/ Northern Water Carpet 1H
- Parnassia fimbriata*/ Fringed Grass-of-Parnassus 1HM
- Parnassia palustris*/ Bog Star, Northern Grass-of-Parnassus 1HM
- Parnassia kotzebuei*/ Kotzebue Grass-of-Parnassus 2H
- Ribes lacustre*/ Swamp Gooseberry, Bristly Black Currant 1H
- Ribes bracteosum*/ Stink Currant, Blue Currant, Russian Currant 1H
- Ribes laxiflorum*/ Trailing Black Currant 1H



Trailing
Black Currant

Rosaceae Rose Family

- Spiraea beauverdiana*/ Alaska Spiraea, Beauverd Spiraea 1H
- Luetkea pectinata*/ Partridge Foot 1HM
- Aruncus sylvester*/ Goatsbeard, Spaghetti Flower 1H
- Malus fusca*/ Western Crab Apple, Oregon Crab Apple 1H
- Sorbus aucuparia*/ European Mountain Ash 1H
- Sorbus sitchensis*/ Sitka Mountain Ash 1H
- Rubus pedatus*/ Trailing Raspberry, Five-leaved Bramble 1H

- Rubus chamaemorus*/ Cloudberry, Baked Apple Berry 1H
- Rubus arcticus*/ Nagoonberry 1H
- Rubus idaeus*/ American Red Raspberry 1H
- Rubus spectabilis*/ Salmonberry 1H
- Rubus parviflorus*/ Western Thimbleberry 1H
- Fragaria chiloensis*/ Beach Strawberry, Coastal Strawberry 1HM
- Potentilla palustris*/ Marsh Fivefinger, Marsh Cinquefoil 1H
- Potentilla villosa*/ Villous Cinquefoil 1H
- Potentilla hyparctica*/ Arctic Cinquefoil 1H
- Potentilla egedii*/ Pacific Silverweed, Wild Sweet Potato 1HM
- Sibbaldia procumbens*/ Sibbaldia 1HM
- Geum macrophyllum*/ Large-leaved Avens 1HM
- Geum calthifolium*/ Caltha-leaved Avens 1H
- Dryas drummondii*/ Yellow Dryas, Yellow Mountain Avens 1H
- Dryas octopetala*/ Eight-petaled Dryas 1F
- Dryas integrifolia*/ White Dryas, Entire-leaved Mountain Avens 1H
- Sanguisorba menziesii*/ Menzies' Burnet 1H
- Sanguisorba stipulata*/ Sitka Burnet 1HM
- Rosa nutkana*/ Wild Rose, Nootka Rose 1H

Leguminosae (Fabaceae) Pea Family

- Lupinus nootkatensis*/ Nootka Lupine 1HM
- Trifolium repens*/ White Clover 1H
- Trifolium pratense*/ Red Clover 1H
- Astragalus umbellatus*/ Tundra Milk Vetch 2M
- Astragalus alpinus*/ Alpine Milk Vetch 1HM
- Astragalus robbinsii*/ Milk Vetch 1H
- Oxytropis campestris*/ Field Oxytrope, Northern Yellow Peavine 1H
- Hedysarum alpinum*/ Indian Potato, Alpine Sweet Vetch 1H
- Lathyrus maritimus*/ Beach Pea 1HM
- Lathyrus palustris*/ Vetchling, Wild Pea, Marsh Peavine 1H

Geraniaceae Geranium Family

- Geranium erianthum*/ Wild Geranium, Northern Geranium, Cranesbill 1H

Callitrichaceae Water Starwort Family

- Callitriche verna*/ Vernal Water Starwort 1H

Balsaminaceae Jewelweed Family

- Impatiens noli-tangere*/ Jewelweed, Western Touch-me-not 1H

Violaceae Violet Family

- Viola glabella*/ Yellow Wood Violet, Stream Violet 1H
- Viola biflora*/ Yellow Violet, Twinflower Violet 2H
- Viola langsdorffii*/ Alaska Violet, Purple Violet 1HM
- Viola epipsila*/ Marsh Violet 1H

Elaeagnaceae Oleaster Family

- *Shepherdia canadensis*/ Soapberry, 1H
Soopalallie

Onagraceae Evening Primrose Family

- *Epilobium angustifolium*/ Giant Fireweed, 1HM
Tall Willow Herb, Rosebay Willow Herb



Giant Fireweed

- *Epilobium latifolium*/ River Beauty, 1H
Dwarf Fireweed, Broad-leaved Willow Herb
- *Epilobium luteum*/ Yellow Willow Herb 1H
- *Epilobium palustre*/ Swamp Willow Herb 2H
- *Epilobium anagallidifolium*/ 1H
Pink Alpine Willow Herb
- *Epilobium leptocarpum*/ 1H
Thin-capsuled Willow Herb
- *Epilobium glandulosum*/ Glandular Willow Herb 1H
- *Epilobium adenocaulon*/ Northern Willow Herb 1HM
- *Epilobium hornemannii*/ 1HM
Hornemann's Willow Herb
- *Epilobium lactiflorum*/ White-flowered Willow Herb 1H
- *Epilobium (ciliatum)*/ Purple-leaved Willow Herb 1H
- *Circaea alpina*/ Enchanter's Nightshade 1H

Haloragaceae Water Milfoil Family

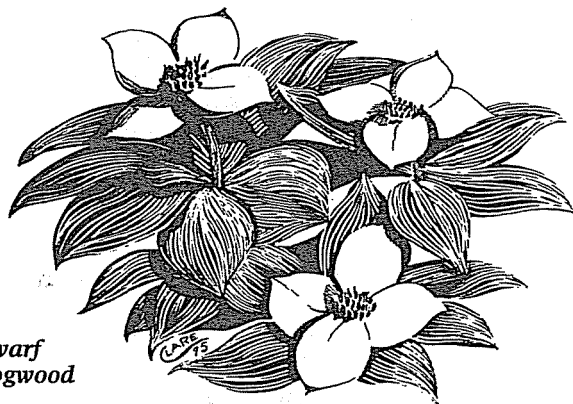
- *Myriophyllum spicatum*/ Water Milfoil 1H
- *Hippuris vulgaris*/ Common Mare's Tail 1H
- *Hippuris montana*/ Mountain Mare's Tail 1H

Araliaceae Gingseng Family

- *Echinopanax horridum*/ Devil's Club 1H

Umbelliferae (Apiaceae) Parsley or Carrot Family

- *Osmorhiza purpurea*/ Purple Sweet Cicely, 1HM
Sitka Sweet Cicely
- *Osmorhiza chilensis*/ White Sweet Cicely, 2H
Mountain Sweet Cicely, Chile Sweet Cicely,
Western Sweet Cicely
- *Osmorhiza depauperata*/ 2H
Blunt-fruited Sweet Cicely
- *Cicuta douglasii*/ Poison Water Hemlock 1H
- *Oenanthe sarmentosa*/ Marsh Hemlock, 1H
Pacific Water Parsley
- *Ligusticum scoticum*/ Beach Lovage, 1H
Sea Lovage
- *Conioselinum chinense*/ Pacific Hemlock Parsley, 1H
Western Hemlock Parsley, Indian Carrot
- *Angelica lucida*/ Seacoast Angelica, 1H
Indian Celery, Sea Watch
- *Angelica genuflexa*/ Bent-leaved Angelica 1H
- *Glehnia littoralis*/ Beach Carrot, 1H
Beach Silver Top
- *Heracleum lanatum*/ Cow Parsnip 1HM



Dwarf Dogwood

Cornaceae Dogwood Family

- *Cornus stolonifera*/ American Dogwood, 1H
Red-osier Dogwood
- *Cornus suecica*/ Swedish Dwarf Cornel, 1H
Lapland Cornel, Bog Bunchberry
- *Cornus canadensis*/ Bunchberry, 1H
Dwarf Dogwood, Canadian Dwarf Cornel

Pyrolaceae Wintergreen Family

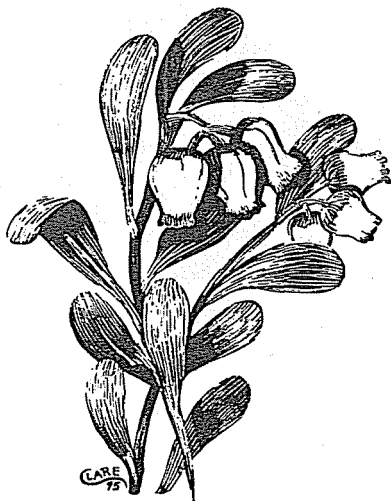
- *Chimaphila umbellata*/ Pipsissewa 2
- *Pyrola asarifolia*/ Pink Wintergreen, 1HM
Large Liverleaf Wintergreen
- *Pyrola chlorantha*/ 1H
Greenish-flowered Wintergreen
- *Pyrola minor*/ Lesser Wintergreen 1H
- *Pyrola secunda*/ One-sided Pyrola 1H
- *Moneses uniflora*/ Single Delight, Shy Maiden, 1H
Waxflower, Frog's Reading Lamp
- *Monotropa hypopitys*/ Indian Pipe 1H

Empetraceae Crowberry Family

- Empetrum nigrum*/ Crowberry 1H

Ericaceae Heath Family

- Cladothamnus pyrolaeiflorus*/ Copper Flower, Copper Bush 1H
- Ledum palustre*/ Northern Labrador Tea 1H
- Rhododendron camtschaticum*/ Kamchatka Rhododendron 1H
- Menziesia ferruginea*/ False Azalea, Buckrush, Rusty Menziesia 1H
- Loiseleuria procumbens*/ Alpine Azalea 1H
- Kalmia polifolia*/ Bog Laurel, Swamp Laurel 1H
- Phyllodoce empetiformis*/ Pink Mountain Heather 1H
- Phyllodoce aleutica*/ Aleutian Mountain Heather, Yellow Mountain Heather 1HM
- Cassiope mertensiana*/ White Moss Heather, White Mountain Heather 1HM
- Cassiope stelleriana*/ Alaska Moss Heath, Alaskan Mountain Heather 1H
- Cassiope lycopodioides*/ Club Moss Mountain Heather 1H
- Andromeda polifolia*/ Bog Rosemary 1H



Bearberry

- Arctostaphylos uva-ursi*/ Bearberry, Kinnikinnick, Mealberry 1H
- Arctostaphylos rubra*/ Red-fruit Bearberry 1H
- Vaccinium vitis-idaea*/ Lowbush Cranberry, Lingonberry, Mountain Cranberry, Whortleberry 1H
- Vaccinium caespitosum*/ Dwarf Blueberry 1HM
- Vaccinium parvifolium*/ Red Huckleberry 1H
- Vaccinium ovalifolium*/ Early Blueberry, Oval-leaved Blueberry 1H
- Vaccinium alaskensis*/ Alaska Blueberry 1H
- Vaccinium uliginosum*/ Alpine Blueberry, Bog Blueberry 1HM
- Oxycoccus microcarpus*/ Bog Cranberry, Swamp Cranberry 1H



Shooting Star

Primulaceae Primrose Family

- Primula cuneifolia*/ Pixie-eyes, Wedge-leaf Primrose 1H
- Primula egalikensis*/ Greenland Primrose 1H
- Dodecatheon pulchellum*/ Pretty Shooting Star, Few-flowered Shooting Star 1H
- Dodecatheon jeffreyi*/ Jeffrey's Shooting Star, Tall Mountain Shooting Star 1H
- Trientalis europaea*/ Arctic Star Flower, Northern Star Flower 1HM
- Glaux maritima*/ Sea Milkwort 1H

Gentianaceae Gentian Family

- Gentiana platypetala*/ Broad-petaled Gentian 1H
- Gentiana glauca*/ Glaucous Gentian 1H
- Gentiana douglasiana*/ Swamp Gentian 1H
- Gentiana amarella*/ Northern Gentian 2H
- Gentiana propinqua*/ Arctic Gentian, Four-petaled Gentian 1H
- Lomatogonium rotatum*/ Star Gentian, Marsh Felwort 1H
- Swertia perennis*/ Alpine Bog Swertia 1H
- Fauria crista-galli*/ Deer Cabbage 1H
- Menyanthes trifoliata*/ Buckbean, Bogbean 1H

Polemoniaceae Polemonium or Phlox Family

- Polemonium boreale*/ Boreal Jacob's Ladder, Northern Jacob's Ladder 1H
- Polemonium pulcherrimum*/ Pretty Jacob's Ladder, Beautiful Jacob's Ladder, Showy Jacob's Ladder 1H

Hydrophyllaceae Waterleaf Family

- Romanzoffia sitchensis*/ Sitka Mist Maiden 1H

Boraginaceae Borage Family

- Myosotis palustris*/ Forget-me-not 1H
- Mertensia maritima*/ Oysterleaf, Sea Bluebells 1HM

Labiatae (Lamiaceae) Mint Family

- Prunella vulgaris*/ Self-heal, Heal-all 1H

Scrophulariaceae Figwort Family

- Linaria vulgaris*/ Butter-and-eggs 1H
- Mimulus guttatus*/ Yellow Monkey Flower 1H
- Veronica americana*/ American Brooklime 1H
- Veronica serpyllifolia*/ Thyme-leaf Speedwell 2H
- Veronica wormskjoldii*/ Alpine Speedwell 2HM
- Castilleja unalaschcensis*/
Unalaska Indian Paintbrush 1H
- Castilleja chrymactis* or *hyetophila*/ Paintbrush 2H
- Castilleja miniata*/ Great Red Indian Paintbrush 1F
- Castilleja parviflora*/ Pink Paintbrush,
Rosy Paintbrush, Mountain Paintbrush 1H

**Indian Paintbrush**

- Euphrasia mollis*/ Arctic Eyebright 1H
- Rhinanthus minor*/ Yellow Rattle, Rattlebox 1HM
- Pedicularis verticillata*/ Whorled Lousewort 1H
- Pedicularis parviflora*/ Small-flowered Lousewort 1H
- Pedicularis langsдорffii*/ Langsdorf Lousewort 1H
- Pedicularis sudetica*/ Lousewort 1H
- Pedicularis oederi*/ Oeder Lousewort 1H

Orobanchaceae Broomrape Family

- Boschniakia rossica*/ Northern Ground Cone 1H

Lentibulariaceae Bladderwort Family

- Pinguicula vulgaris*/ Common Butterwort, Bog Violet 1HF
- Utricularia intermedia*/ Flat-leaved Bladderwort 1H

Plantaginaceae Plantain Family

- Plantago macrocarpa*/ Seashore Plantain, Alaska Plantain 1H
- Plantago maritima*/ Goose-tongue, Beach Plantain 1HM
- Plantago major*/ Common Plantain 1H

Rubiaceae Madder Family

- Galium aparine*/ Cleavers 1H
- Galium triflorum*/ Sweet-scented Bedstraw 1H
- Galium trifidum*/ Small Bedstraw 1H

Caprifoliaceae Honeysuckle Family

- Sambucus racemosa*/ Pacific Red Elderberry 1HM
- Viburnum edule*/ Highbush Cranberry, Squashberry, Mooseberry 1H
- Linnaea borealis*/ Pacific Twinflower 1H

Valerianaceae Valerian Family

- Valeriana sitchensis*/ Sitka Valerian 1H

Campanulaceae Bluebell Family

- Campanula lasiocarpa*/ Bellflower, Mountain Harebell 1H
- Campanula rotundifolia*/ Bluebells of Scotland, Round-leaved Harebell 1H

Compositae (Asteraceae) Sunflower Family

- Solidago multiradiata*/ Mountain Goldenrod, Northern Goldenrod 1HM
- Solidago lepida*/ Elegant Goldenrod, Canadian Goldenrod 1H
- Aster subspicatus*/ Douglas' Aster 1H
- Aster modestus*/ Great Northern Aster 1H
- Erigeron humilis*/ Mountain Fleabane, Alpine Daisy, Arctic Daisy 1H
- Erigeron uniflorus*/ Fleabane 2F
- Erigeron acris*/ Bitter Fleabane 1HM
- Erigeron lonchophyllus*/ Fleabane Daisy, Spear-leaf Fleabane, Short-rayed Daisy 1H
- Erigeron peregrinus*/ Tall Purple Fleabane, Coastal Fleabane, Aster Fleabane, Mountain Daisy, Sub-alpine Daisy, Wandering Daisy 1H
- Antennaria pulcherrima*/ Tall Pussytoes, Showy Everlasting 1H
- Antennaria pallida*/ Small Pussytoes 1H
- Anaphalis margaritacea*/ Pearly Everlasting 1H
- Achillea borealis*/ Yarrow 1HM
- Matricaria matricarioides*/ Pineapple Weed 1H
- Chrysanthemum arcticum*/ Arctic Daisy, Arctic Chrysanthemum 1H
- Chrysanthemum leucanthemum*/ Marguerite, White Daisy, Ox-eye Daisy 1H
- Artemisia arctica*/ Arctic Wormwood, Stinkweed, Mountain Sagewort 1H

- *Petasites hyperboreus*/ Arctic Sweet Coltsfoot 1H
- *Arnica lessingii*/ Lessing's Arnica 1HM
- *Arnica frigida*/ Arnica 2M
- *Arnica unalaschcensis*/ Unalaska Arnica 2F
- *Arnica cordifolia*/ Heart-leaved Arnica 2H
- *Arnica latifolia*/ Broad-leaf Arnica, 1HM
Mountain Arnica
- *Arnica amplexicaulis*/ Clasping-leaf Arnica, 1H
Streambank Arnica
- *Senecio atropurpureus*/ Arctic Senecio 2M
- *Senecio pauciflorus*/ Few-flowered Groundsel 1H
- *Senecio pseudo-arnica*/ Beach Fleabane, 1H
Seabeach Senecio, Beach Groundsel,
Beach Daisy, False Arnica
- *Senecio triangularis*/ Triangular-leaved Fleabane, 1H
Arrow-leaf Ragwort, Arrow-leaf Groundsel
- *Saussurea americana*/ American Costusroot 1H
- *Cirsium arvense*/ Canada Thistle 1H
- *Apargidium boreale*/ Northern Apargidium 1H
- *Taraxacum officinale*/ Common Dandelion 2H
- *Taraxacum* sp. / Dandelion 2H
- *Agoseris aurantiaca*/ Mountain Dandelion, 1H
Orange Agoseris
- *Crepis nana*/ Dwarf Hawk's Beard 1H
- *Prenanthes alata*/ Rattlesnake Root 1H
- *Hieracium triste*/ Woolly Hawkweed 1HM
- *Hieracium albiflorum*/ 1H
White-flowered Hawkweed



Part B

APPENDIX

Species Postulated to Occur

- Equisetum hiemale*/ Common Scouring-rush
- Equisetum scirpoides*/ Dwarf Scouring-rush
- Botrychium boreale*/ Northern Grape Fern,
Northwestern Moonwort
- Asplenium trichomanes*/ Maidenhair Spleenwort
- Dryopteris fragrans*/ Fragrant Shield Fern
- Potamogeton epihydrus*/ Nuttal Pondweed
- Potamogeton praelongus*/ White-stemmed Pondweed
- Potamogeton foliosus*/ Pondweed
- Scheuchzeria* sp. / Scheuchzeria H
- Cinna latifolia*/ Wood Reed Grass, H
Nodding Wood Reed
- Podagrostis thurberiana*/ Thurber Bentgrass
- Agrostis borealis*/ Red Bentgrass
- Agrostis stolonifera*/ Creeping Bentgrass H
- Agrostis gigantea*/ Redtop
- Agrostis scabra*/ Ticklegrass, Hair Bentgrass
- Agrostis geminata*/ Bentgrass H
- Calamagrostis nutkaensis*/ Reed Bentgrass
- Deschampsia elongata*/ Slender Hairgrass
- Deschampsia danthonioides*/ Annual Hairgrass
- Dactylis glomerata*/ Orchard Grass
- Poa macrocalyx*/ Bluegrass
- Poa trivialis*/ Rough Bluegrass M
- Poa alpigena*/ Bluegrass M
- Poa lanata*/ Large-glume Bluegrass M
- Poa norbergii*/ Bluegrass
- Poa hispidula*/ Bluegrass
- Poa stenantha*/ Trinius' Bluegrass,
Narrow-flowered Bluegrass
- Poa leptocoma*/ Bog Bluegrass
- Poa paucispicula*/ Bog Bluegrass
- Glyceria borealis*/ Northern Manna Grass
- Puccinellia phryganodes*/ Creeping Alkali Grass
- Puccinellia langeana*/ Alkali Grass
- Puccinellia pumila*/ Dwarf Alkali Grass
- Puccinellia hultenii*/ Hultén's Alkali Grass
- Puccinellia kamtschatica*/ Kamchatka Alkali Grass F
- Puccinellia grandis*/ Large Alkali Grass H
- Bromus sitchensis*/ Alaska Brome Grass
- Bromus hordeaceus*/ Soft Brome, Soft Chess
- Agropyron repens*/ Wheatgrass
- Eriophorum gracile*/ Cotton Grass
- Eriophorum scheuchzeri*/ White Cotton Grass
- Eleocharis kamtschatica*/ Kamchatka Spikerush H

Carex nardina/ Spikenard Sedge
Carex filifolia/ Thread-leaf Sedge
Carex anthoxantha/ Yellow-flowered Sedge
Carex circinata/ Coiled Sedge H
Carex pyrenaica/ Pyrenean Sedge HM
Carex nigricans/ Blackish Sedge
Carex pauciflora/ Few-flowered Sedge H
Carex maritima/ Curved Sedge H
Carex stenophylla/ Sedge
Carex stipata/ Sawbeak Sedge
Carex macloviana/ Falkland Island Sedge
Carex phaeocephala/ Dunhead Sedge, Darkhead Sedge
Carex canescens/ Grey Sedge
Carex brunnescens/ Brownish Sedge
Carex disperma/ Soft-leaved Sedge H
Carex laeviculmis/ Smooth-stem Sedge
Carex phyllomanica/ Stellate Sedge, H
 Coastal Sedge
Carex garberi/ Garber's Sedge
Carex buxbaumii/ Club Sedge, Buxbaum's Sedge
Carex gmelini/ Gmelin's Sedge H
Carex enanderi/ Enander's Sedge,
 Goose-grass Sedge H
Carex mertensii/ Merten's Sedge HM
Carex spectabilis/ Showy Sedge H
Carex pluriflora/ Many-flowered Sedge H
Carex krausei/ Krause Sedge
Carex rostrata/ Beaked Sedge
Juncus effusus/ Common Rush, Bog Rush
Clintonia uniflora/ Queen's Cup, Bead Lily,
 Single-flowered Clintonia
Platanthera obtusata/ Small Bog Orchid,
 One-leaved Rein Orchid
Salix depressa/ Bebb Willow, Long-beaked Willow
Salix scouleriana/ Willow
Alnus incana/ Thinleaf Alder
Urtica gracilis/ Nettle
Rumex obtusifolius/ Blunt-leaved Dock
Polygonum convolvulus/ Black Bindweed
Polygonum bistorta/ Bistort
Polygonum pennsylvanicum/
Polygonum aviculare/ Hindering Knotweed,
 Knotgrass, Doorweed
Atriplex drymarioides/ Spearscale
Atriplex alaskensis/ Spearscale
Claytonia parvifolia/ Spring Beauty
Claytonia chamissoi/ Spring Beauty
Stellaria longipes/ Long-stalked Starwort
Cerastium fischerianum/ Mouse-ear Chickweed
Cerastium glomeratum/ Mouse-ear Chickweed
Sagina saginoides/ Arctic Pearlwort

Sagina occidentalis/ Western Pearlwort
Nymphaea tetragona/ Dwarf Water Lily
Ranunculus reptans/ Creeping Spearwort
Ranunculus acris/ Common Buttercup
Sisymbrium altissimum/ Tumble Mustard
Sinapis arvensis/ Charlock
Brassica rapa/ Bird's Rape
Brassica napus/ Turnip
Draba hyperborea/ Sub-boreal Draba
Erysimum cheiranthoides/ Wormseed Mustard
Sedum oreganum/ Stoncrop
Saxifraga eschscholtzii/ Cushion Saxifrage
Saxifraga cernna/ Bulblet Saxifrage, Nodding Saxifrage
Saxifraga adscendens/ Wedge-leaf Saxifrage
Saxifraga caespitosa/ Tufted Saxifrage
Rubus leucodermis/ Western Black Raspberry
Potentilla norvegica/ Rough Cinquefoil
Potentilla anserina/ Common Silverweed F
Geum aleppicum/ Avens M
Trifolium hybridum/ Alsike Clover
Astragalus eucosmus/ Elegant Milk Vetch
Hedysarum hedysaroides/ Sweet Vetch M
Viola adunca/ Western Dog Violet H
Epilobium behringianum/ Alpine Willow Herb
Hippuris tetraphylla/ Mare's Tail
Arctostaphylos alpina/ Alpine Bearberry
Androsace septentrionalis/ Pygmy-flower Rock Jasmine
Gentiana prostrata/ Moss Gentian
Amsinckia lycopsoides/ Bugloss fiddleneck
Galeopsis bifida/ Hemp Nettle
Mentha arvensis/ Field Mint
Veronica arvensis/ Speedwell
Veronica peregrina/ Speedwell
Euphrasia disjuncta/ Subarctic Eyebright H
Pinguicula villosa/ Hairy Butterwort
Symphoricarpus albus/ Snowberry
Lonicera involucrata/ Bearberry Honeysuckle
Valeriana capitata/ Capitate Valerian
Campanula latiseppala/ Bellflower
Antennaria isolepis/ Pussytoes M
Antennaria media/ Alpine Pussytoes
Achillea millefolium/ Common Yarrow
Artemisia frigida/ Prairie Sagewort, M
 Prairie Wormwood
Arnica chamissonis/ Meadow Arnica,
 Leafy Arnica
Senecio vulgaris/ Common Groundsel
Sonchus arvensis/ Sow Thistle
Agoseris glauca/ Short-beaked Dandelion M
Hieracium gracile/ Slender Alpine Hawkweed
Hieracium aurantiacum/ Orange Hawkweed