

# OYSTER BAY WETLANDS

## Species and Ecosystems at Risk

### Biogeoclimatic Classification of Property: CWHxm

\*\*Status of each species and plant community in the province is based on ranking by the British Columbia Conservation Data Centre (CDC):

**RED** : Endangered (S1-S2)

**BLUE**: Threatened (S2S3 - S3S4)

### 1.0 Plant Communities

#### 1.1 *Arctostaphylos uva-ursi* - *Lomatium nudicaule* - *Carex macrocephala*

**Location:** Coastal Dune Strip

**CDC Rank:** RED (S1S2)

**Details:** an endangered herbaceous community composed primarily of Kinnikinnick, Indian Consumption Plant (also known as Barestem Desert-Parsley), and Large-headed Sedge. Occurs only in dry, sandy, coastal areas, and is very near its northernmost limits here.

#### 1.2 *Populus tremuloides* - *Malus fusca* - *Carex obrupta*

**Location:** Trembling Aspen - Shore Pine forest

**CDC Rank:** RED (S1S2)

**Details:** an unusual community composed of Trembling Aspen, Pacific Crabapple, and Slough Sedge. Trembling Aspen is unusual anywhere on Vancouver Island, although there is a distinct stand on the property. This community is found only in shallow, ephemeral wetlands on the southeast coast of Vancouver Island, and is near its northernmost limits at Oyster Bay.

#### 1.3 *Picea sitchensis* - *Rubus spectabilis* Very Dry Maritime

**Location:** Mixed Forest Complex

**CDC Rank:** RED (S2)

**Details:** a maritime community composed of Sitka Spruce with an understory of Salmonberry. Sitka Spruce is more typical of wetter climates (such as the west coast of Vancouver Island) and is less common along the drier eastern coast of the island (becoming virtually absent south of Qualicum). The occurrence of this community behind the dry, sandy coastal strip (just north of the Aspen-Pine forest) is highly unusual in British Columbia, as both species (Spruce, Salmonberry) are more typical of moister sites.

## 2.0 Plants

### 2.1 *Piperia elegans* [Seaside Rein-Orchid] ✓

**Location:** Coastal Dune Strip

**CDC Rank:** BLUE (S3)

**Details:** a beautiful and endangered orchid, occurring almost entirely in dry, sandy coastal meadows and below dry, open coastal Douglas-fir forests. Within British Columbia, almost entirely confined to the southeast coast of Vancouver Island, with a few outlying populations in the Queen Charlottes. As with any orchid, this species is highly susceptible to disturbance and quickly disappears from areas once they have been altered.

*perish donation  
100% protection*

## 3.0 Fish

### 3.1 *Oncorhynchus clarki clarki* [Coastal Cutthroat Trout] ✓

**Location:** Stream 5

**CDC Rank:** BLUE (S3S4SE)

**Details:** found in the upper portion of Stream 5, which contains water year-round. The *clarki* subspecies is considered threatened in the province and thus its presence in the property's streams suggests the need for significant riparian corridors, particularly along Stream 5.

*donation  
cover  
100%*

## 4.0 Amphibians

### 4.1 *Rana aurora* [Red-legged Frog]

**Location:** widespread throughout the wetlands and moist forests

**CDC Rank:** BLUE (S3S4)

**Details:** this species is confined in the province to the Georgia Depression Ecozone, one of the most densely populated regions in Canada, and is thus highly at risk of extirpation as wetlands are drained and filled. As with most amphibians, the presence of wetlands with significant water is paramount to the survival of this species, as its larva require these for growth and development (although the adults regularly wander into nearby forests and woodlands).

*cover  
100%*

## 5.0 Birds

### 5.1 *Progne subis* [Purple Martin]

**Location:** primarily Wetland #2

**CDC Rank:** RED (S2B)

**Details:** although it does not breed on the property, the area's wetlands

(especially Wetland #2) are very important sources of food for the nearby breeding population at Oyster Bay. Individuals from this small population regularly forage over the wetlands, which provide an abundance of suitable insect prey for the birds. The population at Oyster Bay is also significant in that it is one of the most northerly breeding populations in the province (only the tiny population at the Campbell River estuary is farther north).

### 5.2 *Ardea herodias* [Great Blue Heron]

**Location:** all wetlands

**CDC Rank:** BLUE (S3B)

**Details:** does not nest on the property, but individuals from nearby colonies regularly forage at the streams and wetlands on the property. Because of the presence of larger numbers of fish, Stream 5 is particularly important to this species, although it also occurs at other wetlands. This species is rapidly declining as a breeding bird on the south coast, and any areas used by resident populations are crucially important to its long term survival.

### 5.3 *Patagioenas fasciata* [Band-tailed Pigeon]

**Location:** throughout the property

**CDC Rank:** BLUE (S3S4B)

**Details:** probably nests on the property, although documentation of this is lacking. Commonly seen throughout the area, particularly when flying. This sensitive and shy species requires areas of relatively dense forest for nesting, and forages on a variety of berries and other vegetable matter. Severe fragmentation of the forests in the area would likely result in reduced populations of the bird or even local extirpation (at least as a breeding species).

## 6.0 Mammals

### 6.1 *Sorex palustris brooksi* [Pacific Water Shrew, *brooksi* ssp.]

**Location:** possibly throughout property, particularly near wetlands

**CDC Rank:** RED (S2)

**Details:** this very rare endemic subspecies, occurring only on Vancouver Island, is of high probability to occur on the property given its known distribution (primarily east-central Vancouver Island, with specific locations including nearby areas of Black Creek and Quinsam Lake) and its specific habitat needs (wetlands with nearby wooded habitats). The preservation of intact wetlands and their surrounding forested habitats (as well as the interface between the two) is crucial to the continued survival of this shy and elusive mammal. Steps should be taken to determine if the species does occur on the property (through a pit-fall trapping program).

## Additional Species of Interest on the Property

### Uncommon Species of Local or Regional Interest

#### Native Plants

\* : plants normally associated with the dry southeastern coast of Vancouver Island, and thus near their northernmost limits here

\*\* : part of a complex of normally montane species occurring on the property, which form an unusual interface between high-elevation habitats and the seacoast

<i>Cornus nuttallii</i>	[Pacific Dogwood]
<i>Populus tremuloides</i>	[Trembling Aspen]*
<i>Salix hookeriana</i>	[Hooker's Willow]
<i>Taxus brevifolia</i>	[Pacific Yew]
<i>Menziesia ferruginea</i>	[False-azalea]**
<i>Myrica gale</i>	[Sweet Gale]
<i>Oplopanax horridus</i>	[Devil's-club]
<i>Ribes divaricatum</i>	[Wild Black Gooseberry]*
<i>Symphoricarpos hesperius</i>	[Trailing Snowberry]*
<i>Vaccinium ovalifolium</i>	[Oval-leaved Blueberry]**
<i>Viburnum edule</i>	[Highbush-cranberry]
<i>Alisma plantago-aquatica</i>	[Water-plantain]
<i>Angelica geruiflexa</i>	[Kneeling Angelica]
<i>Campanula scouleri</i>	[Scouler's Harebell]*
<i>Cirsium brevistylum</i>	[Short-styled Thistle]*
<i>Coptis asplenifolia</i>	[Fern-leaved Goldthread]**
<i>Cornus Canadensis</i>	[Bunchberry]**
<i>Delphinium menziesii</i>	[Menzies' Larkspur]*
<i>Fritillaria affinis</i>	[Chocolate Lily]*
<i>Geranium bicknellii</i>	[Bicknell's Geranium]*
<i>Hypericum anagalloides</i>	[Bog St. John's-wort]
<i>Lomatium nudicaule</i>	[Indian Consumption Plant]*
<i>Lupinus littoralis</i>	[Seashore Lupine]
<i>Mimulus moschatus</i>	[Musk-flower]
<i>Moneses uniflora</i>	[Single Delight]
<i>Potentilla egedii</i>	[Pacific Silverweed]
<i>Potentilla norvegica</i>	[Norwegian Cinquefoil]
<i>Ranunculus occidentalis</i>	[Western Buttercup]
<i>Rorippa curvisiliqua</i>	[Western Yellow-cress]
<i>Rorippa palustris</i>	[Marsh Yellow-cress]
<i>Scutellaria lateriflora</i>	[Blue Skullcap]
<i>Spiranthes romanzoffiana</i>	[Hooded Ladies'-tresses]
<i>Streptopus amplexifolius</i>	[Clasping Twistedstalk]**
<i>Veronica scutellata</i>	[Marsh Speedwell]
<i>Agrostis exarata</i>	[Spike Bentgrass]

<i>Carex echinata</i> ssp. <i>phyllomanica</i>	[Coastal Stellate Sedge]
<i>Carex macrocephala</i>	[Large-headed Sedge]*
<i>Cinna latifolia</i>	[Wood Reedgrass]
<i>Deschampsia elongata</i>	[Slender Hairgrass]
<i>Dulichium arundinaceum</i>	[Three-way Sedge]
<i>Eleocharis ovata</i>	[Ovoid Spike-rush]
<i>Festuca idahoensis</i>	[Idaho Fescue]*
<i>Festuca subulata</i>	[Bearded Fescue]
<i>Festuca subuliflora</i>	[Crinkle-awned Fescue]
<i>Glyceria borealis</i>	[Northern Mannagrass]
<i>Poa howellii</i>	[Howell's Bluegrass]*
<i>Trisetum cernuum</i>	[Nodding Trisetum]

**Vertebrates**

<i>Oncorhynchus gairdneri</i>	[Rainbow Trout] (may be Steelhead??)
<i>Oncorhynchus kisutch</i>	[Coho Salmon]
<i>Ambystoma gracile</i>	[Northwestern Salamander]
<i>Cygnus buccinator</i>	[Trumpeter Swan]
<i>Cathartes aura</i>	[Turkey Vulture]
<i>Pandion haliaetus</i>	[Osprey]
<i>Vireo huttonii</i>	[Hutton's Vireo]
<i>Thryomanes bewickii</i>	[Bewick's Wren]
<i>Psaltriparus minimus</i>	[Bushtit]
<i>Dendroica nigrescens</i>	[Black-throated Gray Warbler]
<i>Wilsonia pusilla</i>	[Wilson's Warbler]
<i>Melospiza lincolni</i>	[Lincoln's Sparrow]
<i>Loxia curvirostra</i>	[Red Crossbill]
<i>Castor canadensis</i>	[Beaver]
<i>Mustela vison</i>	[Mink] (*unconfirmed*)
<i>Canis lupus</i>	[Grey Wolf]
<i>Felis concolor</i>	[Cougar]

## VASCULAR PLANTS OF OYSTER BAY WETLANDS

\*BLUE\* = Blue-listed (Threatened) [1 species]  
uc = locally uncommon and of special interest

### TREES [21 spp.]

<i>Abies grandis</i>		Grand Fir
<i>Acer glabrum</i>		Douglas' Maple
<i>Acer macrophyllum</i>		Bigleaf Maple
<i>Alnus rubra</i>		Red Alder
<i>Cornus nuttallii</i>	uc	Pacific Dogwood
<i>Malus fusca</i>		Pacific Crabapple
<i>Picea sitchensis</i>		Sitka Spruce
<i>Pinus contorta</i> var. <i>contorta</i>		Shore Pine
<i>Pinus monticola</i>		Western White Pine
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>		Black Cottonwood
<i>Populus tremuloides</i>	uc	Trembling Aspen
<i>Prunus emarginata</i>		Bitter Cherry
<i>Pseudotsuga menziesii</i>		Douglas-fir
<i>Rhamnus purshiana</i>		Cascara
<i>Salix hookeriana</i>	uc	Hooker's Willow
<i>Salix lucida</i> ssp. <i>lasiandra</i>		Pacific Willow
<i>Salix scouleriana</i>		Scouler's Willow
<i>Salix sitchensis</i>		Sitka Willow
<i>Taxus brevifolia</i>	uc	Pacific Yew
<i>Thuja plicata</i>		Western Redcedar
<i>Tsuga heterophylla</i>		Western Hemlock

### SHRUBS [31 spp.]

<i>Amelanchier alnifolia</i>		Saskatoon
<i>Arctostaphylos uva-ursi</i>		Kinnikinnick
<i>Cornus stolonifera</i>		Red-osier Dogwood
<i>Cytisus scoparius</i>		Scotch Broom
<i>Gaultheria shallon</i>		Salal
<i>Holodiscus discolor</i>		Oceanspray
<i>Lonicera ciliosa</i>		Orange Honeysuckle
<i>Lonicera involucrata</i>		Black Twinberry
<i>Mahonia aquifolium</i>		Tall Oregon-grape
<i>Mahonia nervosa</i>		Dull Oregon-grape
<i>Menziesia ferruginea</i>	uc	False-azalea
<i>Myrica gale</i>	uc	Sweet Gale
<i>Oplopanax horridus</i>	uc	Devil's-club
<i>Physocarpus capitatus</i>		Pacific Ninebark

<i>Ribes bracteosum</i>		Stink Currant
<i>Ribes divaricatum</i>	uc	Wild Black Gooseberry
<i>Rosa gymnocarpa</i>		Baldhip Rose
<i>Rosa nutkana</i>		Nootka Rose
<i>Rubus laciniatus</i>		Evergreen Blackberry
<i>Rubus leucodermis</i>		Black Raspberry
<i>Rubus parvifolius</i>		Thimbleberry
<i>Rubus procerus</i>		Himalayan Blackberry
<i>Rubus spectabilis</i>		Salmonberry
<i>Rubus ursinus</i>		Trailing Blackberry
<i>Sambucus racemosa</i>		Red Elderberry
<i>Spiraea douglasii</i>		Hardhack
<i>Symphoricarpos albus</i>		Common Snowberry
<i>Symphoricarpos hesperius</i>	uc	Trailing Snowberry
<i>Vaccinium ovalifolium</i>	uc	Oval-leaved Blueberry
<i>Vaccinium parvifolium</i>		Red Huckleberry
<i>Viburnum edule</i>	uc	Highbush-cranberry
<b>FORBS [154 spp.]</b>		
<i>Achillea millefolium</i>		Yarrow
<i>Achlys triphylla</i>		Vanilla-leaf
<i>Adenocaulon bicolor</i>		Pathfinder
<i>Alisma plantago-aquatica</i>	uc	Water-plantain
<i>Allium cernuum</i>		Nodding Onion
<i>Anaphalis margaritacea</i>		Pearly Everlasting
<i>Anemone lyallii</i>		Lyall's Anemone
<i>Angelica genuflexa</i>	uc	Kneeling Angelica
<i>Aquilegia formosa</i>		Red Columbine
<i>Arenaria serpyllifolia</i>		Thyme-leaved Sandwort
<i>Aster chilensis</i>		Common California Aster
<i>Aster modestus</i>		Great Northern Aster
<i>Aster subspicatus</i>		Douglas' Aster
<i>Barbarea orthoceras</i>		American Winter-cress
<i>Brassica campestris</i>		Field Mustard
<i>Callitriche palustris</i>		Spring Water-starwort
<i>Campanula scouleri</i>	uc	Scouler's Harebell
<i>Capsella bursa-pastoris</i>		Shepherd's-purse
<i>Cardamine oligosperma</i>		Few-seeded Bitter-cress
<i>Cerastium arvense</i>		Field Chickweed
<i>Cerastium fontanum</i>		Mouse-ear Chickweed
<i>Chenopodium album</i>		Lamb's-quarters
<i>Cirsium arvense</i>		Canada Thistle
<i>Cirsium brevistylum</i>	uc	Short-styled Thistle
<i>Cirsium vulgare</i>		Bull Thistle
<i>Claytonia perfoliata</i>		Miner's-lettuce
<i>Claytonia sibirica</i>		Siberian Miner's-lettuce

<i>Convolvulus sepium</i>		Hedge Bindweed
<i>Coptis asplenifolia</i>	uc	Fern-leaved Goldthread
<i>Cornus canadensis</i>	uc	Bunchberry
<i>Crepis capillaris</i>		Smooth Hawksbeard
<i>Crepis tectorum</i>		Annual Hawksbeard
<i>Daucus carota</i>		Queen Anne's Lace
<i>Delphinium menziesii</i>	uc	Menzies' Larkspur
<i>Dianthus armeria</i>		Deptford Pink
<i>Dicentra formosa</i>		Pacific Bleedingheart
<i>Digitalis purpurea</i>		Common Foxglove
<i>Epilobium angustifolium</i>		Fireweed
<i>Epilobium brachycarpum</i>		Tall Annual Willowherb
<i>Epilobium ciliatum</i>		Purple-leaved Willowherb
<i>Epilobium minutum</i>		Small-flowered Willowherb
<i>Eriophyllum lanatum</i>		Woolly Eriophyllum
<i>Euphrasia nemorosa</i>		Eastern Eyebright
<i>Fragaria vesca</i>		Wood Strawberry
<i>Fragaria virginiana</i>		Wild Strawberry
<i>Fritillaria affinis</i>	uc	Chocolate Lily
<i>Galeopsis tetrahit</i>		Hemp-nettle
<i>Galium trifidum</i>		Small Bedstraw
<i>Galium triflorum</i>		Sweet-scented Bedstraw
<i>Geranium bicknellii</i>	uc	Bicknell's Geranium
<i>Geranium robertianum</i>		Herb-robert
<i>Geum macrophyllum</i>		Large-leaved Avens
<i>Glechoma hederacea</i>		Ground-ivy
<i>Gnaphalium microcephalum</i>		Slender Cudweed
<i>Gnaphalium palustre</i>		Lowland Cudweed
<i>Gnaphalium purpureum</i>		Purple Cudweed
<i>Gnaphalium uliginosum</i>		Marsh Cudweed
<i>Grindelia integrifolia</i>		Puget Sound Gumweed
<i>Hypericum anagalloides</i>	uc	Bog St. John's-wort
<i>Hypericum perforatum</i>		Common St. John's-wort
<i>Hypochaeris radicata</i>		Hairy Cat's-ear
<i>Lactuca muralis</i>		Wall Lettuce
<i>Lapsana communis</i>		Nipplewort
<i>Lathyrus nevadensis</i>		Purple Peavine
<i>Leptidium heterophyllum</i>		Field Pepper-grass
<i>Leucanthemum vulgare</i>		Oxeye Daisy
<i>Lilium columbianum</i>		Tiger Lily
<i>Lomatium nudicaule</i>	uc	Indian Consumption Plant
<i>Lotus corniculatus</i>		Bird's-foot Trefoil
<i>Lupinus littoralis</i>	uc	Seashore Lupine
<i>Lycopus uniflorus</i>		Northern Water Horehound
<i>Lysichiton americanum</i>		Skunk Cabbage
<i>Maianthemum dilatatum</i>		False Lily-of-the-valley

<i>Maianthemum stellata</i>		Star-flowered False Solomon's-seal
<i>Matricaria discoidea</i>		Pineapple Weed
<i>Medicago lupulina</i>		Black Medic
<i>Medicago sativa</i>		Alfalfa
<i>Melilotus officinalis</i>		White Sweet-clover
<i>Mentha arvensis</i>		Field Mint
<i>Menyanthes trifoliata</i>		Buckbean
<i>Mimulus guttatus</i>		Yellow Monkey-flower
<i>Mimulus moschatus</i>	uc	Musk-flower
<i>Moehringia macrophylla</i>		Large-leaved Sandwort
<i>Moneses uniflora</i>	uc	Single Delight
<i>Myosotis laxa</i>		Small-flowered Forget-me-not
<i>Nuphar lutea</i>		Yellow Pond-lily
<i>Oenanthe sarmentosa</i>		Pacific Water-parsley
<i>Osmorhiza berteroi</i>		Mountain Sweet-cicely
<i>Piperia maritima</i>	*BLUE*	Seaside Rein-orchid
<i>Plantago lanceolata</i>		Ribwort
<i>Plantago major</i>		Common Plantain
<i>Platanthera stricta</i>		Slender Bog-orchid
<i>Polygonum aviculare</i>		Common Knotweed
<i>Polygonum convolvulus</i>		Black Bindweed
<i>Polygonum lapathifolium</i>		Willow-weed
<i>Polygonum persicaria</i>		Lady's-thumb
<i>Polygonum sachalinense</i>		Giant Knotweed
<i>Potamogeton epiphydrus</i>		Ribbon-leaved Pondweed
<i>Potamogeton gramineum</i>		Grass-leaved Pondweed
<i>Potamogeton natans</i>		Floating-leaved Pondweed
<i>Potentilla egedii</i>	uc	Pacific Silverweed
<i>Potentilla norvegica</i>	uc	Norwegian Cinquefoil
<i>Prunella vulgaris</i>		Self-heal
<i>Ranunculus flammula</i>		Lesser Spearwort
<i>Ranunculus occidentalis</i>	uc	Western Buttercup
<i>Ranunculus repens</i>		Creeping Buttercup
<i>Ranunculus uncinatus</i>		Little Buttercup
<i>Rorippa curvisiliqua</i>	uc	Western Yellow-cress
<i>Rorippa palustris</i>	uc	Marsh Yellow-cress
<i>Rumex obtusifolius</i>		Broad-leaved Dock
<i>Rumex sarmentosa</i>		Sheep Sorrel
<i>Sagina procumbens</i>		Bird's-eye Pearlwort
<i>Scutellaria lateriflora</i>	uc	Blue Skullcap
<i>Sedum acre</i>		Goldmoss Stonecrop
<i>Senecio sylvaticus</i>		Wood Groundsel
<i>Senecio vulgaris</i>		Common Groundsel
<i>Silene gallica</i>		Small-flowered Campion
<i>Sisymbrium officinale</i>		Hedge Mustard
<i>Solidago canadensis</i>		Canada Goldenrod

<i>Bromus vulgaris</i>		Columbia Brome
<i>Carex deweyana</i>		Dewey's Sedge
<i>Carex echinata</i> ssp. <i>phyllomanica</i>	uc	Coastal Stellate Sedge
<i>Carex exsiccata</i>		Inflated Sedge
<i>Carex hendersonii</i>		Henderson's Sedge
<i>Carex lenticularis</i> var. <i>lipocarpa</i>		Kellogg's Sedge
<i>Carex macrocephala</i>	uc	Large-headed Sedge
<i>Carex obnupta</i>		Slough Sedge
<i>Carex pachycephala</i>		Thick-headed Sedge
<i>Carex utriculata</i>		Beaked Sedge
<i>Cyma latifolia</i>	uc	Wood Reedgrass
<i>Dactylis glomerata</i>		Orchard Grass
<i>Deschampsia elongata</i>	uc	Slender Hairgrass
<i>Dulichium arundinaceum</i>	uc	Three-way Sedge
<i>Eleocharis ovata</i>	uc	Ovoid Spike-rush
<i>Elymus glaucus</i>		Blue Wildrye
<i>Elymus hirsutus</i>		Hairy Wildrye
<i>Festuca idahoensis</i>	uc	Idaho Fescue
<i>Festuca occidentalis</i>		Western Fescue
<i>Festuca subulata</i>	uc	Bearded Fescue
<i>Festuca subuliflora</i>	uc	Crinkle-awned Fescue
<i>Glyceria borealis</i>	uc	Northern Mannagrass
<i>Glyceria elata</i>		Tall Mannagrass
<i>Holcus lanatus</i>		Common Velvet-grass
<i>Hordeum</i> sp.		Barley sp.
<i>Juncus acuminatus</i>		Tapered Rush
<i>Juncus articulatus</i>		Jointed Rush
<i>Juncus bufonius</i>		Toad Rush
<i>Juncus effusus</i>		Common Rush
<i>Juncus ensifolius</i>		Dagger-leaved Rush
<i>Juncus tenuis</i>		Slender Rush
<i>Leymus mollis</i>		Dunegrass
<i>Lolium arundinaceum</i>		Tall Fescue
<i>Lolium multiflorum</i>		Italian Ryegrass
<i>Lolium perenne</i>		Perennial Ryegrass
<i>Luzula fastigiata</i>		Forked Wood-rush
<i>Luzula subsessilis</i>		Short-stalked Wood-rush
<i>Melica subulata</i>		Alaska Oniongrass
<i>Phalaris arundinaceum</i>		Reed Canarygrass
<i>Phleum pratense</i>		Timothy
<i>Poa annua</i>		Annual Bluegrass
<i>Poa compressa</i>		Canada Bluegrass
<i>Poa howellii</i>	uc	Howell's Bluegrass
<i>Poa pratensis</i>		Kentucky Bluegrass
<i>Scirpus microcarpus</i>		Small-flowered Bulrush
<i>Torreyochloa pauciflorus</i>		Weak False-manna

<i>Solidago spathulata</i>		Spike-like Goldenrod
<i>Sonchus asper</i>		Prickly Sow-thistle
<i>Sonchus oleraceus</i>		Common Sow-thistle
<i>Sparganium emersum</i>		Emerald Bur-reed
<i>Spergularia rubra</i>		Red Sand-spurry
<i>Spiranthes romanzoffiana</i>	uc	Hooded Ladies'-tresses
<i>Stachys chamissonis</i> var. <i>cooleyae</i>		Cooley's Hedge-nettle
<i>Stellaria borealis</i>		Northern Starwort
<i>Stellaria crispa</i>		Crisp Starwort
<i>Stellaria media</i>		Common Chickweed
<i>Streptopus amplexifolius</i>	uc	Clasping Twistedstalk
<i>Symphytum x uplandicum</i>		Hybrid Comfrey
<i>Tanacetum vulgare</i>		Common Tansy
<i>Taraxacum officinale</i>		Common Dandelion
<i>Teesdalia nudicaule</i>		Shepherd's-cress
<i>Tiarella trifoliata</i>		Foamflower
<i>Trautvetteria carolinensis</i>		False Bugbane
<i>Trientalis borealis</i>		Broad-leaved Starflower
<i>Trifolium aureum</i>		Yellow Clover
<i>Trifolium campestre</i>		Low Hop-clover
<i>Trifolium dubium</i>		Small Hop-clover
<i>Trifolium hybridum</i>		Alsike Clover
<i>Trifolium pratense</i>		Red Clover
<i>Trifolium repens</i>		White Clover
<i>Typha latifolia</i>		Common Cattail
<i>Veronica arvensis</i>		Wall Speedwell
<i>Veronica beccabunga</i> ssp. <i>americana</i>		American Brooklime
<i>Veronica scutellata</i>	uc	Marsh Speedwell
<i>Veronica serpyllifolia</i>		Thyme-leaved Speedwell
<i>Vicia americana</i>		American Vetch
<i>Vicia cracca</i>		Tufted Vetch
<i>Vicia villosa</i>		Woolly Vetch
<i>Viola adunca</i>		Early Blue Violet
<i>Zigadenus venenosus</i>		Meadow Death-camas

**GRASSES, SEDGES, & RUSHES [58 spp.]**

<i>Agrostis capillaris</i>		Colonial Bentgrass
<i>Agrostis exarata</i>	uc	Spike Bentgrass
<i>Agrostis gigantea</i>		Redtop
<i>Agrostis scabra</i>		Hair Bentgrass
<i>Agrostis stolonifera</i>		Creeping Bentgrass
<i>Aira caryophylla</i>		Silver Hairgrass
<i>Aira praecox</i>		Early Hairgrass
<i>Alopecurus geniculatus</i>		Water Meadow-foxtail
<i>Anthoxanthum odoratum</i>		Sweet Vernalgrass
<i>Bromus tectorum</i>		Cheatgrass

*Trisetum cernuum*  
*Vulpia myuros*

uc

Nodding Trisetum  
Foxtail Fescue

**FERNS & ALLIES** [8 spp.]

*Athyrium filix-femina*  
*Blechnum spicant*  
*Dryopteris expansa*  
*Equisetum arvense*  
*Equisetum telmateia*  
*Polypodium glycyrrhiza*  
*Polystichum munitum*  
*Pteridium aquilinum*

Lady Fern  
Deer Fern  
Spiny Wood Fern  
Common Horsetail  
Giant Horsetail  
Licorice Fern  
Sword Fern  
Bracken Fern

