

## Plant Species at Jackson Bottom Wetlands Preserve

A **Native Plant** is a plant that occurs or historically occurred naturally in the area, not introduced by humans (i.e. those that grew in the area before Euro-American exploration and settlement about 300 years ago.) A **Naturalized Plant** is an introduced plant that has learned to live and propagate on its own in suitable new areas.

There are over 4000 Oregon native plants. Native plants are described as "indigenous." Non-native plants are described as "introduced", "exotic", or "alien."

### **Approximate conversions:**

1 meter (m) = 39.4 inches  
1 centimeter (cm) = 0.4 inch  
1 millimeter (mm) = 0.04 inch  
1 meter = 100 centimeters = 1000 millimeters

### **Key:**

Flowers – F  
Fruits – FR  
Seeds – S  
Stems – ST  
Bark – B  
Leaves – L  
Roots – R

### **Wetlands Indicator Status Codes**

OBL = obligate wetlands (~99%-100% of time found in wetlands), nearly always in wetlands  
FACW = facultative wetlands (~67-99% of time found in wetlands), usually in wetlands  
FAC = facultative (~34-66% of time), equally occurs in wetlands or non-wetlands  
FACU = facultative uplands (~1-33% of time in wetlands), usually in uplands  
UPL = obligate uplands (~0-1% found in wetlands), nearly always found in uplands

### **TREES** (most > 20 feet tall at maturity, one main trunk, woody/hard, long life)

Bigleaf Maple (*Acer macrophyllum*) - up to 35m tall, 5 lobed large L, paired winged S (samaras), gray-br. B, FACU  
Black Cottonwood (*Populus balsamifera trichocarpa*) - up to 60m tall, cottony S, sticky buds, FAC  
Black Hawthorn (*Crataegus douglasii*) - lobed & serrated. L, thorns, no term. bud., purp/bl FR, FAC  
Black Walnut (*Juglans nigra*) - introduced, huge, pinnately compound L, tall, nuts, full sun, moist to dry  
Cascara/Buckthorn (*Rhamnus purshiana*) - black FR, naked winter buds, deep venation, laxative B, FAC-  
Douglas Fir (*Pseudotsuga menziesii*) - tall, distinct mouse tail/feet on cones, bottlebrush look, FACU  
Grand Fir (*Abies grandis*) - tall, needles spread horizontally, dark green and grooved above, UPL  
Oregon Ash (*Fraxinus latifolia*) - tall 10-20m, pinn. comp. L, canoe shaped S, oppos. L, netted B, FACW  
Oregon White Oak/Garry Oak (*Quercus garryana*) - tall, acorns, round crown, pinnately lobed L, UPL  
Pacific Crabapple (*Malus/Pyrus fusca*) - thornless, small white F, small yellow to red FR, full sun-part shade, moist  
Pacific Dogwood (*Cornus nuttallii*) - white bracts, red "berry" FR in clusters, moist to dry, full sun-part  
Red Alder (*Alnus rubra*) - 25m tall, woody "cones" 1" long., reddish catkins, smooth gray blotchy B, FAC  
Western Red Cedar (*Thuja plicata*) - up to 70m tall, tiny rosebud cones, butterfly shapes underneath, FAC

### **SHRUBS** (most < 20 feet tall at maturity, most multi-trunked, woody/hard, long life)

Black Twinberry (*Lonicera involucrata*) - opposite L, yellow tubular F in pairs in leaf axils, black berries, FAC+  
California or Beaked Hazelnut/Filbert (*Corylus cornuta*) - sh/tree, yel. male catkin, fem. bud, fuzz L, nuts, FACU  
Choke Cherry (*Prunus virginiana*) - 2-15m tall, alt L, white F in long cyl. clust., black FR, full sun-part sh., moist-dry  
Clustered Wild Rose/Swamp Rose (*Rosa pisocarpa*) - <4cm, pink clust. F, moist-dry, full sun-part shade, FAC  
Douglas Spirea/Hardhack (*Spiraea douglasii*) - 10cm. pink plume F, leggy in thickets, blue-green L, full sun, FACW  
Golden Currant (*Ribes aureum*) - 1-2m tall, full sun to part sh., moist to dry, lt. green lobed L, yellow spicy-fragrant F  
Himalayan Blackberry (*Rubus discolor*) - introduced, invasive, white flowers, thorns, FACU  
Kinnikinnick/Common Bearberry (*Arctostaphylos uva-ursi*) - low trailing, evergreen, gr. cover, dry, full sun-part sh.  
Mock Orange (*Philadelphus lewisii*) - 3m tall, white fragrant 2-3 cm F, L opp, 3 veins on leaf base, UPL  
Nootka Rose (*Rosa nutkana*) - 4-8cm pink single F, red pear shaped hips, big thorns, 2 prickles at leaf base, FAC  
Ocean Spray/Creambush/Ironwood (*Holodiscus discolor*) - alternate L, cream spray F, moist to dry, full sun-part sh.  
Osoberry/Indian Plum (*Oemleria cerasiformis*) - early white F, smooth L, drupe FR, FACU

Pacific Ninebark (*Physocarpus capitatus*) - understory, shreddy B, 3-5 lobed L, white cluster F, FACW-  
 Pacific Rhododendron (*Rhododendron macrophyllum*) - evergreen, leathery, light pink F, moist-dry, full sun-part sh.  
 Pacific Willow (*Salix lucida lasiandra*) - alt. lance shape L tapering to tip, glands, stipule "ears" by leaf base, FACW  
 Hooker's Willow (*Salix hookeriana*) - Piper's willow is a variety, 3-6 m, L broadly elliptical 4-12 cm, FACW  
 Red Elderberry (*Sambucus racemosa*) - 2-7m. tall, compound L, red berries, full sun-part shade, moist-dry, FACU  
 Red-flowering Currant (*Ribes sanguineum*) - 1-3m tall, no spines, L lobed, F magenta to red clusters, UPL  
 Red-osier Dogwood/ Creek Dogwood (*Cornus stolonifera* or *sericea*) - 2-6m, opp. L, par. veins, red stem, FACW  
 Salal (*Gautheria shallon*) - evergreen, leathery, white bell F, dark red-blue berries, moist to dry, full sun to full shade  
 Salmonberry (*Rubus spectabilis*) - hot pink F, orangy-red fruits, 1-3 m tall, pin compound toothed L, FAC+  
 Scouler Willow (*Salix scouleriana*) - 2-12m tall, female catkins 2-6 cm, L broadest at tip, FAC  
 Serviceberry or Saskatoon (*Amelanchier alnifolia*) - 1-5m tall, white showy F., purp/bl. FR, short broad L., FACU  
 Sitka Willow (*Salix sitchensis*) - multi-stemmed shrub 2-6m tall, broad lance L, FACW  
 Snowberry/Waxberry (*Symphoricarpos albus*) - .5 to 2.5m tall, opp. L, white bell F., white berry-like FR, FACU  
 Tall Oregon Grape (*Mahonia/Berberis aquifolia*) - yellow F, leaves like Holly, moist to dry, full sun to part shade  
 Thimbleberry (*Rubus parviflorus*) -1-2m tall, soft fuzzy large L, white F, red berry FR, full sun-part sh., moist, FAC-  
 Trailing or Pacific Blackberry /Dewberry (*Rubus ursinus*)- only native bl. - trailing, 3-part L, 1 cm. berries, FACU  
 Vine Maple (*Acer circinatum*) - 7 lobes on L, samaras at 180 angle with no fuzzy heads, moist to dry, part-full shade

### HERBS/FORBS (Most < 10 feet, one or more stems, non-woody/soft, short life)

American Speedwell (*Veronicum americana*) - 5-60cm tall, ST succulent smooth hairless, opp L 1.5-8cm, OBL  
 American Vetch (*Vicia americana*) - trailing tangled masses, compound purple. F, 8-18 leaflets, pea, UPL  
 Birds-foot Trefoil (*Lotus corniculatus*) - introduced., bright yellow pea like F, low, droopy, FAC  
 Bittersweet Nightshade/European bittersweet (*Solanum dulcamara*) - intro vine, purple & yellow F, poison FR, FAC+  
 Broadleaf Cattail (*Typha latifolia*) - marsh, cylind. spike, top F -lower female, upper male, stem pithy, OBL  
 Bull Thistle (*Cirsium vulgare*) - introduced., spines, pink F, alt. lance shaped toothed L, FACU  
 California Poppy (*Eschscholzia californica*) - introduced., orange F., basal parsley like L, UPL  
 Catchweed Bedstraw/Cleavers (*Galium aparine*) - ST sprawling with hooked bristles, leaf whorls, FACU  
 Chicory (*Cichorium intybus*) - introduced, milky juice, toothed L, blue composite F, UPL  
 Chilean Tarweed (*Madia sativa*) - aromatic tar scent, sticky, small yellow flowers, FACU  
 Common Camas (*Camassia quamash*) - wet meadows, blue spike F, lily-like shape, has bulbs, FACW  
 Common Dead Nettle/Henbit (*Lamium amplexicaule*) - intro. short, mint, square stem, reddish purple and green  
 Common St. Johnswort (*Hypericum perforatum*) - introduced, narrow lance L, yellow F, long stamens, UPL  
 Creeping Buttercup (*Ranunculus repens*) - intro., short dk. green, 3 lobed leaflets, stolons, big br. yellow F, FACW  
 Curled Dock (*Rumex crispus*) - curly edge L, rusty br F, whorled in clust along up. Stem, FAC+  
 Cut-leaf Water Horehound (*Lycopus americanus*) - mint, stems square, tiny white flowers in leaf axils, OBL  
 Duckweed (*Lemna minor*) - smallest flowering plant, roundish flat, floats on water, OBL  
 False Solomon's Seal (*Smilacina racemosa*) - alt. L, sm wh. F clust.tip, red FR, in shade/woods, springtime, FAC-  
 Fawn Lily (*Erythronium oregonum*) - white/light yellow lily found in shady woods, springtime  
 Field Bindweed/Morning Glory (*Convolvulus arvensis*) - introduced, trailing, arrow shaped L., white F, UPL  
 Field Mustard (*Brassica campestris*) - introduced., basal L., yell. F, L clasp stem near top  
 Fireweed (*Epilobium angustifolium*) - .8-3m tall, alternate L, large pink spikes, on disturbed sites  
 Fringecup (*Tellima grandiflora*) - shady woods, springtime, heart L, green-wh-pink F spike, petals frilly  
 Giant Purple Trillium/Wakerobin (*Trillium kurabayashii*) - native to S. OR and N. CA, sessile L and F, spotted L  
 Goatsbeard (*Aruncus dioicus*) - compound leaves, leaflets toothed and pointed, white tiny F, drooping spikes  
 Great Camas (*Camassia leichtlinii*) - F white or blue open inflor., seeds away from ST, tepal twists, FACW-  
 Jewelweed/Orange Balsam (*Impatiens capensis*) - orange F, Alternate and toothed L, easily broken, FACW  
 Large leafed Lupine (*Lupinus polyphyllus*)- 10-17 leaflets, palmately compound L, blue to violet, white  
 Leafy Aster (*Aster foliaceus*) - lance L, 15-60 lavender ray F, 1-2cm, yellow disk F  
 Leafy Beggars-Tick/Bur-Marigold (*Bidens frondosa*) - gold F, taller than Nodding Beggartick, FACW+  
 Marsh Cudweed (*Gnaphalium palustre*) - very short, wh. woolly hairs, flowers wh-green., FAC+  
 Mayweed or Stinking Chamomile (*Anthemis cotula*) - introduced, ill-scented, white ray F, yellow disk F, FACU  
 Moth Mullein (*Verbascum blattaria*) - introduced, yellow or white, tall F spikes, lobed leaves, UPL  
 Narrow-leaf Cattail (*Typha angustifolia*) - narrower leaf, in deeper water than broadleaf cattail, OBL  
 Nodding Beggarticks (*Bidens cernua*) - opposite, yell composite F, seeds barbed/stick on clothes, FACW+  
 Oxeye Daisy (*Leucanthemum vulgare*) - ray F white 1-2mm long disks yellow 1-2cm, heads solitary, aromatic  
 Pennyroyal (*Mentha pulegium*) - introduced, purple F, invasive, marsh, OBL  
 Pineapple Weed (*Matricaria discoidea*) - pineapple scent, yellow conehead F, no ray F, lacy L., short, FACU  
 Poison Hemlock (*Conium maculatum*)- introd., purple-blotchy ST, 3 m. tall, lacy L., wh. F., poison. if eaten, FAC+  
 Queen Annes Lace/Wild Carrot (*Daucus carota*) - introduced, white umbel, ST not purp. blotchy, L fern-like, FACU+  
 Scouler's Popcorn Flower (*Plagiobothrys scouleri*) - tiny white F with yellow eye, loosely coiled F inflor., FACW  
 Self Heal/Heal All (*Prunella vulgaris*) - introduced, mint, square opposite stem, smooth L., purp. F, FACU+

Slender Blue Penstemon (*Penstemon procerus*) - 5-40cm tall, opp L, blue-purple F curve down., "beardtongue"  
 Smartweed/PepperWeed (*Polygonum* ssp.) - marsh edge, white to pink spike F, sheathed stipules around ST  
 Sticky Groundsel (*Senecio viscosus*) - yellow disk F, F heads with sticky hairs, lobed tooth L  
 Stinking Chamomille/Mayweed (*Anthemis cotula*) - intro, strong odor, composite wh/ite and yellow F, short, lacy leaves  
 Stream Violet/Yellow wood violet (*Viola glabella*) - stream, woods, yellow irreg. F, heart shaped L, FACW+  
 Teasel (*Dipsacus sylvestri/fullonum*) - introduced, invasive, prickly plant with F with hooked leaf bracts, FAC  
 Vanilla Leaf (*Achlys triphylla*) - vanilla odor, 3 fan-shaped toothed leaflets, white dainty spike F, moist shady woods  
 Wapato/Arrowhead (*Sagittaria latifolia*) - 20-90cm tall, marsh, basal L, white FL., tubers, arrow-shaped L, OBL  
 Water Fern (*Azolla mexicana*) - blue-green to reddish, small floating plant like duckweed  
 Water Plantain (*Alisma plantago-aquatica*) - marsh, bulb, white F in spike, basal L., OBL  
 Water Purslane (*Ludwigia palustris*) - introduced emergent forb, stems succulent reddish, flat on mud, OBL  
 Western Bitter-cress (*Cardamine occidentalis*) - introduced, small, white flowers, 4 petals 3-5 mm long  
 Western Clematis (*Clematis vitalba*) - introduced, invasive, vine climbs on trees, cream F, moist to dry, full sun-sh.  
 Western Trillium (*Trillium ovatum*) - woods, L in whorls, triang-oval, white F., turn pink with age  
 Western Yellow Cress (*Rorippa curvisiliqua*) - wet meadow, sm. deep pinnate lobed, yellow, OBL  
 Wild Ginger (*Asarum caudatum*) - heart to kidney-shaped shiny L, purplish brown bell F., aromatic, shade  
 Wild Radish (*Raphanus sativus*) - introduced, 4 petals in a cross shape, light yellow, white, or lavender F, full sun  
 Yarrow (*Achillea millefolium*) - white to pink F, roundish or flat topped cluster, fern-like L, aromatic, UPL

## GRASSES

Meadow Foxtail Grass (*Alopecurus pratensis*) - introduced, wet meadow, slender green/yellow spike, FACW  
 Perennial Ryegrass (*Lolium perenne*) - intro, 30-80cm tall, bunchgrass, FACU  
 Reed Canarygrass (*Phalaris arundinacea*) - introduced, wet meadow, very invasive, 2m. tall, stout rhizomes, FACW-

## RUSHES and SEDGES

Creeping Spikerush (*Eleocharis palustris*) - to 1m. tall, flower spikes 5-20 mm long, looks like ST only, OBL  
 Fox Sedge (*Carex vulpinoidea*) - tufted, 30-100cm tall, leaf sheaths wrinkled, OBL  
 Hardstem Bullrush/Tule (*Scirpus lacustris acutus*) - marsh, short basal L, open term. F clusters, OBL  
 Ovoid Spike Rush (*Eleocharis ovata*) - marsh, round needle like ST, compact single terminal spike brown F., OBL  
 Slender Rush (*Juncus tenuis*) - tufted, 15-70cm tall, ST slender round, bright green, L lower on stem, FACW  
 Slender-beaked Sedge (*Carex athrostachya*) - ST sharply triangular, 15-100cm tall, FACW  
 Slough Sedge (*Carex obtusa*) - ST thick and triang. S, top male spike, side fem. spikes, OBL  
 Small-fruited Bulrush (*Scirpus microcarpus*) - ST stout and triangular, 60-150cm tall, IL in 3-rank, OBL  
 Soft rush/Common Rush (*Juncus effusus*) - ST hollow and round to 1cm, side F panicle 15 cm, FACW  
 Softstem Bulrush (*Scirpus validus*) - ST are stout and round, 1-3m tall, OBL  
 Thick-headed Sedge (*Carex pachystachya*) - densely tufted with short roots and round sST 15-70cm tall, FAC

## FERNS and HORSETAILS

Sword Fern (*Polystichum munitum*) - big rough look, leaflets shaped like sword & hilt, FACU  
 Common Horsetail (*Equisetum arvense*) - brown fertile stems, whorls look like mini pine trees, FAC  
 Licorice Fern (*Polypodium glycyrrhiza vulgare*) - on sides of mossy trees, licorice flavor. Rhizome