Urban Areas											
Latin Name/ Common Name	Height at 20 Years	Spread at 20 Years	Sun and Shade Suitability	Suitability for Berm Planting	Suitability for Top of Bank Planting	Wildlife Value: Forage and Cover	Blackberry Competition by Shade (SH) or Space (SP) *Highly Effective	Seed Plant or Bulb	Plant Characteristics	Planting and Maintenance Notes	Photos
Trees										All trees to be planted away from bank, 8 to 10 feet	
<i>Acer macrophyllum/</i> Bigleaf maple	30'- 90'	25'- 75'			✓	Forage and Cover (esp. birds)	SH**	<b>V</b>	Beautiful yellow, orange, and red leaves in fall. Has a broad spreading canopy, with leaves 8"- 12" wide. Trunks are generally short and stout.	Vigorous grower. Good for seasonally wet or seasonally dry soils.	
Alnus rubra/ Red alder	40'- 100'	40'			$\checkmark$	Forage (esp. Song and game birds) and Cover	SH	Y	Red alders have smooth grey bark. Leaves turn yellow in autumn.	Fast growing. Short lived (approx. 50 years). Good for seasonally wet soils. Alders are early colonizing species. They establish well on disturbed sites.	
<i>Fraxinus latifolia/</i> Oregon ash	40'- 75'	25'			$\checkmark$	Forage (esp. Hummingbirds and birds) and Cover	SH	Y	Symmetrical tree shape. Common native often used as an ornamental tree. Wood used for fuel.	Fast growing for first third of life span and long lived. Good for seasonally wet soils. This species is often found growing in dense stands.	
Hamamelis virginiana/ Common witchhazel (Ornamental)	20'- 30'	12'			$\checkmark$	Cover (esp. Birds and small mammals)		Y	Irregular, but rounded growth form. Multi- stemmed. Bright to dark green foliage in summer and yellow, showy foliage in fall. Flowers are yellow and spiker-like. Bloom time is mid to late fall. Bark is smooth and grey to light-brown.	Slow-growing. Good for seasonally wet soils. Nice hedge species.	
Prunus subhirtella 'Pendula'/ Weeping flowering cherry (Ornamental)	15'- 40'	15'- 20'			✓	Forage		¥.	Beautiful ornamental specimen tree. Single or double-flowering light-pink pend-ulous clusters of flowers that bloom between late March and early April. Fruits are small and glossy black.	Needs extra care during first year establishment, but will tolerate a variety of soil conditions. Make sure to water and mulch adequately during initial establishment. Will tolerate seasonally dry soil. Prune all new branches/ shoots and sprouts that emerge below the graft union. Rapid weeping branch growth, but moderate vertical growth rate.	

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<i>Quercus garryana/</i> Oregon white oak	25'- 65'	45'			✓	Forage and Cover (esp. Birds and small mammals)			Edible acorn production. Open, spreading growth form in full sun. Excellent shade tree.	Very long lived. Loves open, dry sites. Generally grows slowly in height and diameter.	
Cascara	20'- 30'	25'			✓	Forage and Cover (esp. Song and game birds)			Bark is brownish to sliver-grey with light splotches or blisters. Medicinal.	Good for seasonally wet soils. Typically grown as an understory species or in a shady area.	
Shrubs Acer circinatum/ Vine maple	15'- 20'	3'- 20'		$\checkmark$	~	Forage (esp. Birds) and Cover			Small, sometimes multi-stemmed tree. Flowers are red to maroon in color. Leaves are palmately shaped. Beautiful yellow, orange, and red fall color.	Good for seasonally wet soils. Excellent understory or woodland edge species. Best fall color develops if given afternoon shade.	
Amelanchier alnifolia/ Serviceberry	4'- 12'	6'- 12'		~	✓	Forage (esp. Song and game birds)				Good for seasonally dry soils. Has both horizontal and vertical rhizomatus root system. May be trimmed as a hedge. Great species for restoration and wildlife.	
<i>Cornus sanguinea/</i> Midwinter Fire dogwood	5'- 10'	5'- 10'		$\checkmark$	~	Forage and Cover			Multi-stemmed shrub with orange to red color on new growth. Colorful stems provide excellent winter interest. Foliage turns yellow to blood red in fall. Flow- ers are white clusters that bloom May through June.	Good for seasonally wet soil. Needs moist to wet soil. Very fast growing. Spreads by rhizome, underground root system, and may form thickets. Pruning stems to ground will stimulate new growth. Good for mass plantings and borders. Not a great specimen plant.	
<i>Cornus sericea/</i> Redosier dogwood	6'- 18'	6'- 10'		~	✓	Forage and Cover			Beautiful red stems provide winter interest in garden. Clusters of white flowers bloom from May through July. Stems are often used in floral arrangements.	Good for seasonally wet soil. Needs moist to wet soil. Very fast growing. Spreads by rhizome, underground root system, and may form thickets. Pruning stems to ground will stimulate new growth.	

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Gaultheria shallon/ Salal	1.5'- 5'	1'- 3'		✓	✓	Forage (esp. Birds)			Great low-growing shrub. Flowers are white to pinkish and urn shaped. Edible fruits are reddish-blue to dark purple. Evergreen leathery leaves.	Good for seasonally dry soil. The more sun, the less the plant will spread. Spreads by layering, suckering, and sprouting. Does best with some moisture and part shade. Deer, rabbit, and snail resistant.	
Holodiscus discolor/ Ocean spray	5'- 9'	3'- 6'		$\checkmark$	✓	Forage (esp. Birds, butterflies, and deer)	SP		Large cream-colored, fragrant flower clusters from May through July. Excellent border plant.	Good for seasonally dry soil. Ex	
<i>Mahonia aquifolium/</i> Tall Oregon Grape	8'- 10'	4'- 5'		$\checkmark$	✓	Forage (esp. Songbirds)	SP		Evergreen leaves that become reddish or purplish in winter. There are 5 to 9 leaflets per leaf. Yellow flower clusters. Fruit is purple when ripe. Edible, but not sweet. Medicinal.	Good for seasonally dry soil. Cut back 1/3 of older stems to 6" to rejuvenate.	
<i>Mahonia repens/</i> Dull/short Oregon Grape	1'- 3'			$\checkmark$	✓				Evergreen leaves that become reddish or purplish in winter. There are 9 to 19 leaf- lets per leaf. Yellow flower clusters. Fruit is purple when ripe. Edible, but not sweet. Medicinal.	Good for moist to dry soils. Normally found in open or closed forests.	
Oemleria cerasiformis/ Indian plum	8'- 15'	Varies		~	✓	Forage (esp. Birds)			Clusters of greenish white flowers that bloom in early spring. Berries are bluish black.	Fast growing. Good for seasonally wet or dry soils. Large and dense growth form under shade or open and sprawling form in sun.	
Philadelphus lewisii/ Mock orange	6'- 12'	3'- 10'		~	✓	Forage (esp. Birds, butter- flies, and deer)			Fragrant white flowers May through July. Deciduous. Flowers cluster at the ends of stems. Loosely branched shrub.	Excellent for borders. Popular ornamental shrub. Remove older stems at the base to encourage new growth. Branches can be trained using strong twine or wire to increase branch density.	

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Physocarpus capitatus/ Pacific ninebark	6'- 12'	6'- 8'			$\checkmark$				Fragrant white flowers with many long pink stamens. Blooms May through July. Deciduous. Shrub sheds its reddish bark in vertical trips on the older wood and twigs.	Prefers moist to seasonally wet soils.	
<i>Ribes sanguineum/</i> Red flowering currant	3'- 9'	5'- 9'		~	$\checkmark$	Forage (esp. Hummingbirds, birds, and butterflies)	SP		Beautiful showy white, pink, or red clusters of flowers that bloom in spring. Erect shrub form.	Good for seasonally dry soils. Remove crossing branches. May be pruned to an upright form.	
Rosa nutkana var. nutkana/ Nootka rose	4'- 10'	3'- 5'		~		Forage (esp. Birds)	SP**		Bright pink flowers May through June. Rose hips are purplish-red in fall. Medici- nal.	Fast growing. Good for seasonally wet or sea- sonally dry soils.	
<i>Rubus parviflorus/</i> Thimbleberry	3'- 6'	3'		~	$\checkmark$	Forage and Cover		*	Large leaves emerge in Spring. Flowers are large, papery, and white. Edible red ber- ries look like raspberries.	Medium growth rate. Tolerates dry to seasonally wet soil. Spreads through rhizomes.	
Salix sitchensis/ Sitka willow	6'- 25'	10'			$\checkmark$	Forage and Cover (esp. Birds, butterflies, and bees)	SP*		Bark is grey and smooth. This species is a shrub or small tree. New twig growth is shiny green on top. Medicinal.	Fast grower, but does not spread rapidly. Com- monly used for bank stabilization. Can also be propagated by hardwood cuttings.	
<i>Sambucus caerulea/</i> Blue elderberry	15'- 30'	20'			✓	Forage and Cover			Broadleaf deciduous species. Yellowish- white, many-branched, flower clusters. Edible dark blue fruit.	Prefers moist to seasonally wet soils. Forms thickets. Usually found at forest edge locations.	

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Sambucus racemosa/ Red elderberry	10'- 20'	12'			$\checkmark$	Forage and Cover (esp. Birds, butter- flies, and bees)		¥	Clusters of white flowers in May. Red ber- ries appear June through July.	Fast growing. Good for seasonally wet or sea- sonally dry soils. This shrub can grow into the form of a small tree.	
Spiraea douglasii/ Douglas spiraea	3-4'	6'		~	~	Forage and Cover		¥	Large clusters of tiny pinkish red flowers. Flower plumes dry and remain on plant through winter.	Fast growing. Prefers moist to wet soils. Will tolerate dry soils once established, but will do best on moist or boggy sites. Needs regular water during establishment. Can form thickets in boggy areas.	
Symphoricarpus albus/ Common snowberry	5'- 6'	3'- 6'		~	✓	Forage	SP**	¥	White to pink bell-shaped flowers. White waxy, non-edible fruit.	Good for seasonally wet or seasonally dry soils. If pruned to ground in early spring, plant will resprout vigorously with more fruit.	

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Forbs/Groundcovers									All trees to be planted away from bank, 8 to 10 feet	
Achillea millefolium/ Yarrow	8"- 20"		✓	✓	Forage			Small white to pink flowers grouped together in a flat-topped cluster. Leaves have a delicate, pinnately compound, form. These plants are fragrant. One of the most common, well-known, wildflowers in our region. Medicinal.	Spreads aggressively through rhizomes. Good for seasonally dry soils. Does well in moist to rather dry soils.	

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<i>Aquilegia formosa/</i> Western columbine	3'		~	✓	Forage		<ul><li>✓</li><li>✓</li></ul>	Nodding flowers that are pale to deep red- orange and yellow in the center. The leaves are twice divided into threes and add a delicate texture to the wildlife garden.	Prefers moist, well-drained soil. Has a taproot. Will die back in the winter and resprout in the spring.	
Aster subspicatus/ Douglas' aster	8"- 40"		~	~	Forage		<ul> <li>✓</li> <li>✓</li> </ul>	Blue to violet 1" flowers with yellow cen- ters. Flowers bloom from mid-summer to mid-fall. Leaves are oblong or lance-shaped with few teeth along the margins.	Prefers moist to wet soils. Spreads by rhizome.	
<i>Camassia leichtlinii/</i> Leichtlin's camas	3'-4'		~	✓	Forage		×	White, blue, or violet clusters of 2"- 3" flowers. Star-shaped flowers bloom from mid to late spring. Five to many flowers bloom on single stock, with 1- 3 flowers open at one time.	Good for seasonally wet soil. Prefers moist or wet soil in winter and fairly dry soil in summers. Good to plant in sunny spot near deciduous trees, where plants have the opportunity to leaf out and bloom before being shaded out.	
<i>Camassia quamash/</i> Common camas	4"- 30"		~	~	Forage		<b>↓</b>	Violet to dark blue flowers that bloom in early to late spring. There are five to many flowers per stalk. Edible.	Good for seasonally wet soils. Prefers moist to wet soil. Will tolerate dry summer soil. Best to propagate from local seed source or bulbs. Plants can be mown in summer when bulbs are dormant. If seeding, seeds need to be in contact with mineral soil.	
<i>Dicentra formosa/</i> Pacific bleeding heart	8"- 18"		~	~	Forage		¥	Lovely variegated leaves that are fern-like in appearance. The heart-shaped flowers are purplish-pink and bloom from early spring to mid-summer. White flower variety, 'alba', sometimes available from nurseries.	Prefers moist soil. Grows rapidly. Once established, can spread rapidly in ideal shady woodland conditions. Will tolerate dry soil after well established. Seeds need cold stratification to germinate in spring.	
Eriophyllum lanatum/ Oregon sunshine	6"- 12"		~	~	Forage		*	Yellow, 1" sunflower-like flowers. Single flowers on long stalks above woolly, fragrant, silver foliage. Flowers bloom from late spring to early summer.	Good for seasonally dry soil. Tolerates some summer water if soil is well-drained, but adapted to sandy or rocky locations. Seeds need cold stratification prior to germination.	

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<i>Fragaria vesca/</i> Wood strawberry	8"- 18"		~	~	Forage and Cover		<b>V</b>	Large, 3/4", white flowers with yellow centers. Basal leaves are divided into three leaflets. Three to eleven flowers bloom in an open cluster from mid spring to early summer. Strawberries are small and sweet.	Does well in both wet and dry soil. Spreads extensively. Can easily propagate by removing plantlets that form along the stolon in early spring or late summer. Creates attractive deciduous carpet.	
Fragaria virginiana/ Broadpetal strawberry	2"- 5"		~	✓	Forage		¥	Large, 3/4", white flowers with yellow centers. Basal leaves are blue-green and hairless. Two to fifteen flowers bloom from late spring to early summer. The strawberries are small and sweet.	Does well in both wet and dry soil. Prefers moist, well-drained soil. Makes a good groundcover for garden edges and paving stone borders.	
Hydrophyllum tenuipes/ Pacific waterleaf	1'- 3'		~	~	Forage		<b>√</b>	Greenish-white to lavender clusters of flowers that bloom from mid summer to early spring. Beautiful in spring but fades in summer.	Does well in moist soils. Needs soil high in organic matter. Spreads well. Plant with other species that will retain summer aesthetic appeal.	
<i>Iris tenax/</i> Oregon iris	10"- 20"		~	~	Forage		¥.	Small, beautiful native iris usually blue or purple, but may be pink, yellow, or white. Flowers bloom from mid-spring to early summer. Leaves are dense and tough and form a grass-like clump.	Prefers moist soil. Plant with other low- growing plants. Work well in perennial border, meadows, or other open areas. Bulb is actually a corm or rhizome.	
<i>Lupinus albicaulis/</i> Pine or Sickle-keeled lupine	2.5'- 5'		~	~	Forage and Cover	SP, SH	\$	Showy purple, yellow, or whitish spikes of pleasant scented flowers. Palmately, compound leaves that have 9 elliptic leaflets.	Rapid growth rate. Short-lived. Used to stabilize eroding, droughty, steep, low-fertility slopes. Deep tap roots. Good for seasonally dry soil.	
Lupinus polycarpus (micranthus)/ Field lupine	4"-24"		✓	✓	Forage		\$	Blue to purple and white flowers. Bloom occurs from early to late summer. Palmately compound leaves.	Good for seasonally dry soil.	

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Lupinus polyphyllus/ Large-leaved lupine	2'- 5'		✓	~	Forage and Cover		~	Perennial that produces several stems from a branched crown. Each stem has blue to purple pea-like flowers in dense upright clusters up to 16 inches long. Bloom occurs from early to late summer. Leaves are palmately compound and have 10 to 15 leaflets.	Moist to seasonally wet soil. Does well in herbaceous plantings along streamsides, wet meadows, fields, or open forests. Will reseed itself readily after establishment.	
Penstemon cardwellii/ 'Roseus' penstemon	12"- 24"		✓	~	Forage (esp. humming- birds)		¥	Rosy to mauve tubular flowers that bloom in late spring or early summer. Leaves are narrow and lance-shaped. Evergreen sub- shrub.	Tolerates dry soil. Low-maintenance native. Short-lived perennial. Spreads by rhizome. Prefers low to regular water.	
Potentilla glandulosa/ Sticky cinquefoil	12"- 24"		✓	~	Forage		¥	Small one-inch pale to deep yellow flowers. Bloom time is late spring to mid-summer. Leaves have sticky glandular hairs and can be up to 1 foot long. Plant is often reddish.	Good for seasonally dry soils. Prefers moist soil. Grows in meadows and open woods.	
Potentilla gracilis/ Slender cinquefoil, Graceful cinquefoil	2'		✓	~	Forage		Y	Bright yellow flowers that bloom in branched, flat-topped clusters. Bloom time is early to late summer.	Good for seasonally dry soils. Prefers moist soil. Grows in meadows and open woods. Good for perennial borders, wildlife meadows, and gardens.	
<i>Prunella vulgaris</i> var <i>lanceolata/</i> Heal-all	4"-16"		✓	$\checkmark$	Forage		Y	White, blue, or purple pea-like flowers that bloom in short spikes. Blooming occurs from late spring to early fall.	Good for seasonally dry soil. Does well in moist to dry soil. This species spreads aggressively and can be used as a lawn substitute. It is good for neglected areas, near impervious surfaces, or along garden edges. Seeds need to be cold stratified before spring germination.	

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Sidalcea campestris/ Meadow checkermallow	2'- 6'		$\checkmark$	~	Forage			Beautiful white to pale-pink flowers bloom on tall, hairy plant stems. Flowers bloom from late spring to mid summer. Leaf blades are palmate and are smaller as they travel up the stem.	Prefers moist to dry, well-drained soil.	
Smilacina racemosa/ Western false Solomon's seal	1'- 3'			✓	Forage		¥	Fragrant creamy colored panicle of flowers that bloom from mid spring to early summer. Tall, leafy stems with alternate, oval leaves. Foliage turns golden in fall and berries are red.	Prefers moist soil with good organic content. Appropriate species for streambanks, moist forests, woodlands, and meadows.	
Ferns Athyrium filix-femina/ Lady fern	2'- 4'		✓	~	Forage			Lovely light to medium green fronds that are two to three times pinnately com- pound. Deciduous fern.	Good for seasonally wet soils. Needs wet to moist soil. Fronds die back in cold weather. Often spreads after it is established.	
Dryoptera arguta/ Spreading wood fern	2'- 3'		✓	~	Forage		¥	Large, lacy woodland fern with evergreen fronds. Leaves are triangular in shape and are three times pinnately compound.	Plants do well in moist woodland gardens, but are good for seasonally dry soil.	
Polystichum munitum/ Sword fern	2'- 5'		~	$\checkmark$	Forage			Common Oregon fern. Lance-shaped evergreen fronds arise from the crown in clusters.	Tolerates moist soil. Good for seasonally dry soil. This plant tolerates full sun, but looks best when it has at least partial shade. Will reproduce from spores.	

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<i>Pteridian aquilinium/</i> Bracken fern	1'-6'		✓	✓	Forage			Large deciduous fern with triangular fronds. The leaf blades are two to three times pinnate. Adds a lacy texture to garden or landscape.	Tolerates moist to wet soil. Good for seasonally dry soil. Can be aggressive and form dense colonies.	
Grasses, Sedges, and Rus	1	T				I	T			
<i>Carex tumulicola/</i> Foothill sedge	18"		✓	✓	Forage and Cover		\$	Lush, meadow-like sedge. Retains meadow- like appearance year round. Grass-like in appearance. Semi-evergreen.	Prefers moist soils, but will tolerate seasonally dry soil. Will tolerate root competition. Good erosion control plant. Spreads by rhizome and seed.	
Danthonia californica/ Oatgrass	1.5'- 5'		~	~	Forage (esp. Birds)		\$	Perennial bunchgrass with leaves that have flat blades and are hairy at the collar.	Tolerates moist to dry soil. Will withstand quite a bit of foot traffic and other disturbances. If mown regularly, provides decent weed competition.	
<i>Elymus glaucus/</i> Blue wildrye	2'- 4'		✓	✓	Forage and Cover		*	Perennial bunch grass that grows in small, narrow tufts.	Tolerates moist to dry soil.	
Elymus trachycaulus/ Slender wheatgrass	2'- 2.5'		✓	✓	Forage and Cover		\$	Slender, erect, tufted, bunchgrass.	Tolerates most to dry soil. Short lived, but a vigorous seeder. Dense root system. Commonly used for rehabilitation of disturbed sites.	
<i>Juncus tenuis/</i> Slender rush	6"- 20"		✓	✓	Forage and Cover		\$	A perennial rush that is densely tufted and has erect to ascending stems. Summer flowers are green and inconspicuous.	Wetland plant. Good for moist to perennially wet soil, but will tolerate moderately dry soil. Spreads by rhizome and through self-seeding. Not aggressive.	