



# **PLANT IDENTIFICATION**



Pat Breen, Oregon State University

# Typical section natural drainage system plants

## PERENNIALS

Gaura  
 Cranesbill  
 Sunrose  
 Daylily  
 Coral Bells  
 Purple Palace  
 Coral Bells  
 Douglas' Iris  
 Gladwin Iris  
 Lavender  
 Lupine  
 Crocus

## DECIDUOUS TREES

Norwegian Sunset Maple  
 Pacific Sunset Maple  
 Autumn Brilliance Serviceberry  
 Katsura Tree  
 Eddie's White Wonder Dogwood  
 Cornelian Cherry  
 Purple-Leaved Hazelnut  
 Flame Ash  
 Ballerina Magnolia  
 Galaxy Magnolia  
 Korean Mountain Ash

## EVERGREEN TREES\*

\*Very few planted  
 Hinoki Cypress  
 Austrian Pine  
 Japanese Black Pine

## DECIDUOUS SCREENING SHRUBS

Vine Maple	Belle Etoile Mock Orange
Redtwig Dogwood	Red-Flowering Currant
Yellowtwig Dogwood	Peafruit Rose
Isanti Redtwig Dogwood	Pavement Rugosa Rose
Diane Witchhazel	Salmonberry
Oakleaf Hydrangea	Blueberry

## BROADLEAF EVERGREEN GROUND COVERS

Kinnikinnik  
 Rose Queen Epimedium  
 Kewensis Wintercreeper  
 Salal  
 Creeping Mahonia  
 Sword Fern

## BROADLEAF EVERGREEN SHRUBS

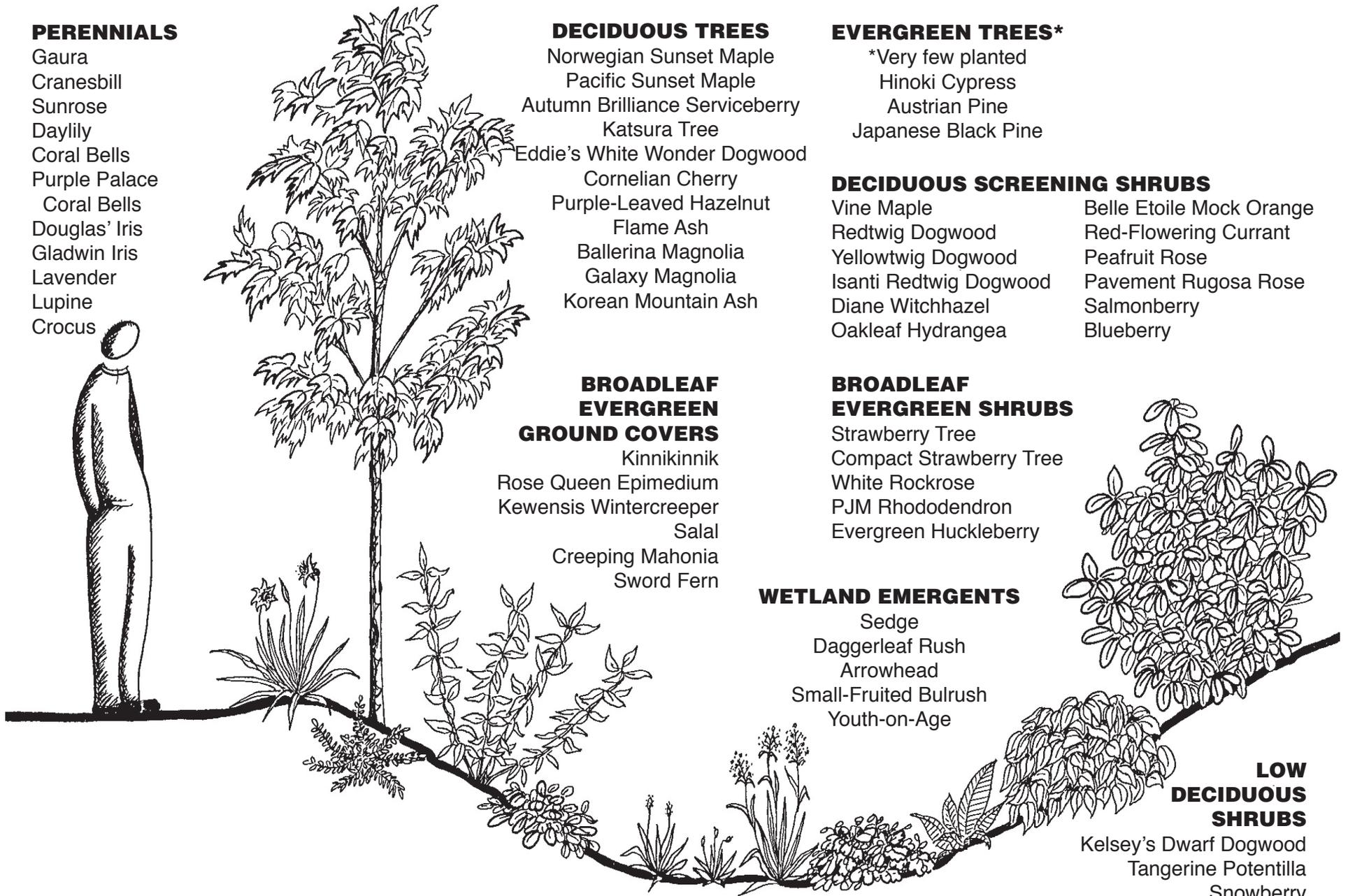
Strawberry Tree  
 Compact Strawberry Tree  
 White Rockrose  
 PJM Rhododendron  
 Evergreen Huckleberry

## WETLAND EMERGENTS

Sedge  
 Daggerleaf Rush  
 Arrowhead  
 Small-Fruited Bulrush  
 Youth-on-Age

## LOW DECIDUOUS SHRUBS

Kelsey's Dwarf Dogwood  
 Tangerine Potentilla  
 Snowberry





**Norwegian Sunset Maple** Deciduous Tree  
(*Acer truncatum* x *Acer platanoides* 'Keithsform')  
Mature Size: 30'-35' height by 20'-25' spread  
Shape: Upright oval to pyramidal  
Environment: Adaptable to range of soils & conditions  
Interest: Yellow-orange-red fall color  
Special Needs: None



**Autumn Brilliance Serviceberry** Deciduous Tree  
(*Amelanchier* x *grandiflora* 'Autumn Brilliance')  
Mature Size: 20' height by 15' spread  
Shape: Upright, moderately spreading; May sucker  
Environment: Sun; Good soil: Moderate water  
Interest: White Spring flowers; Red fall color  
Special Needs: Water in hot, dry weather; Prune suckers



**Pacific Sunset Maple** Deciduous Tree  
(*Acer truncatum* x *Acer platanoides* 'Warrenred')  
Mature Size: 25'- 30' height by 20'-25' spread  
Shape: Upright spreading to round  
Environment: Adaptable to range of soils & conditions  
Interest: Yellow-orange to bright red fall color  
Special Needs: None



**Katsura Tree** Deciduous Tree  
(*Cercidiphyllum japonicum*)  
Mature Size: 35' 40' height by 35'-40' spread  
Shape: Upright, pyramidal to rounded  
Environment: Protect from hot sun and dry wind  
Interest: Heart-shaped foliage; Yellow-orange fall color  
Special Needs: Water in hot, dry weather



**Eddie's White Wonder Dogwood** Deciduous Tree  
(*Cornus florida* x *C. nuttallii* 'Eddie's White Wonder')  
Mature Size: 25' height by 20' spread  
Shape: Upright, pyramidal  
Environment: Needs shade; Deep, infrequent water  
Interest: White May flowers  
Special Needs: Water in hot, dry weather



**Cornelian Cherry** Deciduous Tree  
(*Cornus mas*)  
Mature Size: 15'-20' height by 15'-20' spread  
Shape: Multi-trunk or single-trunk forms; Round to vase-shaped  
Environment: Part sun to shade; Deep, infrequent water  
Interest: Very early yellow flowers before leaves; Edible red fruit; Yellow-red fall color  
Special Needs: Water in hot, dry weather



**Purple-Leaved Hazelnut** Deciduous Tree  
(*Corylus maxima* 'Purpurea')  
Mature Size: 15'-20' height by 10'-15' spread  
Shape: Upright spreading to round; May sucker  
Environment: Sun; Well-drained soils  
Interest: Dark purple leaves; Edible fall nuts  
Special Needs: Prune suckers



**Flame Ash** Deciduous Tree  
(*Fraxinus oxycarpa* 'Flame')  
Mature Size: 35'-40' height by 35'-40' spread  
Shape: Upright, rounded  
Environment: Adaptable to range of soils & conditions  
Interest: Red-purple fall color  
Special Needs: None



**Ballerina Magnolia**

(Magnolia x loebneri 'Ballerina')

Mature Size: 20' height by 20' spread

Shape: Rounded, low branched

Environment: Full sun; Moist, well-drained organic soil

Interest: Light pink-white early spring flowers

Deciduous Tree



**Korean Mountain Ash**

(Sorbus alnifolia)

Mature Size: 40' height by 30' spread

Shape: Oval to rounded; Simple undivided leaves

Environment: Adaptable to conditions; Resists borers

Interest: White spring flowers; Edible red-orange fruit;

Yellow-orange fall color

Special Needs: None

Deciduous Tree



**Galaxy Magnolia**

(Magnolia liliiflora x M. sprengeri 'Diva')

Mature Size: 30' height by 15' spread

Shape: Pyramidal to oval

Environment: Full sun; Moist, well-drained organic soil

Interest: Reddish purple late spring flowers

Special Needs: Water in hot, dry weather; Mulch well

Deciduous Tree



**Hinoki Cypress**

(Chamaecyparis obtusa)

Mature Size: 20'-40' height by 15'-30' spread

Shape: Spreading, irregular, open; Very slow-growing

Environment: Sun; Well-drained soils

Interest: Evergreen foliage; Sculptural form

Special Needs: Susceptible to root rot in heavy, wet soil

Evergreen Tree



**Austrian Pine**

(*Pinus nigra*)

Evergreen Tree

Mature Size: 40'-50' height by 20'-25' spread  
Shape: Dense pyramidal; Moderate to slow growing  
Environment: Adaptable to conditions  
Interest: Evergreen needle foliage; Strong form  
Special Needs: None

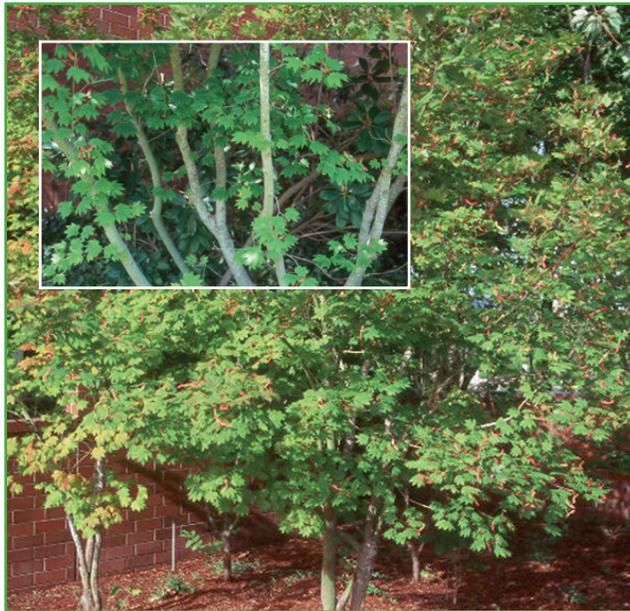


**Japanese Black Pine**

(*Pinus thunbergiana*)

Evergreen Tree

Mature Size: 50'-100' height by 30'-60' spread  
Shape: Broad cone to irregular & spreading; Fast growing  
Environment: Adaptable to conditions  
Interest: Evergreen needle foliage; Irregular form  
Special Needs: Option - May be pruned to sculptural form



**Vine Maple**

(*Acer circinatum*)

Deciduous Screening Shrub

Mature Size: 15' height by 10'-15' spread  
Shape: Multi-stemmed; Understory tree or shrub  
Environment: Shade; Moist soil; Pacific NW native  
Interest: Branching pattern; Orange-red fall color  
Special Needs: Water in hot, dry weather



**Redtwig Dogwood**

(*Cornus stolonifera*)

Deciduous Screening Shrub

Mature Size: 6'-15' height by 8'-15' spread  
Shape: Large spreading, twiggy; Pacific NW native  
Environment: Adaptable; Prefers moist conditions  
Interest: White flowers; Red branches; Red fall color  
Special Needs: Option - Prune old branches to ground to control size & encourage brighter red new growth



**Yellowtwig Dogwood** Deciduous Screening Shrub  
(*Cornus stolonifera* 'Flaviramea')  
Mature Size: 6'-15' height by 8'-15' spread  
Shape: Large spreading, twiggy  
Environment: Adaptable; Prefers moist conditions  
Interest: White flowers; Yellow branches; Red fall color  
Special Needs: Option - Prune old branches to ground to control size & encourage brighter yellow new growth



**Isanti Redtwig Dogwood** Decid. Screening Shrub  
(*Cornus stolonifera* 'Isanti')  
Mature Size: 3'-4" height by 4'-6' spread  
Shape: Compact spreading, twiggy; Low screen  
Environment: Adaptable; Prefers moist conditions  
Interest: White flowers; Red branches; Red fall color  
Special Needs: Option - Prune old branches to ground to encourage brighter red new growth



**Diane Witchhazel** Deciduous Screening Shrub  
(*Hamamelis x intermedia* 'Diane')  
Mature Size: 10' height by 10' spread  
Shape: Upright, spreading; Understory tree or shrub  
Environment: Sun to light shade; Prefers moist soil  
Interest: Red late winter flowers; Orange-red fall color  
Special Needs: Water in hot, dry weather



**Oakleaf Hydrangea** Deciduous Screening Shrub  
(*Hydrangea quercifolia*)  
Mature Size: 6' height by 6' spread  
Shape: Broad, rounded shrub  
Environment: Prefers moist, rich, well-draining soil  
Interest: Oak-shaped foliage; White flower clusters  
Special Needs: Water in hot, dry weather; Option - Prune to ground in February to keep at 3' height



**Mock Orange**

Decid. Screening Shrub  
(*Philadelphus lewisii* & ornamental varieties)  
Mature Size: 6' height by 6' spread  
Shape: Rounded, arching branches; *P. lewisii*, Pacific NW native  
Environment: Adaptable to range of conditions  
Interest: Fragrant white spring flowers  
Special Needs: Option - Prune out old wood after bloom



**Red-Flowering Currant**

Decid. Screening Shrub  
(*Ribes sanguineum*)  
Mature Size: 4'-8' height by 4'-6' spread  
Shape: Upright branching; Pacific NW native  
Environment: Adaptable to range of conditions  
Interest: Pink-red spring flowers; Edible blue-black berries  
Special Needs: May need water in hot, dry weather



**Peafruit Rose**

Deciduous Screening Shrub  
(*Rosa pisocarpa*)  
Mature Size: 5'-6' height by 4'-5' spread  
Shape: Upright spreading; Pacific NW native  
Environment: Prefers moist conditions  
Interest: Pink spring flowers; Red rose hips  
Special Needs: May need water in hot, dry weather



**Pavement Rugosa Rose**

Decid. Screening Shrub  
(*Rosa rugosa* 'Pavement cultivars?')  
Mature Size: 3'-4' height by 4'-6' spread  
Shape: Round, spreading  
Environment: Adaptable to range of soils & conditions  
Interest: Fragrant spring flowers; Large edible red rose hips; Crinkly textured leaves  
Special Needs: None



**Salmonberry**

(*Rubus spectabilis*)

Mature Size: 5'-8' height by 5'-8' spread

Shape: Upright, spreading; Pacific NW native

Environment: Prefers shade & moist conditions

Interest: Purple-red spring flowers; Edible pinkish fruit

Special Needs: Water in hot, dry weather

Deciduous Screening Shrub



**Strawberry Tree**

(*Arbutus unedo*)

Mature Size: 8'- 15' height by 8"-15' spread

Shape: Round, irregular branching; Slow growing screen

Environment: Adaptable to range of soils & conditions

Interest: White spring flowers; Edible red fruit; Shredding bark; Glossy evergreen leaves

Special Needs: Option – Prune to train as small tree;

Stake if top-heavy; Prune suckers

Broadleaf Evergreen Shrub



**Blueberry**

(*Vaccinium corymbosum* fruiting varieties)

Mature Size: 5'-6' height by 4'-5' spread

Shape: Upright to spreading; Twiggy

Environment: Sun to light shade; Cool, moist soil

Interest: Edible blueberries; Yellow-red fall color

Special Needs: Water for larger berries; Mulch well

Deciduous Screening Shrub



**Compact Strawberry Tree**

(*Arbutus unedo* 'Compacta')

Mature Size: 5'- 8' height by 5'-8' spread

Shape: Upright to round; Slow growing; Screening shrub

Environment: Adaptable to range of soils & conditions

Interest: White spring flowers; Edible red fruit; Shredding bark; Glossy evergreen leaves

Special Needs: None

Brdlf. Evergr. Shrub



**White Rockrose**

Broadleaf Evergreen Shrub

(*Cistus hybridus*)

Mature Size: 3'-4' height by 4'-5' spread

Shape: Spreading to round; Low screening shrub

Environment: Adaptable; Prefers sun & well-drained soil

Interest: White spring flowers; Crinkly gray-green, fragrant evergreen leaves

Special Needs: None; Option – prune out old stems



**Evergreen Huckleberry**

Broadlf. Evergreen Shrub

(*Vaccinium ovatum*)

Mature Size: 5'- 8' height by 5'-6' spread

Shape: Upright spreading; Screening shrub

Environment: Prefers partial shade; Pacific NW native

Interest: White spring flowers; Edible blue-black berries; Glossy evergreen leaves

Special Needs: Water in hot, dry weather; Mulch well



**PJM Rhododendron**

Broadleaf Evergreen Shrub

(*Rhododendron 'PJM'*)

Mature Size: 4' -5' height by 4'-5' spread

Shape: Upright spreading to round; Screening shrub

Environment: Adaptable to range of soils & conditions

Interest: Lavender-pink early spring flowers; Evergreen leaves turn mahogany in winter

Special Needs: Water in hot, dry weather; Mulch well



**Kelsey's Dwarf Dogwood**

Low Deciduous Shrub

(*Cornus stolonifera 'Kelseyi'*)

Mature Size: 2' height by 3' spread

Shape: Spreading, mounded

Environment: Adaptable; Prefers moist conditions

Interest: Bright red twigs; Neat dwarf form

Special Needs: May need water in hot, dry weather



**Tangerine Potentilla**

Low Deciduous Shrub

(*Potentilla fruticosa* 'Tangerine')

Mature Size: 2'-3' height by 3' spread

Shape: Spreading, arching; Twiggy mound

Environment: Prefers full sun & well-drained soil

Interest: Yellow-orange summer flowers

Special Needs: None



**Kinnikinnik**

Broadleaf Evergreen Ground Cover

(*Arctostaphylos uva-ursi*)

Mature Size: 6"-12" height by 4' – 6'+ spread

Shape: Prostrate, spreading; Pacific NW native

Environment: Adaptable; Prefers sun & well-drained soils

Interest: White to pink spring flowers; Edible red berries;

Bright, glossy evergreen leaves

Special Needs: Water in hot, dry weather; Mulch well



**Snowberry**

Low Deciduous Shrub

(*Symphoricarpos albus*)

Mature Size: 3' height by 3'-4' spread

Shape: Upright, spreading; Pacific NW native

Environment: Adaptable to range of soils & conditions

Interest: Pink spring flowers; White winter berries

Special Needs: None



**Rose Queen Epimedium**

Brdlf. Evergr. Grd. Cover

(*Epimedium grandiflorum* 'Rose Queen')

Mature Size: 1' height by 3' – 4'+ spread

Shape: Upright spreading, mounding

Environment: Prefers shade & moist conditions

Interest: Crimson with white spring flowers; Heart-shaped

evergreen leaves; New growth bronze-pink

Special Needs: Water in hot, dry weather; Mulch well



**Kewensis Wintercreeper** Brdlf. Evergr. Grd. Cover  
(*Euonymus fortunei* 'Kewensis')  
Mature Size: 3' height maximum by 4' – 6'+ spread  
Shape: Dense spreading, climbing or mounding  
Environment: Adaptable to range of soils & conditions  
Interest: Fine-textured, dark evergreen leaves  
Special Needs: Mulch well



**Salal** Broadleaf Evergreen Ground Cover  
(*Gaultheria shallon*)  
Mature Size: 2'-4' height by 4'+ spread  
Shape: Upright, spreading; Pacific NW native  
Environment: Adaptable; Prefers summer shade, moisture  
Interest: White spring flowers; Edible blue-black berries  
Special Needs: Water in hot, dry weather to establish



**Creeping Mahonia** Broadlf. Evergr. Ground Cover  
(*Mahonia repens*)  
Mature Size: 2'-3' height by 3'-4'+ spread  
Shape: Upright, open, spreading  
Environment: Adaptable to range of soils & conditions;  
Pacific NW native  
Interest: Yellow spring flowers; Edible blue berries; Dull blue green evergreen leaves turn bronze in winter  
Special Needs: Mulch well



**Sword Fern** Broadleaf Evergreen Ground Cover  
(*Polystichum munitum*)  
Mature Size: 2'- 3' height by 2'-3' spread  
Shape: Upright arching, spreading fronds; Pacific NW native  
Environment: Adaptable; Prefers shade, moist conditions  
Interest: Evergreen fern fronds  
Special Needs: Water in hot, dry weather; Mulch well

Peggy Gaynor



**Gaura**

(*Gaura lindheimeri* & varieties)

Mature Size: 2'-4' height by 2'-4' spread

Shape: Open, upright, fine-textured

Environment: Full sun; Drought-tolerant

Interest: White-pink summer flowers

Special Needs: Option - Cut spent flower stalks

Perennial

Peggy Gaynor



**Cranesbill**

(*Geranium pratense* & other *Geranium* species)

Mature Size: 3' height by 3' spread

Shape: Spreading mound

Environment: Sun to light shade; Moist soil

Interest: Blue-purple summer flowers; Shiny lobed leaves

Special Needs: Water throughout summer

Perennial

Peggy Gaynor



**Sunrose**

Perennial Evergreen Shrublet

(*Helianthemum nummularium* & varieties)

Mature Size: 6"-12" height by 3' spread

Shape: Low arching, spreading mound

Environment: Full sun; Well-drained soil

Interest: Bright colored summer flowers; Fuzzy gray-green evergreen leaves

Special Needs: Lightly cover with evergreen branches in winter; Option – Cut back after flowering for fall bloom



**Daylily**

(*Hemerocallis* hybrids)

Mature Size: 2'-4' height by 2'-4' spread

Shape: Arching clump of sword-shaped leaves

Environment: Adaptable to range of soils & conditions

Interest: Colorful lily-like summer flowers on tall stems; Sword-shaped deciduous to evergreen leaves

Special Needs: Cut spent flower stalks

Perennial

Peggy Gaynor

Peggy Gaynor



**Coral Bells**

(*Heuchera sanguinea* & green-leaved varieties)

Mature Size: 1'-2' height by 1'-2' spread

Shape: Compact mound

Environment: Sun to light shade; Moist soil

Interest: Red to pink spring-summer flowers on tall stems;

Neat scalloped, green leaves

Special Needs: Water throughout summer

Perennial

Peggy Gaynor



**Purple-Leaved Coral Bells**

(*Heuchera* 'Plum Pudding' & other purple-leaved varieties)

Mature Size: 1'-2' height by 1'-2' spread

Shape: Compact mound

Environment: Sun to light shade; Moist soil

Interest: Maple-shaped rich bronze to red-purple leaves all

year; Tiny pink flowers on tall stems

Special Needs: Water throughout summer

Perennial

Peggy Gaynor



**Douglas' Iris**

(*Iris douglasiana*)

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright, spreading clump; Pacific NW native

Environment: Adaptable; Sun to light shade

Interest: White to lavender spring flowers; Long shiny

evergreen leaves

Special Needs: Water in hot, dry weather

Perennial Evergreen

Peggy Gaynor



**Gladwin Iris**

(*Iris foetidissima*)

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright, spreading clump

Environment: Adaptable to range of soils & conditions

Interest: Large red seed capsules; Long evergreen leaves;

Spring flowers subtle

Special Needs: None

Perennial Evergreen

Peggy Gaynor



**Lavender** Perennial Evergreen Herb  
(*Lavendula angustifolia*)  
Mature Size: 2'-3' height by 2'-3' spread  
Shape: Round clump or mound; Fine-textured  
Environment: Full sun; Well-drained soil  
Interest: Lavendar summer flowers; Fragrant gray-green evergreen foliage  
Special Needs: Option – Prune after bloom for neat, compact form



**Lupine** Perennial  
(*Lupinus* species)  
Mature Size: 2'-4' height by 2'-4' spread  
Shape: Loose mound  
Environment: Adaptable; Nitrogen-fixing legume  
Interest: Blue-purple late spring flowers  
Special Needs: Susceptible to mildew & aphids; Re-seeds

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**Sedge** Wetland Emergent  
(*Carex* species)  
Mature Size: 1'-2' height by 1'-2' spread  
Shape: Upright grass-like leaves; some species are Pacific NW natives  
Environment: Moist soil to wet conditions  
Interest: Flower & seedheads; Some species evergreen  
Special Needs: Water throughout summer



**Daggerleaf Rush** Wetland Emergent  
(*Juncus ensifolius*)  
Mature Size: 6"- 18" height by 1' spread  
Shape: Upright iris-like leaves; Pacific NW native  
Environment: Moist soil to wet conditions  
Interest: Flat, dagger-shaped leaves  
Special Needs: Water throughout summer

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**Arrowhead**

(*Sagittaria latifolia*)

Mature Size: 1'-2' height by 1'-2' spread  
Shape: Upright arrowhead leaves; Pacific NW native  
Environment: Moist soil to 18" deep water  
Interest: White flowers; Arrowhead-shaped leaves  
Special Needs: Water throughout summer

Wetland Emergent



**Small-Fruited Bulrush**

(*Scirpus microcarpus*)

Mature Size: 1.5'-4' height by 2'-4' spread  
Shape: Upright flat grasslike blades; Pacific NW native  
Environment: Moist soil to 18" deep water  
Interest: Flower & seed heads; Large, flat leaf blades  
Special Needs: Water throughout summer

Wetland Emergent

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**Youth-on-Age**

(*Tolmiea menziesii*)

Mature Size: 6"-12" height by 1'-2' spread  
Shape: Spreading mound; Pacific NW native  
Environment: Shade; Moist soil  
Interest: Wide lobed leaves with plantlets on stems  
Special Needs: Water throughout summer

Wetland Perennial



**Crocus**

(*Crocus* species & varieties)

Mature Size: 3"-6" height by 3"-6" spread  
Shape: Grass-like leaves at base; Upright flower stalk  
Environment: Sun to light shade; Well-drained soils  
Interest: Early spring flowers of many colors  
Special Needs: None; Dies back in summer

Perennial Bulb

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