

## Seattle Green Factor Plant List

### Notes:

- All plants on this list are drought-tolerant once they are established unless comments indicate otherwise.
- Seattle Department of Transportations Right-of Way Improvement Manual establishes height limits for non-street-tree plantings in rights-of-way. Maximum plant height within 30 feet of an intersection (as measured from the corner of the curb) is 24 inches. Elsewhere in the right-of-way, plantings are allowed to be 30 inches tall.
- "Bioretention Zone" describes where plants can appropriately be used in bioretention systems such as swales and rain gardens. Zone 1 is the designation for plants that can be used in the flat bottoms of bioretention facilities: 1A refers to species that prefer soil saturation or shallow inundation for long durations, while Zone 1B refers to plants that can alternate between dry and short-term saturated conditions. Zone 2 is the designation for plants best used at the well-drained slopes of bioretention facilities. All other species are appropriate for planting at the tops of bioretention areas.

GROUNDCOVERS									
Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Arctostaphylos uva-ursi</i>	kinnikinnick	•		•	•	•			
<i>Asarum caudatum</i>	wild ginger	•	•		•				
<i>Calluna</i> , in variety	heather	•		•		•			
<i>Ceratostigma plumbaginoides</i>	hardy plumbago	•	•	•		•			
<i>Daboecia cantabrica</i>	Irish heath	•		•		•			
<i>Erica</i> , in variety	heath	•		•		•			
<i>Erigeron karvinskianus</i>	Latin American fleabane	•	•	•		•			
<i>Euonymus fortunei</i> 'Colorata'	wintercreeper euonymous	•	•	•		•			
<i>Festuca glauca</i>	blue fescue	•		•		•			
<i>Fragaria chiloensis</i>	beach strawberry	•	•	•	•	•			Aggressive
<i>Fragaria</i> x 'Lipstick'	pink-flowered barren strawberry	•	•	•		•			Aggressive
<i>Genista lydia</i>	hardy dwarf broom	•		•		•			
<i>Genista pilosa</i>	silkyleaf broom	•		•		•			
<i>Juniperus conferta</i>	shore juniper	•		•		•			
<i>Microbiota decussata</i>	Russian arborvitae	•		•		•		2	
<i>Pachysandra terminalis</i>	Japanese spurge	•	•			•			
<i>Pachysandra procumbens</i>	Allegheny pachysandra	•	•			•			
<i>Paxistima canbyi</i>	Canby paxistima	•	•	•		•			
<i>Rubus pentalobus</i>	creeping bramble	•	•	•		•			
<i>Vinca minor</i>	periwinkle	•	•			•			

PERENNIALS / FERNS / GRASSES									
Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Achillea millefolium</i>	yarrow	•		•		•			
<i>Allium</i> , in variety	ornamental allium			•		•			
<i>Aruncus sylvestre</i> 'Misty Lace'	dwarf goatsbeard		•	•	•			1B	
<i>Aster</i> , in variety	aster			•		•	•		
<i>Athyrium filix-femina</i>	lady fern		•		•		•		

<i>Bergenia</i> , in variety	bergenia	•		•		•			
<i>Blechnum spicant</i>	deer fern	•	•		•	•			
<i>Calluna vulgaris</i>	heather	•		•		•			
<i>Carex amplifolia</i>	ample-leaved sedge		•		•		•	1A, 1B	Not drought-tolerant
<i>Carex dolichostachya</i>	gold fountain sedge	•		•			•	1A	Not drought-tolerant
<i>Carex morrowii</i>	Morrow's sedge	•		•		•			
<i>Carex obnupta</i>	slough sedge	•	•		•		•	1A, 1B	Not drought-tolerant
<i>Carex pachystachya</i>	thick-headed sedge	•		•	•	•		1B	
<i>Carex stipata</i>	beaked sedge		•	•	•		•	1A	Not drought-tolerant
<i>Carex testacea</i>	orange sedge	•		•		•		1A, 1B, 2	
<i>Cineraria maritima</i>	dusty miller	•		•		•			
<i>Deschampsia cespitosa</i>	tufted hairgrass		•	•	•		•	1A, 1B	Not drought-tolerant
<i>Dierama pulcherrimum</i>	angel's fishing rods	•		•			•		
<i>Epimedium</i> , in variety	bishop's hat	•	•	•		•			
<i>Gaillardia</i> , in variety	blanket flower			•		•			
<i>Geranium macrorrhizum</i>	bigroot cranesbill	•		•		•		2	
<i>Geranium x cantabrigiense</i> 'Biokovo'	Biokovo geranium	•	•	•		•			
<i>Hemerocallis</i> , in variety	daylily			•			•	2	
<i>Heuchera</i> , in variety	heuchera, coral bells	•		•		•		2	
<i>Iberis sempervirens</i>	evergreen candytuft	•		•		•			
<i>Iris</i> "Pacific Coast Hybrids"	Pacific Coast iris	•	•	•	•	•			
<i>Juncus balticus</i>	Baltic rush	•		•	•			1A, 1B	Not drought-tolerant
<i>Juncus effusus</i>	soft rush	•	•	•	•			1A, 1B, 2	Aggressive, not drought-tolerant
<i>Juncus ensifolius</i>	daggerleaf rush		•	•	•			1A	Not drought-tolerant
<i>Juncus patens</i> 'Elk blue'	California gray rush	•	•	•			•	1A, 1B	Not drought-tolerant
<i>Lavandula angustifolia</i>	lavender	semi		•			•		
<i>Liatris spicata</i>	gay feather			•					
<i>Liriope</i> , in variety	lilyturf	•	•			•			
<i>Lupinus</i> , in variety	lupine			•	•	•			
<i>Monarda didyma</i> 'Petite Wonder'	bee balm	•		•		•			
<i>Muscari botryoides</i>	grape hyacinth		•	•		•			
<i>Narcissus</i> , in variety	daffodil			•		•			
<i>Nepeta</i> , in variety	catmint		•	•			•	2	
<i>Origanum</i> , in variety	marjoram, ornamental oregano	•		•		•			
<i>Penstemon</i> , in variety	penstemon			•		•			
<i>Petasites frigidus</i>	coltsfoot		•		•	•		1A, 1B	Not drought-tolerant
<i>Phlox subulata</i>	phlox			•		•			
<i>Polystichum munitum</i>	western swordfern	•	•		•		•	2	
<i>Rudbeckia</i> , in variety	coneflower			•		•			
<i>Sagittaria latifolia</i>	arrowhead		•		•				
<i>Salvia</i> , in variety	sage	•		•		•			
<i>Scirpus acutus</i>	hardstem bullrush			•	•			1A	Not drought-tolerant

<i>Scirpus atrocinctus</i>	wool-grass	•		•	•		•	1A, 1B	Not drought-tolerant
<i>Scirpus microcarpus</i>	small-fruited bulrush		•	•	•			1A	Not drought-tolerant
<i>Thymus</i> , in variety	thyme	•	•	•					
<i>Tolmiea menziesii</i>	youth-on-age	•	•		•				
<i>Tulipa</i> , in variety	tulip			•		•			
<i>Yucca filamentosa</i>	yucca	•		•			•		

**LOW SHRUBS (pruning may be required to maintain 24" or 30" maximum height in ROW)**

Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Abelia x grandiflora</i> 'Rose Creek'	abelia	•	•	•			•	2	
<i>Arctostaphylos densiflora</i>	Vine Hill manzanita	•		•			•	2	
<i>Arctostaphylos pumila</i>	manzanita	•		•			•		
<i>Berberis buxifolia</i> 'Pygmaea' or 'Nana'	dwarf boxleaf barberry	•		•			•		
<i>Berberis candidula</i>	paleleaf barberry		•	•			•		
<i>Berberis darwinii</i> 'Compacta'	dwarf Darwin barberry	•		•			•		
<i>Berberis stenophylla</i> 'Corallina Compacta'	dwarf coral hedge barberry	•		•			•		
<i>Berberis thunbergii</i>	Japanese barberry	•		•			•		
<i>Berberis verruculosa</i>	warty barberry	•	•				•	2	
<i>Buxus microphylla</i> 'Compacta'	little-leaf boxwood		•	•			•		
<i>Buxus sempervirens</i> 'Suffruticosa'	common edging boxwood		•	•			•	2	
<i>Caryopteris</i> , in variety	caryopteris			•			•		
<i>Cassinia leptophylla</i>	cassinia	•		•			•	2	
<i>Ceanothus gloriosus</i>	Point Reyes ceanothus	•		•		•		2	
<i>Chamaecyparis obtusa</i> 'Nana'	dwarf hinoki cypress	•	•	•			•		
<i>Cistus</i> , in variety	rockrose	•		•			•	2	
<i>Cornus sericea</i> 'Kelseyii'	Kelsey redstem dogwood		•	•			•	1B, 2	
<i>Cotoneaster dammeri</i>	bearberry cotoneaster	•		•		•			
<i>Daboecia cantabrica</i>	Irish heath	•		•		•			
<i>Escallonia</i> 'Compacta'	compact escallonia	•	•	•			•	2	
<i>Euonymus japonicus</i> 'Microphyllus'	evergreen euonymous	•	•	•			•	2	
<i>Euryops</i> , in variety	euryops	•		•		•	•	2	
<i>Gaultheria shallon</i>	salal	•	•		•		•	2	
<i>Halimocistus x sahuicii</i>	halimocistus	•		•		•			
<i>Halimocistus x wintonensis</i>	halimocistus	•		•		•		2	
<i>Hebe</i> , in variety	hebe	•		•		•	•	2	
<i>Hydrangea quercifolia</i> 'Pee Wee'	dwarf oak-leaf hydrangea		•	•			•	1B, 2	
<i>Ilex crenata</i> 'Compacta'	Japanese holly	•	•	•			•	2	
<i>Ilex crenata</i> 'Helleri'	Heller Japanese holly	•	•	•			•		
<i>Lavandula</i> , in variety	lavender	•		•			•	2	
<i>Mahonia nervosa</i>	low Oregon holly-grape	•	•		•		•	2	
<i>Mahonia repens</i>	creeping Oregon holly-grape	•	•	•	•		•		
<i>Nandina domestica</i> 'Compacta' or 'Harbor Dwarf' or 'Gulf Stream'	dwarf heavenly-bamboo	•	•	•			•	2	

<i>Olea europaea</i> 'Little Ollie' ['Montra']	dwarf olive	•		•			•	2	
<i>Phlomis purpurea</i>	phlomis	•		•			•	2	
<i>Phormium tenax</i> 'Tiny Tim' or 'Jack Sprat'	compact New Zealand flax	•		•			•		
<i>Pieris japonica</i> 'Cavatine'	'Cavatine' andromeda	•		•			•		
<i>Pittosporum tobira</i> 'Wheeler's Dwarf' and 'Shima'	dwarf Japanese mock-orange	•	•	•			•	2	
<i>Potentilla fruticosa</i>	shrubby cinquefoil			•			•	2	
<i>Prunus laurocerasus</i> 'Mount Vernon'	Mount Vernon cherry laurel	•	•				•		
<i>Rhododendron</i> 'PJM Princess Susan' (compact/dwarf form)	compact PJM rhododendron	•		•			•	2	
<i>Rhododendron</i> , in variety	rhododendron and azalea	•	•	•			•	2	
<i>Rhus aromatica</i> 'Gro-Low'	dwarf lemonade sumac		•	•			•	2	
<i>Rosa nutkana</i>	Nootka Rose			•	•			1B, 2	
<i>Rosa rugosa</i>	Rugosa Rose			•				1B, 2	
<i>Rosmarinus officinalis</i> 'Collingwood Ingram'	dwarf rosemary	•		•			•	2	
<i>Rosmarinus officinalis</i> "Majorca Pink"	Rosemary	•		•				2	
<i>Ruscus aculeatus</i> and <i>R. hypoglossum</i>	butchers broom	•	•				•		
<i>Senecio greyii</i>	senecio	•		•			•	2	
<i>Sarcococca hookeriana</i> var. <i>humilis</i>	sweet box	•	•			•			
<i>Spiraea betulifolia</i>	shiny-leaf spirea		•	•	•		•	2	
<i>Spiraea douglasii</i>	Steeplebush		•	•	•		•	1A,1B, 2	
<i>Spiraea japonica</i> 'Little Princess'	dwarf Japanese spirea			•			•	2	
<i>Spiraea x bumalda</i> 'Magic carpet'	bumalda spirea		•	•			•	1B	
<i>Symphoricarpos albus</i>	snowberry		•	•	•		•	1A, 1B, 2	
<i>Teucrium chamaedrys</i>	wall germander	•		•		•			
<i>Viburnum acerifolium</i> 'Nana'	dwarf cranberry bush viburnum		•	•			•	1B	
<i>Viburnum davidii</i>	David viburnum	•	•	•			•	2	
<i>Viburnum trilobum</i> 'Compactum'	dwarf cranberry bush viburnum		•	•			•	1B, 2	

**TALL SHRUBS (subject to site-specific approval if used in ROW)**

Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Arbutus unedo</i> 'Compacta'	compact strawberry tree	•	•	•				2	
<i>Camelia sasanqua</i> 'Yuletide'	yuletide camelia	•	•	•					
<i>Ceanothus Julia Phelps</i>	Small leaf Mountain lilac	•		•				2	
<i>Chamaecyparis obtusa</i> 'nana gracilis'	dwarf hinoki cypress	•		•				2	
<i>Choisya ternata</i>	Mexican mock orange	•	•	•					
<i>Cornus stolonifera</i>	Red -osier Dogwood		•	•	•			1A, 1B, 2	
<i>Cornus sericea</i> 'Isanti'	compact redbud dogwood	•	•	•				1B, 2	
<i>Hydrangea quercifolia</i>	oak-leaf hydrangea		•	•				2	
<i>Holodiscus discolor</i>	Ocean Spray		•	•	•			1A, 1B, 2	
<i>Mahonia aquifolium</i>	Tall Oregon Grape	•	•	•	•			1A, 1B, 2	

<i>Mahonia x media</i> 'Arthur Menzies'	hybrid mahonia	•	•	•			•	2	
<i>Myrica californica</i>	California wax-myrtle	•		•	•			2	
<i>Philadelphus lewisii</i>	Mock-orange			•	•			1B,1A, 2	
<i>Phormium tenax</i>	New Zealand flax		•	•				2	
<i>Physocarpus captatus</i>	Pacific Ninebark		•	•	•			1B,1A, 2	
<i>Physocarpus opulifolius</i> 'Diablo'	Diablo Ninebark		•	•				1B,1A, 2	
<i>Ribes sanguineum</i> and cultivated varieties	red-flowering currant		•	•	•			2	
<i>Salix hookeriana</i>	Hooker's Willow		•	•	•			1A,1B, 2	Not drought-tolerant
<i>Taxus baccata</i> 'Fastigiata'	Irish yew	•	•	•					
<i>Vaccinium ovatum</i>	evergreen huckleberry	•	•	•	•			2	

**BIORETENTION TREES (appropriate for zones 1A or 1B), subject to site-specific approval in ROW. See Green Factor tree list for non-bioretenion options.**

Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Abies grandis</i>	Grand Fir	•		•	•			1B, 2	
<i>Acer circinatum</i>	Vine Maple		•	•	•			1A,1B, 2	
<i>Acer glabrum</i>	Rocky Mountain Maple		•	•	•			1A,1B, 2	
<i>Acer saccharum</i> 'Commemoration'	Commemoration Sugar Maple		•	•				1A,1B, 2	
<i>Alnus crispa</i>	Sitka Alder		•	•	•			1A,1B, 2	
<i>Alnus rubra</i>	Red Alder		•	•	•			1A,1B, 2	
<i>Betula papyrifera</i>	White Birch		•	•	•			1A,1B, 2	
<i>Chamaecyparis nootkatensis</i>	Alaskan Cedar	•	•	•	•			1A,1B, 2	
<i>Corylus cornuta</i>	Beaked Hazelnut		•	•	•			1A,1B, 2	
<i>Fraxinus latifolia</i>	Oregon Ash			•	•			1A,1B, 2	
<i>Liquidambar styraciflua</i>	Sweet Gum			•				1A,1B, 2	
<i>Populus tremuloides</i>	Quaking Aspen			•	•			1A,1B, 2	
<i>Pseudotsuga menziesii</i>	Douglas Fir	•	•	•	•			1B, 2	
<i>Rhamnus purshiana</i>	Cascara		•	•	•			1A,1B, 2	
<i>Salix lucida</i>	Pacific Willow			•	•			1A,1B, 2	
<i>Salix scouleriana</i>	Scouler's Willow			•	•			1A,1B, 2	
<i>Taxodium distichum</i>	Bald Cypress			•				1A,1B, 2	
<i>Thuja plicatum</i>	Western Red Cedar	•	•	•	•			1A,1B, 2	
<i>Tsuga heterophylla</i>	Western Hemlock	•	•	•	•			1A,1B, 2	

<b>VINES</b>									
Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Actinidia kolomikta</i>	Kolomikta kiwi		•	•					
<i>Akebia quinata</i>	5-leaf akebia	•	•	•					Aggressive
<i>Aristolochia macrophylla</i>	Dutchman's pipe		•	•					
<i>Clematis armandii</i>	evergreen clematis	•		•					
<i>Clematis x cartmanii</i> "Blaaval"	Avalanche evergreen clematis	•		•					
<i>Clematis montana</i>	anemone clematis			•					
<i>Euonymus fortunei</i> 'Kewensis' or 'Radicans'	climbing wintercreeper	•	•	•					
<i>Hydrangea anomala</i>	climbing hydrangea			•					
<i>Jasminum grandiflorum</i>	climbing jasmine	•	•						
<i>Lonicera ciliosa</i>	orange honeysuckle		•		•				
<i>Lonicera sempervirens</i> or <i>L. heckrottii</i>	trumpet honeysuckle / coral honeysuckle			•					
<i>Passiflora</i> , in variety	passion vine	•		•					Aggressive
<i>Parthenocissus quinquefolia</i>	Virginia creeper			•					
<i>Parthenocissus tricuspidata</i>	Boston ivy		•						
<i>Trachelospermum jasminoides</i>	star jasmine	•	•	•					
<i>Wisteria</i> , in variety	wisteria			•					

<b>GREEN ROOF PLANTS</b>									
Scientific Name	Common Name	Evergreen	Shade	Sun	Native	up to 24"	2-3' ht	Bioretention Zone	Notes
<i>Allium schoenoprasum</i>	chives			•		•			
<i>Allium senescens</i>	lavender-flowered onion		•	•		•			
<i>Delosperma nubigenum</i>	yellow ice plant	•	•	•		•			
<i>Festuca idahoensis</i>	Idaho fescue	•		•	•	•			
<i>Fragaria chiloensis</i>	barren strawberry	•	•	•	•	•			
<i>Hebe decumbens</i>	ground hebe	•	•	•		•			
<i>Helianthemum nummularium</i> , in variety	sunrose	•		•		•			
<i>Heuchera micrantha</i>	coral bells/alumroot	•	•		•	•			
<i>Iberis sempervirens</i>	evergreen candytuft	•	•	•		•			
<i>Montia parviflora</i>	small-flowered spring-beauty	•	•		•	•			
<i>Rosmarinus officinalis</i> 'Prostratus'	prostrate rosemary	•		•		•			
<i>Sedum dasyphyllum</i>	thick-leaf stonecrop	•		•	•	•			
<i>Sedum divergens</i>	Pacific stonecrop	•		•	•	•			
<i>Sedum kamtschaticum</i>	Russian stonecrop	•		•		•			
<i>Sedum laxum</i>	roseflower stonecrop	•		•	•	•			
<i>Sedum oreganum</i>	Oregon stonecrop	•		•	•	•			
<i>Sedum spathulifolium</i>	broadleaf stonecrop	•		•	•	•			
<i>Sedum stefco</i>	stonecrop	•		•		•			
<i>Sempervivum arachnoideum</i>	hens and chicks	•		•		•			
<i>Sisyrinchium bellum</i>	blue-eyed grass			•	•	•			
<i>Talinum calycinum</i>	fame flower	•		•		•			
<i>Trifolium repens</i>	New Zealand White Clover	semi		•					

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<b>SPECIES NOT PERMITTED IN ROW OR NEW LANDSCAPE PLANS</b>	
<i>Scientific Name</i>	Common Name
<i>Hedera helix</i> --all varieties	English ivy
<i>Buddleia</i>	butterfly bush
<i>Clematis vitalba</i>	old man's beard
<i>Ilex aquifolium</i>	English holly
<i>Prunus laurocerasus</i>	English Laurel
<i>Polygonum aubertii</i>	silver lace vine
Any plant species classified by King County as a Class A, B, or C Noxious Weed	