

CLIMATE APPROPRIATE PLANTS

The following is an extensive list of plants that are Accessible for the Newport. Newport can have a harsh climate due to the wind and salt climate as well as sandy soils. This list is compiled from resources from Rachel Cotton with the City of Newport, Lincoln County Master Garden Association, Mike Faha with GreenWorks, PC and The Pacific Northwest Gardner Book of Lists.

This list is not a final list and should be added to as well as reviewed on a periodic basis.

Table 1. Trees

Common Name	Botanical Name	Native	Height / Width	Wind Tolerance	Street Tree	Water	Sun / Shade	Evergreen / Deciduous	Comments
TREES									
<i>Large</i>									
Sitka Spruce	<i>Picea sitchensis</i>	X	150' / 30'	H		M	Full sun	E	Tolerates salt, wind, sandy soil. Will lift pavement. Pyramidal evergreen.
Grand Fir	<i>Abies grandis</i>	X	100' / 20'	L	X	M	Sun/Shade	E	
Coast Redwood	<i>Sequoia sempervirens</i>	CA Native	100' / 25'	H		M	Full sun	E	
Douglas Fir	<i>Pseudotsuga menziesii</i>	X	80' / 20'	L	X	M to H	Full sun	E	
Norway Spruce	<i>Picea abies</i>		80' / 30'	H		L	Full sun	E	Pyramidal evergreen, fast growing
Holly Oak	<i>Quercus ilex</i>		70' / 60'	H	X	M	Sun/Shade	E	
Western Red Cedar	<i>Thuja plicata</i>	X	70' / 25'	H		M	Sun/Shade	E	Evergreen to 100'
Shore Pine	<i>Pinus contorta</i>	X	60' / 25'	H		L	Full sun	E	Adaptable. Typical wind pruned tree along the coast
Tuliptree	<i>Liriodendron tulipifera</i>		60' / 30'	L		M	Full sun	D	

Common Name	Botanical Name	Native	Height / Width	Wind Tolerance	Street Tree	Water	Sun / Shade	Evergreen / Deciduous	Comments
Western Hemlock	<i>Tsuga heterophylla</i>	X	60' / 20'	M		M	Sun/Shade	E	Does not thrive in Sandy Soil. Tolerates Shade
Bigleaf Maple	<i>Acer macrophyllum</i>	X	50' / 30'	L		M	Sun/Shade	D	Large spreading tree, fall yellow color
Japanese Black Pine	<i>Pinus thunbergii</i>		50' / 20'	H	X	M	Full sun	E	
Pacific Madrone	<i>Arbutus menziesii</i>	X	50' / 30'	H	X	L	Full sun	E	
Medium									
European Hornbeam	<i>Carpinus betulus 'Fastigiata'</i>		45'/20'	M	X	M	Sun/Shade	E	
Ginkgo	<i>Ginkgo biloba</i>		45' / 35'	M	X	M	Sun/Shade	D	Large pyramidal shape, yellow leaves in fall
Japanese Zelkova	<i>Zelkova serrulata</i>		45' / 30'	M	X	M	Sun/Shade	D	Replacement for American Elm
Bitter Cherry	<i>Prunus emarginata</i>	X	40' / 30'	M		M	Part shade	D	
Cascara	<i>Rhamnus purshiana</i>	X	40' / 12'	M		L	Sun/Shade	D	Upright form
Leyland Cypress	<i>Cupressocypariss leylandii</i>		40' / 10'	H		M	Full sun	E	Dense pyramidal evergreen, fast growing
Scotch Pine	<i>Pinus sylvestris</i>		40' / 35'	M		M	Full sun	E	
Goldenrain Tree	<i>Koelreuteria paniculata</i>		30' / 30'	M	X	L	Sun/Shade	D	
Japanese Snowbell	<i>Styrax japonica</i>		30' / 30'	M	X	M	Sun/Shade	D	

Common Name	Botanical Name	Native	Height / Width	Wind Tolerance	Street Tree	Water	Sun / Shade	Evergreen / Deciduous	Comments
Monterey Cypress	<i>Cupressus macrocarpa</i>	CA Native	30' / 8'	H		M	Full sun	E	Upright form, likes sandy fast draining soils
Strawberry Tree	<i>Arbutus unedo</i>		30' / 15'	M		L	Full sun	E	Pink flowers in fall, red fruit in spring
Washington Hawthorn	<i>Crataegue phaenopyrum</i>		30' / 30'	M	X	L to M	Full sun	D	
Small									
Flowering Crabapple	<i>Malus 'Liset'</i>		25' / 20'	M	X	M	Full sun	D	Trees on Bay Road
Pacific Wax Myrtle	<i>Myrica Californica</i>	X	25'/20'	H		L	Full sun	E	
Flowering Cherry	<i>Prunus serrulata</i>		20' / 20'	M	X	M	Sun/Shade	D	White-Pink Flowers
Japanese Maple	<i>Acer japonicum</i>		20' / 15'	M		M	Sun/Shade	D	Orange fall foliage
Pacific Crabapple	<i>Malus fusca</i>	X	20' / 20'	M		M	Full sun	D	
Star Magnolia	<i>Magnolia stellata</i>		15' / 10'	M		M	Sun/Shade	D	Blooms in March
Vine Maple	<i>Acer circinatum</i>	X	15' / 10'	M		M	Sun/Shade	D	Multiple trunks

Table 2. Shrubs, Forbs/Herbs, and Grasses

Common Name	Botanical Name	Native	Evergreen / Deciduous	Height / Width	Water	Sun / Shade	Comments
SHRUBS							
Barberry	<i>Berberis</i> sp.		E	6' / 6'	L to M	Sun/Shade	Broad-rounded shrub with arching branches
Blackhaw Viburnum	<i>Viburnum prunifolium</i>		D	12' / 12'	M	Sun/Shade	
Bloodtwig Dogwood	<i>Cornus sanguinea</i>	X	D	6' / 6'	M	Sun/Shade	Upright, round-topped, spreading, twiggy, multi-stemmed shrub
Blue Blossom	<i>Ceanothus thyrsiflorus</i>	X	E	5' / 5'	M	Sun/Shade	Blue flowers attract bees. Short lived
Blue Pacific Shore Juniper	<i>Juniperus conferta</i>		E	1.5' / 8'	M	Full sun	High Wind and Salt Tolerance
Blueberry	<i>Vaccinium corymbosum</i>		E	12' / 12'	M to H	Sun/Shade	Shallow roots need constant moisture and good drainage. Plants appreciate good organic mulch.
Ceanothus	<i>Ceanothus griseus horizontalis</i>		E	3' / 8'	L	Sun/Shade	Fast growing, durable ground cover
Coyote Bush	<i>Baccharis pilularis</i>	X	E	4' / 10'	L to M	Sun/Shade	
Creeping Juniper	<i>Juniperus horizontalis</i>	Northern US	E	1.5' / 8'	M	Full sun	
Creeping Mahonia	<i>Mahonia repens</i>	X	E	2' / 4'	M	Sun/Shade	Low, sprawling
Creeping Rosemary	<i>Rosmarinus prostratus</i>		E	2' / 3'	L	Full sun	Med Wind and Salt Tolerance
Dwarf Oregon Grape	<i>Mahonia nervosa</i>	X	E	7' / 7'	L	Part shade	Prefers well drained acidic soil
Escallonia	<i>Escallonia</i> sp.		E	8' / 6'	M	Sun/Shade	Dense shrub

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Flowering Quince	<i>Chaenomeles japonica</i>		D	3' / 6'	M	Sun/Shade	Tolerates drought, erosion, clay soils. Easily grown in well drained soil
Hairy Manzanita	<i>Arctostaphylos columbiana</i>	X	E	10' / 10'	L	Full sun	Likes well-drained, acidic soil, a southern or western exposure and is highly drought tolerant.
Hawthorn	<i>Crataegus spp.</i>		D	30' / 30'	L to M	Full sun	
Heath (many species)	<i>Erica sp.</i>		E	12' / 6'	M	Sun/Shade	High Wind and Salt Tolerance
Hopseed	<i>Dodonaea viscosa</i>		E	12' / 8'	M	Full sun	
Huckleberry	<i>Vaccinium ovatum</i>	X	E	8' / 10'	L	Sun/Shade	Edible berries, neat, erect, compact, sometimes erratic growth habit
Hybrid Rhododendron	<i>Rhododendron sp.</i>		E	8' / 8'	M	Part shade	Small fuzzy leafed varieties such as Snow Lady best near ocean
Hydrangea	<i>Hydrangea sp.</i>		D	5' / 5'	M	Part shade	
Japanese Honeysuckle	<i>Lonicera japonica</i>		D	30' / 6'	L to M	Sun/Shade	
Japanese Umbrella Pine	<i>Sciadopitys verticillata</i>		E	25' / 15'	M	Full sun	
Kinnikinnick	<i>Arctostaphylos uva-ursi</i>	X	E	12" / 15"	L	Full sun	Groundcover
Lavender	<i>Lavandula sp.</i>		E	3' / 4'	L to M	Full sun	
Lilly of the Valley	<i>Pieris sp.</i>		E	7' / 7'	M	Sun/Shade	
Mahonia	<i>Mahonia aquifolium</i>	X	E	5' / 5'	L	Part/Full Shade	

Common Name	Botanical Name	Native	Evergreen / Deciduous	Height / Width	Water	Sun / Shade	Comments
Mediterranean Fan Palm	<i>Chamaerops humilis</i>		E	15' / 20'	M	Sun/Shade	Multi-trunk evergreen palm with an upright irregular form that typically matures as a shrub or small tree
Mexican Orange	<i>Choysia ternata</i>		E	8' / 8'	M	Part/Full Shade	Prefers areas protected from cold winter winds
Ninebark	<i>Physocarpus capitatus</i>	X	D	8' / 8'	L to M	Part/Full Shade	Rounded form
Nootka Rose	<i>Rosa nutkana</i>	X	D	4' / 4'	L	Sun/Shade	Pink flowers
Oceanspray	<i>Holodiscus discolor</i>	X	D	10' / 8'	M	Part shade	Attractive spring flowers
Osoberry / Indian Plum	<i>Oemleria cerasiformis</i>	X	D	15' / 10'	M	Part/Full Shade	Avoid wet soil
Pacific Rhododendron	<i>Rhododendron macrophyllum</i>	X	E	8' / 8'	L	Part shade	Prefers morning sun
Point Reyes Ceanothus	<i>Ceanothus gloriosus</i>		E	6' / 6'	L to M	Sun/Shade	Mounding, rounded, spreading form
Prickly Currant	<i>Ribes lacustre</i>	X	D	7' / 5'	L	Part/Full Shade	Upright form, fast growth rate, purple flowers
Pussy Willow	<i>Salix discolor</i>		D	15' / 12'	M to H	Sun/Shade	Thrives in wet soils
Red Elderberry	<i>Sambucus racemosa</i>	X	D	12' / 15'	M to H	Sun/Shade	
Red Flowering Currant	<i>Ribes sanguineum</i>	X	D	13' / 7'	L	Part shade	Upright form, pleasant fragrance, fast growth rate
Rosemary	<i>Rosemarinus sp.</i>		E	6' / 4'	M	Full sun	Aromatic leaves, blue to violet flowers
Salal	<i>Gaultheria shallon</i>	X	E	6' / 8'	M	Sun/Shade	High Wind and Salt Tolerance. Edible

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							berries. Grows 2' tall in shade, up to 10' tall in sun
Silktassel	<i>Garrya elliptica</i>	CA Native	E	12' / 8'	L	Sun/Shade	Rounded form
Smokebush	<i>Cotinus coggygia</i>		D	15' / 15'	M	Full sun	
Snowberry	<i>Symphoricarpos albus</i>	X	D	6' / 6'	L	Sun/Shade	Rounded, fountain form
Spreading Gooseberry	<i>Ribes divaricatum</i>	X	D	10' / 3'	L	Sun/Shade	
Twinberry	<i>Lonicera involucrata</i>	X	D	10' / 10'	M	Sun/Shade	Habitat plant. Grows into a leggy shrub. Takes wind
Viburnum	<i>Viburnum edule</i>	X	D	5' / 5'	M	Sun/Shade	
Wax Myrtle	<i>Myrica californica</i>	X	E	20' / 15'	L to M	Sun/Shade	Can Suffer from Fungal Disease. Takes Pruning
Western Hazelnut	<i>Corylus cornuta ssp. californica</i>	X	D	4' / 8'	M	Sun/Shade	Showy, edible fruit
Western Spirea	<i>Spirea douglasii</i>	X	D	7' / 4'	M to H	Sun/Shade	Upright form, pleasant fragrance, fast growth rate
FORBS/HERBS							
Ajuga	<i>Ajuga reptans</i>			0.75' / 1'	M	Sun/Shade	High Wind and Salt Tolerance
Aster	<i>Aster chilensis</i>	X		3' / 3'	L	Sun/Shade	Cheerful violet flowers
Beach Aster / Fleabane	<i>Erigeron glaucus</i>	X		1' / 2'	L	Sun/Shade	High Wind and Salt Tolerance, small perennial, attractive flowers - violet, pink, spreading form

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Beach Pea	<i>Lathyrus japonicus</i>				M	Full sun	Lavender Flowers. <i>L. littoralis</i> is native variety but not as common. Grows in trailing stems typically on sand and gravel storm beaches
Beach Strawberry	<i>Fragaria chiloensis</i>	X		1' / 4'	L	Sun/Shade	Groundcover. Fruits are eaten by birds, animals. Spreading form
Bishop's Hat	<i>Epimedium sp.</i>			1' / 1.5'	L to M	Part/Full Shade	Prefers loose, organically rich loams with even moisture in part shade
Bracken Fern	<i>Pteridium aquilinum</i>	X		1.5' / 2'	L	Sun/Shade	Leaves turn brown in winter. Upright form
California Poppy	<i>Eschscholzia californica</i>	CA Native		2' / 2'	L	Full sun	Low Wind and Salt Tolerance
Candy Tuft	<i>Iberis sempervirens</i>			1' / 1.5'	M	Full sun	Medium Wind and Salt Tolerance
Checkerbloom	<i>Sidalcea oregana</i>	X		4' / 4'	M to H	Part shade	Upright form, prefers sandy or loamy soils.
Common Camas	<i>Camassia quamash</i>	X		2' / 1'	M to H	Sun/Shade	Upright form, great in meadows and along streamsides
Day Lily (many species)	<i>Hemerocallis sp.</i>			1' / 1'	M	Sun/Shade	Med Wind and Salt Tolerance
Deer Fern	<i>Belchnum spicant</i>	X		3' / 2'	M to H	Part/Full Shade	Upright, fountain form

Common Name	Botanical Name	Native	Evergreen / Deciduous	Height / Width	Water	Sun / Shade	Comments
Douglas Iris	<i>Iris douglasiana</i>	X		2.5' / 3'	L	Sun/Shade	Fountain form, fast grower
Dragon's Blood Sedum	<i>Sedum spurium</i>	X		0.5' / 1.5'	L to M	Full sun	High Wind and Salt Tolerance
Drops-of-gold	<i>Prosartes hookeri</i>	X		3' / 3'	M to H	Part shade	Shady damp areas, woodlands, oak understory
Fairy Bells	<i>Prosartes smithii</i>	X		3' / 3'	M to H	Full shade	
Fringecup	<i>Tellima grandiflora</i>	X		3' / 2'	M to H	Part/Full Shade	
Fuschia	<i>Fuchsia magellanica</i>			2' / 2'	M	Part/Full Shade	Showy flower, grows in organically rich, medium moisture soils
Goat's Beard	<i>Aruncus dioicus</i>	AK Native		6' / 4'	M to H	Sun/Shade	Best grown in moist, fertile, organically rich soils in full sun or part shade
Goldenrod	<i>Solidago canadensis</i>	X		5' / 3'	L	Full sun	Grows in meadows and thickets
Gumweed	<i>Grindelia integrifolia</i>	X		1' / 1'	L to M	Full sun	Yellow Flowers. Grows in sandy beach
Heater (many species)	<i>Calluna sp.</i>	X		2' / 2'	M	Sun/Shade	Useful as groundcover or in a rock garden, effective when planted in mass on hillsides, also along borders
Heuchera	<i>Heuchera micrantha</i>	X		3' / 1'	M to H	Part/Full Shade	Prefers rocky substrate
Ice Dance' Sedge	<i>Carex morrowii</i>			1.5' / 2'	M to H	Part/Full Shade	Medium Wind and Salt Tolerance

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Indian Rhubarb	<i>Darmera peltata</i>	X		5' / 5'	L	Part/Full Shade	
Inside-Out Flower	<i>Vancouveria hexandra</i>	X		1.5' / 1.5'	M	Part/Full Shade	Easily grown in cool, organically rich, acidic, consistently moist, well-drained loams
Lady's Mantle	<i>Alchemilla mollis</i>			1.5' / 2.5'	M	Sun/Shade	Low Wind and Salt Tolerance
Large Camas	<i>Camassia leichtlinii</i>	X		1' / 1'	M to H	Part shade	Upright form
Lenten Rose / Hellebore	<i>Helleborus sp.</i>	X		1.5' / 1.5'	L	Part shade to full shade	Best grown in organically rich, humusy, well-drained soils. Clump-forming, late winter-blooming perennial with nodding flowers
Licorice Fern	<i>Polypodium vulgare</i>	X		1' / 1'	M	Part/Full Shade	
Lithodora	<i>Lithodora diffusa</i>			1' / 25'	M	Sun/Shade	Best grown in humusy, moist, fertile, acidic, well-drained soils
Maiden Fern	<i>Adiantum pedatum</i>	X		2.5' / 1.5'	M	Part/Full Shade	Prefers moist, humusy, acidic soil in full shade
Matilija Poppy	<i>Romneya coulteri</i>	CA Native		10' / 20'	L	Full sun	Upright columnar, weeping form
Phlox	<i>Phlox subulata</i>	US Native		0.5' / 2'	M	Full sun	Medium Wind and Salt Tolerance
Piggy-Back Plant	<i>Tolmiea menziesii</i>	X		0.5' / 0.5'	M to H	Part/Full Shade	Prefers rich, forest soil with well-decomposed

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							organic component derived from decaying wood. For garden purposes add redwood compost to soil mix.
Purple Leaf Winter Creeper	<i>Euonymus fortunei</i>			0.75' / 3'	M	Sun/Shade	Medium Wind and Salt Tolerance
Santolina	<i>Santolina chamaecyparissus</i>			2' / 3'	L to M	Full sun	High Wind and Salt Tolerance
Sea Pink	<i>Armeria maritima</i>			1' / 1'	L	Full sun	High Wind and Salt Tolerance
Sea Watch	<i>Angelica lucida</i>	X					Showy white flowers
Seashore Lupine	<i>Lupinus littoralis</i>	X		1' / 1'	L to M	Full sun	Lavender, Blue Flowers. Likes sandy soil, clump or mat forming.
Shasta Daisy	<i>Leucanthemom x superbum</i>			4' / 4'	L to M	Full sun	Med Wind and Salt Tolerance
Silver Lace Vine	<i>Polygonum aubertii</i>			25' / 25'	M	Sun/Shade	Best grown in well-drained sandy loams with regular moisture. Needs a support structure upon which to grow unless grown as a sprawling ground cover. Somewhat weedy, spreads quickly by rhizomes.
Silverweed	<i>Potentilla anserine ssp.</i>	X		1' / 3'	M to H	Full sun	Yellow Flowers, ground cover

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Slough Sedge	<i>Carex obnupta</i>	X		2' / 2'	M to H	Full shade	Sedge that spreads by rhizomes, upright form. Likes moist, aline places
Snow in Summer	<i>Cerastium tomentosum</i>			1' / 1'	L	Full sun	Med Wind and Salt Tolerance
Stream Violet	<i>Viola glabella</i>	X		0.5' / 0.5'	M	Part shade	Grows along streams or in moist woods
Sweet Woodruff	<i>Galium odoratum</i>			1' / 1.5'	M to H	Part/Full Shade	Low Wind and Salt Tolerance
Sword Fern	<i>Polystichum munitum</i>	X		5.5' / 3'	L to M	Full shade	Needs some protection from wind. Understory plant. Upright, fountain form
Thimbleberry	<i>Rubus parviflorus</i>	X		8' / 8'	M to H	Part shade	Upright, spreading form
Trillium	<i>Trillium ovatum</i>	X		2' / 1.5'	M to H	Part/Full Shade	Grows on moist slopes and canyon banks.
Voilet	<i>Viola adunca</i>	X		1' / 1'	M to H	Sun/Shade	Likes sheltered places along streams. Adaptable
Western Geranium	<i>Geranium oreganum</i>	X		3' / 2'	M	Part shade	Upright form, fast growth rate, purple flowers
Wild Ginger	<i>Asarum caudatum</i>	X		0.5' / 1.5'	M	Part/Full Shade	Groundcover
Wood Fern	<i>Dryopteris arguta</i>	X		2' / 2'	L	Sun/Shade	Grows well on slopes
Wooly Thyme	<i>Thymus pseudolanuginosus</i>			0.25' / 1'	L to M	Full sun	High Wind and Salt Tolerance

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Woundwort	<i>Prunella vulgaris</i>	X		2' / 0.75'	M to H	Sun/Shade	Found in a variety of places, including forest edges, meadows, and vernal wetlands. Prefers damp sandy loam
Yarrow	<i>Achillea millefolium</i>	X		3' / 1.5'	L	Sun/Shade	Upright, spreading form
GRASSES							
Blue Oat Grass	<i>Helictotrichon sempervirens</i>			3' / 2.5'	L to M	Full sun	Medium Wind and Salt Tolerance
Blue Wild Rye	<i>Leymus racemosus</i> 'Glaucus'	CA Native		2' / 2'	L to M	Full sun	
Blue-Eyed Grass	<i>Sisyrinchium idahoense</i>	X		1.5' / 1.5'	M	Full sun	Grows in open, moist, grassy places
Feather Reed Grass	<i>Calamagrostis acutiflora</i> 'Karl Forester'			5' / 2.5'	M to H	Full sun	Prefers rich, consistently moist soils that do not dry out.
Maiden Grass	<i>Miscanthus sinensis</i> 'Gracillimus'	X		7' / 6'	M	Sun/Shade	Clump-forming warm season grass
Orgen Tufted Hair Grass	<i>Deschampsia cespitosa</i>	X		3' / 3'	M to H	Sun/Shade	Fountain form
Variiegated Japanese Silver Grass	<i>Miscanthus sinensis</i> 'Variegatus'			9' / 5'	M	Sun/Shade	Easily grown in average, medium moisture, well-drained soil