

TREE, SHRUB AND GROUND COVER LISTS FOR QUALITY POINTS

LARGE CANOPY TREES FOR TREE QUALITY POINTS

(Trees with a mature height of greater than 40', with a minimum of 30' canopy)

- R/O denotes trees which receive retention points only

Minimum planting space for large trees is 400 square feet: 16' x 25' or 20' x

20'

Botanical Name Common Name	Drought-Tolerance	Planting Points	Retention Factor	Notes
Acer Floridanum (Acer barbatum) Florida	X	90	1.5	Yellow fall color; native; good for parking area; maple
Acer rubrum Red Maple	X, M	90	1.5	Cvs. "Summer Red," "Red Sunset"; Native
Cayra aquatica Water Hickory	M	R/O	1.5	Large tap root; native
Carya cordiformis Bitternut Hickory	X	R/O	1.5	Large tap root; native
Carya glabra pignut Hickory	X	R/O	1.5	Large tap root; native
Carya illinoensis Pecan	X	40	.50	Edible nuts; weak wooded; native
Carya pallida Sand Hickory	X	R/O	1.5	Large tap root; native
Cayra tomentosa Mockernut Hickory	X	R/O	1.5	Large tap root; native
Carya myristicaeformis Nutmeg Hickory	X	R/O	1.5	Large tap root; native
Cedrus atlantica "Glauca" Blue Atlas Cedar		40	.50	Blue evergreen; central leader dies back
Cedrus deodara Deodar Cedar	X	40	.50	Evergreen
Celtis laevigata	X	R/O	1.5	Small leaves; gray bark; tiny fruit
Cryptomeria japonica Japanese Cedar	X	40	.50	Evergreen; hardy, stately tree
Cunninghamia lanceolata China Fir	M	40	.50	Blue-gray evergreen
X Cupressocyparis	X	15	.50	Susceptible to

leylandii Leyland Cypress				cankers
Cupressus sempervirens Italian Cypress		15	.50	Columnar tree; evergreen; slow- growing
Fagus grandifolia American Beech		90	1.5	Gray bark; plant smaller tree
Fraxinum pennsylvania Green Ash	M	90	1.5	cv. "Marshall's Seedless"
Ginkgo biloba Maidenhair tree	X	90	1.5	Pollution tolerant; yellow fall leaves; plant male trees; avoid smelly fruit
Gleditsia triacanthos Honey Locust		R/O	.50	Breaks up with age
Juglans nigra Black Walnut		R/O	.50	Edible nuts; weak wooded tree
Juniperus virginiana Red Cedar	C	90	1.5	Evergreen; long- lived; salt tolerant
Liquidambar styraciflua Sweetgum	X	15	.50	Weak wooded when old; messy fruit
Liriodendron tulipifera Tulip or Yellow Poplar	X, M	90	1.5	Showy green- orange flowers; sensitive roots
Magnolia grandiflora Southern Magnolia	X	90	1.5	Evergreen; white fragrant flowers; cvs. "Braken's Brown Beauty"; "Claudia Wanamaker"; "D.D. Blanchard"
Metasequoia glyptostoboides Dawn Redwood	X	40	.75	Medium growing; late introduction
Morus rubra Red Mulberry	X	R/O	.50	Messy fruit; weak wood, historical significance
Nyssa aquatica Water Tupelo	M	R/O	1.5	Moist soils; riverbanks
Nyssa sylvatica Black Tupelo or Black Gum	M	90	1.5	Good fall color
Pinus echinata Shortleaf Pine		15	.50	Evergreen
Pinus elliottii Slash Pine	X	15	.75	Evergreen; stately tree
Pinus glabra Spruce Pine		40	1.00	Nice form/foliage; evergreen
Pinus palustris	X	15	1.00	Fire-resistant; evergreen
Pinus serotina Pond Pine	M	R/O	1.00	Evergreen; native
Pinus taeda Loblolly Pine	X	15	.50	Evergreen
Plantanus x		90	1.5	Large tree; coarse

acerifolia London Planetree				texture
Plantanus occidentalis American Sycamore	M	90	1.5	Exfoliating bark; deciduous
Populus alba White Poplar	M	90	1.5	Fuzzy seeds; deciduous; native
Prunus serotina Black Cherry		R/O	.50	Dark bark; wildlife planting; deciduous; native
Quercus acutissima Sawtooth Oak	X	90	.75	Medium sized tree; excellent
Quercus alba White Oak		90	1.5	Deciduous; sensitive roots
Quercus falcata Southern Red Oak	X	90	1.5	Deciduous; sensitive roots
Quercus laurifolia Laurel Oak	X	90	1.5	Semi-evergreen
Quercus lyrata Overcup Oak	M	90	1.5	Native
Quercus macrocarpa Bur Oak	X	90	1.5	Deeply furrowed bark in older specimens
Quercus michauxii Swamp Chestnut Oak	M	90	1.5	Platy, gray bark; orange fall color; distinctive tree
Quercus nigra Water Oak	M	R/O	.50	Weak wooded Oak; native
Quercus phellos Willow Oak	X	90	.75	Deciduous
Quercus Shumardii Shumard's Red Oak	X	90	1.5	Deciduous; large spreading
Quercus stellata Post Oak	X	R/O	1.5	Large spreading
Quercus velutina Black Oak	X	R/O	1.5	Large spreading; blackish colored bark
Quercus virginiana Live Oak	X	90	1.5	State tree; most majestic of southern oaks; evergreen
Taxodium ascenduns Pond Cypress	M	90	1.5	Grow in moist conditions; use plants which are acclimated to the specific site soil condition
Taxodium distichum Bald Cypress	M	90	1.5	Adaptable to conditions; better foliage than T. ascendens; use plants which are acclimated to specific site soils
Ulmus Americana American Elm		90	.75	Susceptible to Dutch Elm Disease

				(except cv "Princeton")
Ulmus parvifolia Lacebark Chinese Elm		90	.75	Cvs: "Athena", "Drake", exfoliating bark; good for smaller areas
Ulmus rubra Slippery Elm		R/O	.75	Bark used medicinally
Zelkova serrata Japanese Zelkova	X	40	.75	Cvs: "Village Green"; "Greenspire"; good for smaller areas

MEDIUM CANOPY TREES FOR TREE QUALITY POINTS (Trees with a mature height between 25' - 40')

* R/O denotes trees which receive retention points only

Minimum planting space for medium trees is 225 square feet: 15' x 15' or 9' Radius

Botanical Name Common Name	Drought-Tolerance	Planting Points	Retention Factor	Notes
Acer Buergerianum Trident Maple	X	15	.75	
Amelanchier arborea Downy Serviceberry		R/O	1.5	White flowers in early spring
Amelanchier Canadensis Shadblow Serviceberry		R/O	1.5	White flowers in early spring
Betula nigra River Birch	M	30	.50	Prefer moisture; good cultivars: "Heritage"
Carpinus caroliniana American Hornbeam	X	30	1.5	Blue, muscled wood
Castanea pumila Chinquapin		R/O	.75	Wind pollinated
Catalpa bignonioides Common Catalpa	X	R/O	.50	White flowers in May; coarse leaves; long pods
Fraxinus caroliniana Carolina Ash	X	R/O	.75	Native
Fraxinus profunda Pumpkin Ash	M	R/O	.75	Native
Gleditsia aquatica Water Locust	M	R/O	.75	Native
Gordonia lasianthus Loblolly Bay	M	30	1.5	White flowers in late summer; moist, acid soil; evergreen
Halesia Carolina Carolina Silverbell	X	30	1.5	Good dogwood substitute; white bell like flowers
Ilex opaca American Holly	X	30	1.5	Evergreen; female produces berries; needs male pollinator
Juniperus salicicola Southern Red Cedar		30	1.5	Evergreen
Koelreuteria bipinnata Bourgainvillea Goldenraintree	X	15	1.5	Red fall color; golden flowers
Magnolia virginiana Sweet Bay Magnolia	X	30	1.5	White flowers in summer
Nyssa ogeche	M	30	1.5	Moist soil; native;

Ogeechee Lime				river banks of Ogeechee
Ostrya virginiana Eastern Hophornbeam		30	1.5	Native
Oxydendrum arboretum Sourwood	X	30	1.5	Crimson red leaves in fall; acidic soil; white paniced flowers in summer
Parrotia persica Persian Parrotia	X	30	1.5	Good fall color; hardy street tree
Pistacia chinensis Chinese Pistachio	X	30	1.5	Good fall color; hardy street tree; strong wooded, no nuts
Populus deltoides Eastern Cottonwood	X, M	R/O	.75	Native
Populus heterophylla Swamp Cottonwood	X, M	R/O	.75	Native evergreen; reseeds readily
Prunus caroliniana Carolina Cherry Laurel	X	15.	.75	May become invasive
Prunus yedoensis Yoshino Cherry		30	.75	White flowering plant; tidal basin; Washington DC
Quercus myrsinifolia Chinese Evergreen Oak	X	30	1.5	Evergreen
Robinia pseudoacacia Black Locust		30	.50	Fragrant flowers
Salix babylonica Weeping Willow	M	15	.50	Short lived; weeping habit
Salix nigra Black Willow	M	R/O	.50	Native
Sassafras albidum Sassafras	X	15	1.5	Native

SMALL CANOPY TREES FOR LANDSCAPE QUALITY POINTS (Trees with a mature height up to 25')

*** R/O denotes trees which receive retention points only Minimum planting space for small trees varies between 25 - 100 square feet (depending on species)**

Botanical Name Common Name	Drought-Tolerance	Planting Points	Retention Factor	Notes
Acer palmatum Japanese Maple		5.75		Plant in high shade; red fall color
Celtis Georgiana Georgia Hackberry	X, M	R/O	.50	Moist areas
Cercis Canadensis White Hybrid Eastern Redbud	X	10	1.5	“Texensis” and “Alba”; “Forest pansy”; has burgundy leaves
Cercis chinesis Chinese Redbud	X	10	1.5	Pink flowers; sometimes available
Cercis reniformis Oklahoma Redbud	X	10	1.5	Wine red flowers; “Oklahoma”; glossy leaves
Chionanthus retusus Chinese Fringetree	X, M	10	1.5	White, fringed flowers; good ornamental tree
Chionanthus virginicus Fringetree	X, M	10	1.5	White, fringed flowers, good ornamental tree
Cornus florida Flowering Dogwood		10	1.5	White bracts of flowers; red berries; semi-shade
Cornus kousa Kuosa Dogwood		10	1.5	White bracts of flowers; red berries; semi-shade
Elliottia racemosa Elliottia Southern Plume	X	R/O	1.5	Endangered species; moist sandy areas
Eriobotrya japonica Loquat	X	5	.75	Evergreen; edible fruit; may be messy; fire blight susceptible
Forestiera acuminata Swamp Privet	M	R/O	1.5	Rare native tree; black fruits
Franklinia alatamaha Franklinia		10	1.5	No longer found in the wild; evergreen; white flowers
Ilex x attenuata East Palatka Holly	X	10	1.5	Evergreen foliage; provide male and female plants for berries
x attenuate “Fosteri” Foster Holly	X	10	1.5	Good for narrow spaces; same comments as above

Ilex x attenuate Savannah Holly	X	10	1.5	Same as for East Palatka
Ilex cassine Dahoon Holly		5	1.5	Transparent red fruits on female plants; deciduous
Ilex decidua Possumhaw	X	5	.75	Orange fruits on female plants; deciduous
Ilex latifolia Lusterleaf Holly	X	10	.75	Glossy green leaves; evergreen
Ilex myrtifolia Myrtleleaf Holly		5	.75	Same as above
Ilex x "Nellie R. Stevens" Nellie R Stevens Holly		10	.75	One male needed with females for fruit
Ilex vomitoria Yaupon Holly	X	10	1.5	Evergreen; red fruits on female plants
Ilex vomitoria Weeping Yaupon Holly	X	10	1.5	"Pendula" Same as above
Juniperus chinensis Hollywood Juniper	X	5	.75	"Torulosa" Interesting form
Juniperus virginiana Red Cedar	X	10	1.5	"Burkii" evergreen; vertical accent
Lagerstroemia indica "Cherokee"	X	10	.50	"Muskogee", "Natchez", "Tuscarora", etc. Same as above, but hybridized, disease resistant; Indian names
Ligustrum lucidum Glossy Privet	X	10	.50	Tree form; glossy evergreen leaves; blue black berries
Magnolia x soulangeana Saucer Magnolia	X	10	1.5	Pink purple flowers; often burned by frost; deciduous
Magnolia stellata Star Magnolia	X	5	.75	White, starlike flowers; often burned by frost; deciduous
Morus alba White Mulberry	X	R/O	.50	Messy fruit; weak wooded tree; historic interest
Myrica cerifera Wax Myrtle	X	10	1.5	Evergreen aromatic leaves
Osmanthus americanus Devil Wood	X	10	1.5	Evergreen
Osmanthus x fortunei Fortune's Tea Olive		10	1.5	Fragrant small flowers in fall; no pests; border or as screen
Osmanthus fragrans Fragrant Tea Olive		10	.50	Fragrant flowers Oct. to Jan.; no

				pests; fragrant specimen
Osmanthus heterophyllus Hollyleaf Osmanthus		10	.75	Dark green foliage; spiny holly like leaves; fall fragrant blooms
Planera aquatica Planertree	M	R/O	.75	Native
Podocarpus macrophyllus "Maki" Southern Yew		10	1.5	Evergreen; dark color
Prunus angustifolia Chickasaw Plum	X	R/O	.50	Native
Prunus campanulata Taiwan Cherry		10	.75	Dark pink flowers in Feb.
Prunus cerasifera "Atropurpurea" X Purple leaf Plum	X	10	.75	Purple leaves; while pink flowers
Prunus ceraifera "Newport" Cherry Plum	X	10	.75	
Prunus mume Flowering Apricot		10	.75	Light pink flowers in Jan.-Feb.
Prunus persica Flowering Peach		10	.50	
Prunus serrulata Japanese Flowering Cherry		10	.75	Many good cultivars; "Kwanzan"; "Okame"; early spring blooming
Prunus umbellate Hog Plum		R/O	.50	Native
Vaccinium arboretum Sparkleberry		10	1.5	Small blueberries; white flowers; good ornamental
Vitex agnus-castus Lilac Chastetree	X	10	.50	White to lilac flowers in summer; aromatic, deciduous leaves

PALM-TYPE and CYCAD TREE AND SHRUB LIST

(Note: All palm LQP are based on height, not DBH)

Botanical Name Common Name	Drought-Tolerance	Planting Points	Minimum Space	Notes
<i>Butia capitata</i> Jelly or Pindo Palm	X	2 points/foot of height	8' x 8'	Treeform
<i>Chamaerops humilis</i> European Fan Palm	X	2 points/foot of height	8' x 8'	Tree form
<i>Cycas revolute</i> Sago Cycas	X	2 points/foot of height	4' x 4'	Shrublike/small tree
<i>Phoenix canariensis</i> Canary Date Palm	X	2 points/foot of height	8' x 8'	Treeform
<i>Rapidophyllum histrix</i> Needle Palm	M	2 points/foot of height	8' x 8'	Shrubform; small tree
<i>Sabal etonia</i> Scrub Palmetto		3.0 new/1.5 retained		Shrublike; native
<i>Sabal minor</i> Dwarf Palmetto	M	3.0 new/1.5 retained		Shrublike; native
<i>Sabal palmetto</i> Cabbage	X	2 points/foot of height	8' x 8'	Treeform; native
<i>Palmetto Serenoa repens</i> Saw Palmetto	X			Shrublike; native
<i>Trachycarpus fortunei</i> Fortune's Windmill Palm	X	2 points/foot of height	8' x 8'	Treeform
<i>Washingtonia robusta</i> Washington Palm	X	2 points/foot of height	8' x 8'	Treeform

**LARGE EVERGREEN SHRUB
SPECIES LIST**

Shrubs 8 – 12 feet in height - All shrubs in this list are 5.0 point each

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Anise (See Illicium)				
<i>Azalea sp.</i> Southern Indica Azaleas; Duc de Roham duchess of Cyprus Fielder's White Formosa George L. Tabor Mrs. GG Gerbing Iveryana Judge Soloman Lawrence A. Walker; President Clay Pride of Mobile Pride of Summerville Red Formosa Salmon Soloman Southern Charm	PS	WD		Shade in summer and in afternoon; acid soil; orange red; salmon-blush with reddish blotch white with chartreuse blotch; magenta orchid with magenta blotch; white; white with red flecks; watermelon pink; salmon; cherry red with magenta blotch; watermelon red; salmon; deep magenta; salmon pink; watermelon pink
Bambusa Multiplex Fernleaf Bamboo	S/Sh	WD		Good for screens; contained clump; fast growing; pest free
Banana Shrub (See Michelia)				
Callistemon lanceolatus Bottlebrush	S	WD	X	Red bloom spike in spring; thorny; pest free; Use as background hedge or screen
Camellia japonica Camellia	PSh	M, WD	X	No wet feet; blooms in fall-winter; tea scale; rich, humousy acid soil
Camellia sasanqua Camellia	PSh	M, WD	X	Same as above
Ceratiola ericoides Rosemary	S	Sandy	X	Native shrub with lavender flowers in early spring; well-drained sandy soil
Cleyera japonica Cleyera	PS/Sh	WD	X	Upright; dark green leaves; pest free
Elaeagnus pungens Elaeagnus	S/Sh	Tol.	X	Rampant grower, needs lots of room; silvery leaves; natural hedge or border; wildlife planting; no pest
Fatsia japonica	Sh	WD	X	Coarse texture; white flowers in fall; blue berries in winter;

				tropical accent; dark green foliage
Feijoa sellowiana Pineapple Guava	S	WD	X	White flower in spring; edible fruit; pest free; good shrub massing or screen
Fortunella japonica Kumquat	S	WD	X	Creamy fragrant flowers; edible fruit
Ilex cornuta Chinese Holly	S/PSh	WD	X	Red or yellow fruit in fall; dark green leaves; scale a problem; specimen or foundation planting
Ilex cornuta "Burfordii" Burford Holly	S/PSh	WD	X	Orange-red berries; rapid dense foliage; scale; specimen or foundation planting
Illicium anisaum Japanese Anise Tree	S/PSh	WD	X	Coarse, aromatic leaves; pest-free; aromatic; specimen or foundation planting
Illicium floridanum Florida Anise Tree	S/PSh	M-WD	X	Moist to wet soil; deep red flowers in spring; ornamental specimen
Illicium parviflorum Star Anise	S/PSh	M	X	Yellow green flowers in June; aromatic leaves; interesting fruit; screen or hedge planting
Leucothoe popilifolia Florida Leucothoe	Sh/PSh	M	X	White pink flowers on old wood; irregular growth
Ligustrum japonicum Japanese Privet	S/PSh	WD	X	Coarse texture; white flowers in spring; fast growth; "Recurvifolium" and variegated form good as screen
Ligustrum japonicum "Rotundifolium" Curlyleaf Ligustrum	S/PSh	WD	X	Dark green foliage; columnar plant; twisted; slow growing, easily pruned into tight spaces
Ligustrum lucidum Waxleaf Privet	S/Sh	WD	X	Coarse textured; useful as screen or hedge; may be pruned into small tree; white flowers, blue fruits
Loropetalum chinense Evergreen	S/PSh	WD	X	Feathery white or pink flowers in spring; irregular

Loropetalim				form; no pests; screen, shrub massing use
Lyonia ferruginea Fetterbush	S/PSH	M		Native; leathery leaves; pink flowers in spring
Lyonia lugustrina Fetterbush	S/PSH	WD		Same as above
Michelia figo Banana Shrub	S/PSH	WD		Banana scented cream flowers in April; fragrant accent or shrub boarder
Myrtus communis True Myrtle	S	WD	X	White flowers in spring; aromatic berries on females; fine textured specimen; hard to establish
Nerium oleander Common Oleander	S	WD	X	Red, pink yellow or white flowers in summer; toxic; specimen; shrub border, hedge or screen use
Photinia x "fraseri" Fraser Photinia	S	WD	X	New leaves red; upright growth for screen, hedge or tree form; problems with disease
Photinia glabra Redtip Photinia	S	WD	X	New leaves red; creamy white summer flowers; fruit in fall; use as hedge; do not plant near red brick; disease
Photinia serrulata Chinese Photinia	S	WD	X	New leaves coppery red; flowers in spring; red summer fruit; use as specimen for large area
Pineapple Guave (See Feijoa)				
Pittosporum tobira Pittosporum	S/PSH	WD	X	Interesting branch habit; variegated form; fragrant spring flowers; accent plant, shrub massing or hedge
Pyracantha koidzumi Formosa Firethorn	S/PSH	WD	X	Bright red fall, winter fruit; specimen, screen border; watch for scale; Cultivars; "San Jose" spreading; "Santa Cruz" in prostrate

				form; “Low Dense” is mounding; “Victory” has showy dark red berries
Raphiolepis umbellate “Majestic Beauty” Indian Hawthorne	S/PSh	WD	X Tol.	Fragrant pink or white flowers in spring; slow growing; salt tolerant; specimen; foundation planting
Ternstroemia gymnanthera Cleyera	PSh	WD	Tol.	White flowers; red fruit in late summer; often confused with Cleyera japonica
Viburnum macrophyllum Viburnum	S/Sh		WD	Large dark green leaves; upright; shrub borders, hedge use; may be damaged in extreme cold
Viburnum odoratissimum Sweet Viburnum	S/PSh	WD	X	Large glossy leaves; white flowers; red-black fruit
Viburnum suspensum Viburnum	S/PSh	WD	X	Dark green foliage, pest free; shrub border or foundation planting; may be damaged by extreme cold
Viburnum tinus Laurus tinus	S/PSh	WD	X, M	White to pink flowers in winter; upright; border or screen; may be damaged by extreme cold – use in protected areas
Yucca aloifolia Spanish Bayonet	S/PSh		X	White flowers in summer; pest free; spiny leaves; specimen or protective screen use

SHRUB SPECIES LIST (LARGE, DECIDUOUS)

Shrubs 8 – 12 feet in height - All shrubs in this table are 2.5 points each.

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Althea (see Hibiscus)				
Baccharis halimifolia S Groundsel Bush/Salt Myrtle		Tol.	X	Native to salt marshes and dry uplands; showy white flowers in

				fall; natural borders; salt tolerance
Cassia splendida Cassia	Sun	WD	X	Yellow flowers in fall; may dieback when cold; (Also Cassia corymbosa and others are good for fall color)
Cephalanthus occidentalis Button Bush	Sun	WD	Mod	Cream flowers; irregular form; wet, natural areas
Chimonanthus praecox Wintersweet	S/PSH	WD	X	Fragrant yellow flowers in January; dark green leaves; shrub border use
Deutzia scabra Fuzzy Deutzia	S	WD		White flowers in May; tall and erect; shrub border or specimen; background for other plantings
Exochorda racemosa Pearl Bush	S/PSH	WD	X	White flowers in spring; mass planting use
Forsythia x intermedia Border Forsythia	S	WD	X	Yellow flowers in early spring; good along banks; specimen planting; rapid growth; prune old canes annually; no pests
Hibiscus syriacus S Althea Rose of Sharon	WD			Grown for flowers; white, rose, lavender, pink in summer; use in shrub border; cut back in spring for increased bloom
Hydrangea quercifolia Oak Leaf Hydrangea	PSH	M, WD		Native with coarse oak like leaves; large white flowers in spring; red fall color "Snow Queen" is upright cultivar
Hex ambigua Carolina Holly	S/PSH	WD		Translucent red fruit; not common in nurseries
Kolkwitzia amabilis Beautybush	S	WD	X	Pink flowers in spring; prune regularly to maintain shape; shrub border use; pest free
Rhododendron	PSH	WD		Early flowering;

alabamense Alabama Azalea				fragrant white with gold flowers;
Rhododendron arborescens Sweet Azalea	PSh	WD		Mid to late flowering; fragrant white flowers
Rhododendron atlanticum Florida Azaleas	PSh	WD	M	Fragrant gold flowers
Rhododendron canascens Piedmont or Florisa Pinxter	PSh	WD	M	Fragrant early pink flowers; native; to 8' height and width
Rhododendron prunifolium Plumleaf Azalea	PSh	WD	M	Very later orange red flowers
Rhododendron serrulatum Hammock Sweet Azalea	PSh	WD	M	Later fragrant white flowers
Rhododendron speciosum Oconee Azalea				
Rhododendron viscosum Swamp Azalea	PSh	M		Mid season; fragrant white flowers
Rosa laevigata Cherokee Rose			X	State Flower; blooms in April
Viburnum nudum Possumhaw Viburnum	S/PSh	Tol		Flossy foliage; colorful fruit and fall foliage
Viburnum prunifolium Blackshaw Viburnum	S/PSh	Tol.	X	Creamy flowers in May; dark green foliage; bronze red fall color; blue fruit in fall; fast growing

SHRUB SPECIES LIST (MEDIUM EVERGREEN)

Shrubs 3 – 8 feet in height - All shrubs in this table are 3.0 points each

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Abelia grandiflora Glossy Abelia hedge	S/Sh	WD		Pink white flowers in June; bronze winter foliage; medium border or background planting; attracts butterflies
Aucuba japonica Japanese Aucuba Gold Dust Plant	Sh	WD		Shade; rapid growth; pest free; coarse texture; cultivars with gold color; variegated
Azalea species	S/PSh	WD		

“Red Ruffle”; “Hino de Girl”; “Snow”; “Coral Bells” etc				
Berberis julianae Wintergreen Barberry	S/PSh	WD		Yellow blooms in spring; blue fruits; bronze/wine red leaves in winter; thorny; good barrier plant or hedge
Cephalotaxus Harringtonia “Drupacea”	PSh/Sh	WD		Drooping branches with dark green foliage; ground cover or foundation planting
Euonymus japonica Evergreen Euonymus	S/Sh	WD		Compact form in sun; variegated leaves in some cultivars; susceptible to scale; pests, disease; limit use
Gardenia jasminoides Cape Jasmine Hedges	S/PSh	WD		Fragrant white flowers in summer; pests; scale, whitefly; borders, specimen planting
Ilex cornuta “Burfordii Nana” Dwarf Burford Holly	S/PSh	WD		Glossy foliage; red fruits; good screen, hedge use
Ilex cornuta ”Carissa” Carissa Holly	S/Sh	WD		Hedge, edging; dense dwarf form
Ilex cornuta “Needlepoint” Needlepoint Chinese Holly	S	WD		Long, narrow twisted leaves; fast growth; dense foliage
Ilex cornuta “Rotunda” Dwarf Chinese Holly	S/Sh	WD		Glossy, spiny foliage; tolerates hot, dry areas; tough plant; no pruning needed
Ilex crenata “Compacta” Roundleaf Holly	S/Sh	WD		Dark green foliage; no fruit; pests; foundation planting
Ilex crenata “Helleri” Heller’s Holly	S/Sh	WD		Low spreading shrub with fine texture; scale; pests
Ilex glabra Inkberry	S/Sh	Tol	X	Broad leaf; upright form; black berry; naturalistic plantings
Ilex vomitoria “Nana” Dwarf Youpon Holly	S/Sh	WD	X	Taller than I. v. “Stokes”; same as above
Ilex vomitoria	S/Sh	WD	X	Smaller than I. v.

“Stokes” Dwarf Schillings Holly				“Nana”; compact shape; no pruning; some pests; drought resistant; fine texture
Leucothos axillaris Coastal Leucothos	Sh/PSh	Acid		White or pink flowers in April; dark foliage; graceful form; mass plantings; acid conditions
Lyobnia lucids Fetterbush	S/PSh		M	Same as above
Jasminum mesnyi Primrose Jasmine	S	WD		Mounding habit; pale yellow, semi double flowers
Juniperus chinensis Juniper	S	WD	X	Silvery blue to gold foliage; rapid growth; horizontal Chinese spreading; pests are a problem; “Armstrong”; “Blue Vase”; “Hetzi”; “Glauca”; “Hills Blues”; “Mint Julep”; “Old Gold”; and “Pfitzeriana” are preferred cultivars
Ligustrum sinense “Variegata” Variegated Chinese Privet	S/Sh	WD		Variegated forms available; weedy growth habit; pests
Mahonia bealei Leatherleaf Mahonia	PSh/Sh	WD		Yellow flowers in March; blue grape like clusters of berries; Holly like leaves; specimen, foundation planting
Mahonia fortunei Chinese Mahonia	PSh/Sh	WD		Dark purple berries; moderate growth rate; specimen
Nandina domestica Heavenly Bamboo	S/PSh	WD		Bamboo like foliage; cut out old canes; reddish foliage in winter; red berries in fall; white flowers in summer
Pittosporum tobira “Wheeler’s Dwarf” Dwarf Pittosporum	S/PSh	WD		Small white fragrant flowers; shiny dark green leaves; dense foliage; cold damage; “Laura” is a variegated form
Pyracantha coccinea Scarlet Firethorn	S	WD		Orange red berries in fall; fast growth; thorns are toxic;

				pest problems; white flowers in spring; espaliers on walls
Raphiolepis indica Indian Hawthorne	S/PSh	WD		White or pink flowers in spring; rounded leaves; shrub borders, foundation plantings
Yucca gloriosa Spanish Dagger	S	WD	X	Greenish white flowers in Sept.; spiny blue green leaves; salt tolerant; barrier, specimen, or accent plants

SHRUB SPECIES LIST (MEDIUM DECIDUOUS)

Shrubs 3 – 8 feet in height - All shrubs in this table are 1.5 points each

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Buddleia alternifolia Butterfly Bush	S	WD	X	Old fashioned plant with sprays of flowers; attracts butterflies
Buddleia davidii Butterfly Bush	S	WD		White, pink, red or purple flowers all summer; accent plant or shrub border; attracts butterflies
Callicarpa Americana color American Beautyberry	S/PSh	WD		Clusters of purple berries arranged around stem; difficult to blend with other plants; naturalistic plantings.
Callicarpa japonicum Japanese Beautyberry	S/PSh	WD		White berried plant with smaller leaves, drooping form; naturalistic borders.

Calycanthus floridus Sweetshrub	S/Sh	WD		Fragrant purple flowers in spring; brown fruit; pest free; shrub border use.
Cassia corymbosa Flowery Senna	S	WD	X	Showy golden flowers in summer-fall; fast growth; pest free; specimen plant; winter dieback possible
Chaenomeles japonica Flowering Quince	S/PSh	WD		White, pink or red flowers in winter-early spring; old fashioned plant
Chaenomeles speciosa Flowering Quince	S/PSh	WD		Red, white, orange or pink flowers in early spring; pest free; color in shrub border; "Nivales" – white; "Cameo" – peach; "Texas Scarlet" – bright red; Old fashioned plant
Clethra alnifolia Sweet Pepperbush	PSh/Sh	M		White flowers in summer; moist soil; pest free; shrub border, naturalized area use; looks good in winter.
Hibiscus mutabilis" Confederate Rose"	S	WD		Large, peony-shaped flower in pink, red, blooms in fall; Dies back to ground in winter, reappears in spring
Hydrangea macrophylla Big Leaf Hydrangea	Sh/PSh	WD		White, pink or blue flower clusters in summer; bare stalks in winter.
Itea virginica Virginia Sweetspire	S/PSh	M		White flowers; moist soil; good red fall color; mass plantings; 'Henry's Garnet' has excellent color
Kerria japonica Japanese Kerria	S/PSh	WD		Yellow flowers in spring; few pests; specimen or border plant; good against walls or fences
Lantana camara Lantana	S	Tol	X	Blooms from spring to fall; rapid growth; color.
Lonicera fragrantissima Winter Honeysuckle	S	WD		Tiny white fragrant flowers in winter; no pests; specimen

Spiraea prunifolia 'Plena' Bridalwreath Spiraea	S/Sh	WD		White flower sprays in spring; rapid growth; informal use
Spiraea thunbergii Baby's Breath Spiraea	S/PSh	WD		White flowers in January-February; informal plantings
Spiraea vanhouttei Vanhoutte Spiraea	S/Sh	WD		White flowers in April; graceful specimen or border planting.
Tetrapanax papyriferus Rice Paper Plant	PSh	WD		Large, coarse leaves; greenish flowers in fall; winterkill; accent or specimen plant; suckers from roots
Vaccinium ashei Rabbiteye Blueberry	S	WD		Large, edible fruit; white bellshaped flowers in May; organic acid soil; shrub border or specimen
V. corymbosum				
V. stamineum				Purple fruit Deerberry

SHRUB SPECIES (SMALL EVERGREEN)

Shrubs to 3 feet in height - All shrubs in this table are 1.0 points each

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Alexandrian-Laurel (See Danae)				
Ardisia crenata Coralberry	Sh	WD		Autumn red berries; loose upright form with twisted leaves; seeds itself
Ardisia japonica Japanese Ardisia	Sh	WD		Dark green foliage for ground cover use
Aucuba japonica 'Nana' Dwarf Aucuba	Sh	WD		Scarlet berries on female plants; need males and females for bloom/fruit; no pests; accent or border plant in shade.
Azalea (See also Rhododendron)				
Berberis thunbergii Barberry)	S/PSh	WD		Semi-"evergreen" with reddish foliage; 'Rose Glow' and 'Crimson Pygmy' are good

				cultivars with rosy foliage
Buxus Harlandii Harland Boxwood	S/PSh	WD		Fine texture; low hedge or edging; requires pruning; upright growth
Buxus microphylla 'Japonica' Japanese Littleleaf Box	S/Sh	WD		Dark rich green color; mulch to provide moisture; pests; prune regularly; substitute for regular Boxwood; hedges.
Cephalotaxus Harringtonia 'Prostrata' Plum Yew	Sh/PSh	WD		Dark green foliage, upright; hedges, foundation planting
Conradina canescens Dixie Rosemary	S/PSh	WD	X	Sandy soil; blue-gray leaves; shrub border Coastal dune native; aromatic foliage; endangered.
Cuphea hyssopifolia Mexican Heather	S/PSh	WD	X	White or purple tiny flowers; small leaves; self-seeds; borders, edges.
Danae racemosa Alexandrian Laurel	Sh	WD		Arching stems; dark corners
Daphne odora Winter Daphne	Sh/PSh	WD		Fragrant flowers in February; dark green or variegated leaves; slow growing; fungal problems
Euonymus fortunei' Radicans' Wintercreeper	S/PSh	WD		Climbing shrub or groundcover; Susceptible to scale pests; avoid wet soil; fungal diseases.
Euonymus japonicus Dwarf Japanese Euonymus	S/Sh	Tol		Erect, dense foliage; Susceptible to scale, fungus; edging
Gardenia jasminoides 'Radicans' Dwarf Gardenia	S/PSh	WD		Fragrant white flowers in June ;susceptible to scale, white fly;
Hypericum calycinum St. John's Wort	S/PSh	WD		Reseeds; yellow flowers in late summer-fall; native.
Jasminum floridanum Showy Jasmine	PS/PSh	WD		Glossy leaves; yellow flowers;
Nandina domestica 'Harbour Dwarf' Nandina	S/PSh	WD		Small white flowers; red berries; compact form of nandina; dense mound of foliage; pest free

Nandina domestica 'Atropurpurea Nana' Dwarf Nandina	S/PSh	WD		Red fall color; mounded growth; cupped leaves
Rosmarinus officinalis Rosemary	S/PSh	WD	X	Green fragrant leaves; blue or white flowers; poor soil; lime needed
Ruscus aculeatus Butchers broom	S/Sh	WD	X	Red berries when male and female plants present; tolerates drought and neglect; pest free.
St. John's Wort (See Hypericum)				
Santolina chamaecyparissus Lavender Cotton S		WD		Yellow flowers midsummer; silver- gray foliage; aromatic clumps
Santolina virens Green Santolina	S	WD		Finely textured green leaves; poor sandy soils; borders
Serissa foetida Serissa	S	WD		White flowers in spring-summer; fine texture; sandy soil; pest free; variegated form; massings or accents
Serissa foetida 'Variegata'				See above
Variegated Serissa Skimmia japonica	PSh/Sh	WD		Fragrant white flowers in spring; scarlet berries in fall;
. Japanese Skimmia				need male and female plants; mounded form; moist, rich, acid soil; pest free; foundation and shrub massing
Yucca filamentosa Adam's Needle	S	WD	X	White flowers in summer; stiff blades; barrier, accent plant.

SHRUB SPECIES LIST (SMALL DECIDUOUS)

Shrubs under 3 feet in height - All shrubs on this table are 0.5 points each

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Almond, (See Prunus)				
Deutzia gracilis Slender Deutzia	S/PSh	WD		White flowers in spring; pest resistant; slow growing Accent; shrub massing
Euonymus americanus Strawberry Bush	PSh	WD		Irregular form; native plant good for natural plantings; strawberry-like fruit
Fothergilla gardenii Dwarf Bottlebrush	S/PSh	WD		White fragrant flowers in April-May; yellow fall color; mass plantings or naturalistic settings.
Jasminum nudiflorum Winter Jasmine	S/Sh	WD		January-February bloom with yellow flowers; fountain-like form; pest free; plant on banks, trailing over walls, etc.
Plumbago capensis Plumbago	S	WD	X	Pale blue flowers in summer and fall; profuse bloomer; 'Alba' is white flower
Prunus glandulosa Flowering Almond	S	WD		White or pink flower in spring; accent or specimen plant
Punica granatum 'Nana' Dwarf Pomegranate	S	WD	X	Orange-red flowers in summer; red fruit in fall; salt tolerant hedges, borders or container use.

EVERGREEN GROUND COVER

All plants on this table are .10 points per plant @ 1 gal.

Botanical Name Common Name	Sun	Soil	Drought Tolerant	Comments
Ajuga reptans Bugleweed	S/Sh	M, WD		Deep green to bronze foliage; grows by stolons; Grows 6" high; plant 8-12" apart. Crown rot.
Artemisia abrotanum Southernwood	S	WD	X	Gray-green foliage with feathery texture; prune annually; Grows to 36" or more; space 12-15" apart.
Aspidistra elatior Cast-iron Plant	Sh	Tol		Dark green leaves grow erectly from ground; spreads by stolons; Grows to 24" high; plant 12" apart.
Asplenium platyneuron Ebony Spleenwort	S/Sh			Calcium Small fern with black stems; Grows 6" high; space 12" apart; prefers some calcium in soil and some shade
Chrysogonum virginianum Goldenstar	PSh	WD		Yellow daisy flowers in spring; grow in sandy loam; Grows to 6" high; Space plants 8" apart.
Cyrtomium falcatum Holly Fern	PSh/Sh	M		Dark green foliage; compact clumps; reseeds freely; Grows to 24"; Space plants 3' apart.
Daylily (See Hemerocallis)				
Galium odoratum Sweet Woodruff	Sh	M		Tiny white flowers in spring; delicate whorled leaves; moist acid soil; good with bulbs; Grows 3-4"; Plant 6" apart.
Ginger, Wild (See Hexastylis)				
Hedera canariensis Algerian Ivy	Sh/PSh	WD		Green or variegated ('Canary Cream') leaves; shear

				annually; vigorous; Grows to 18"; Plant 18" apart.
Hedera helix English Ivy	Sh/PSh	WD		Glossy green leaves, some with color; Vigorous; grows to 18" high; Plant 12" apart or less.
Hemerocallis hybrida Daylily	S/PSh	WD		Flowers in red, coral, orange, yellow; bloom spring through September, depending upon variety; Mulch, water and fertilizer required; Grows to 18"; Plant 18-30" apart
Hexastylis arifolium Wild Ginger	Sh/PSh	WD		Small red flower in spring; organic, moist soil; shade Grows to 10"; Plant 12" apart.
Holly Fern (See Cyrtomium)				
Ivy (See Hedera)				
Juniperus conferta Shore Juniper	S	WD	X	Blue-green foliage; sandy soil; salt tolerant; mites; Grows to 16"; Space 3' apart; 'Blue Pacific' is blue-green, low-growing; Compacta' is light green color.
Juniperus horizontalis Creeping Juniper	S	WD	X	Silver blue color; fast-growing; flat trailing habit; heat tolerant; 'Wiltonii' is blue rug juniper.
Juniperus procumbens 'Nana'	S	WD	X	Mounding habit; cascades; Grows to 6"; Space 3' apart
Liriope muscari Big Blue Liriope	S/Sh	WD		Dark green grasslike leaves; Blue or white flower spike in summer; Grows to 12"; Plant 12" apart; 'Big Blue,' 'Evergreen Giant,' 'Monroe White,' 'Webster's Wide Leaf' and 'Silvery Sunspot' are recommended cultivars.
Liriope spicata	Sh/PSh	WD		Dark blue-green

Creeping Lily Turf				grasslike leaves; Violet flower spike in summer; Grows to 10"; Spreads rapidly, not for borders.
Pachysandra terminalis Japanese Pachysandra flower	Sh/PSh	WD		Green or silver-edged leaves for shade; insignificant white Grows to 4"; space 5" apart
Mitchella repens Partridge Berry	Sh	WD		Dark green leaves; red berries; trailing native plant; Grows to 3" high; plant 4" apart
Ophiopogon jaburan Snakebeard	S	WD		Variegated tall grasslike leaves; sun-tolerant
Ophiopogon japonicus Mondo Grass	Sh/PSh	WD		Dark green grasslike leaves; Grows to 6"; space 4-6".
Phlox divaricata Woodland Phlox	S/PSh	WD		Blue flowers in spring; delicate plant; Grows to 8"; Plant 6" apart.
Phlox pilosa Downy Phlox	S/PSh	WD		Pink, blue or white flowers in spring; Grows to 15"; Plant 6" apart
Phlox stolonifera Creeping Phlox	SP/Sh	WD		White, blue or pink flowers in spring; plant with bulbs; Grows to 12"; plant 6" apart
Phlox subulata Moss Phlox	S/PSh	WD		Violet, blue or white flowers in spring; crown rot; Grows to 6"; plant 4" apart
Polystichum acrostichoides Christmas Fern	Sh/PSh	WD, M		Evergreen, lacy foliage; Grows to 3'; Plant 12" apart
Trachelospermum asiaticum Japanese Star Jasmine	Sh/PSh	WD		Creamy white flowers in late spring, fragrant; dark green foliage; grows to 12"; plant 3' apart.
Vinca major Bigleaf Periwinkle	Sh/PSh	WD		Blue flowers in spring; larger leaves than V. minor; Vigorous; Grows to 12"; plant 12" apart
Vinca minor Common Periwinkle	Sh/PSh	WD		Blue flowers in spring; not as heat tolerant or vigorous as V. major; Grows to 8"; plant 8" apart.

