

TREE, SHRUB AND GROUND COVER LISTS FOR QUALITY POINTS

- TABLE 17: Large Canopy Trees for Tree Quality Points
- TABLE 18: Medium Canopy Tree Species for Tree Quality Points
- TABLE 19: Small Canopy Tree Species for Landscape Quality Points
- TABLE 20: Palm-Type and Cycad Tree and Shrub List for Landscape Quality Points
- TABLE 21: Large Evergreen Shrubs for Landscape Quality Points
- TABLE 22: Large Deciduous Shrubs for Landscape Quality Points
- TABLE 23: Medium Evergreen Shrubs for Landscape Quality Points
- TABLE 24: Medium Deciduous Shrubs for Landscape Quality Points
- TABLE 25: Small Evergreen Shrubs for Landscape Quality Points
- TABLE 26: Small Deciduous Shrubs for Landscape Quality Points
- TABLE 27: Evergreen Ground Cover for Landscape Quality Points

TABLE 6**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 Maple	X	90	1.5	Yellow fall color Native; Good for Parking Areas
Acer rubrum Red Maple	X ,M	90	1.5	Cvs. 'Summer Red,' 'Red Sunset'; Native
Carya aquatica Water Hickory	M	R/O	1.5	Large Taproot; Native
Carya cordiformis Bitternut Hickory	X	R/O	1.5	Large Taproot; Native
Carya glabra Pignut Hickory	X	R/O	1.5	Large Taproot; Native
Carya illinoensis Pecan	X	40	.50	Edible Nuts; Weak wooded; Native
Carya pallida Sand Hickory	X	R/O	1.5	Large Taproot; Native
Carya tomentosa Mockernut Hickory	X	R/O	1.5	Large Taproot; Native
Carya myristicaeformis Nutmeg Hickory	M	R/O	1.5	Large Taproot; 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 Sugarberry	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

LARGE CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerance	Planting Points	Retention Factor	Notes:
x Cupressocyparis leylandii Leyland Cypress	X	15	.50	Susceptible to cankers
Cupressus sempervirens Italian Cypress		15	.50	Columnar tree; Evergreen; Slow-growing
Fagus grandifolia American Beech		90	1.5	Gray bark; Plant smaller tree
Fraxinus pennsylvanica Green Ash	M	90	1.5	cv. 'Marshall's Seedless'
Ginkgo biloba Maidenhair Tree	X	90	1.5	Pollution tolerant; Yellow fall lvs; 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	X	90	1.5	Evergreen; long-lived; Salt-tolerant
Liquidambar styraciflua Sweetgum	X	15	.50	Weak wooded when old; Messy Fruit
Liriodendron tulipifera Tulip Poplar 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: 'Bracken's Brown Beauty,' 'Claudia Wanamaker,' 'D.D. Blanchard'
Metasequoia glyptostroboides Dawn Redwood	X	40	.75	Medium-growing; Late introduction
Morus rubra Red Mulberry	X	R/O	.50	Messy fruit; weak wood; Historical significance (silk)
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

LARGE CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerance	Planting Points	Retention Factor	Notes:
Pinus elliottii Slash Pine	X	15	.75	Evergreen; Stately tree
Pinus glabra Spruce Pine		40	1.00	Nice form/foliage; Evergreen
Pinus palustris Longleaf Pine	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
Platanus x acerifolia London Planetree		90	1.5	Large tree; Coarse texture
Platanus occidentalis American Sycamore	M	90	1.5	Exfoliating bark; Deciduous
Populus alba White Poplar	M	R/O	.50	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; Strong-wooded
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

LARGE CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerance	Planting Points	Retention Factor	Notes:
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 ascendens 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 conditions
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

TABLE 7**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- Tolerant	PlantingQuality Points	Points (Retain)	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; females produce berries Needs male pollinator
Juniperus salicicola Southern Red Cedar		30	1.5	Evergreen

MEDIUM CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerance	Planting Points	Retention Factor	Notes:
Koelreuteria bipinnata Bougainvillea 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 Ogeechee Lime	M	30	1.5	Moist soil; Native Riverbanks of Ogeechee
Ostrya virginiana Eastern Hophornbeam		30	1.5	Native
Oxydendrum arboreum Sourwood	X	30	1.5	Crimson-red lvs 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
Prunus caroliniana Carolina Cherry Laurel	X	15	.75	Evergreen; reseeds readily, May become invasive
Prunus yedoensis around Yoshino Cherry		30	.75	White flowering planted 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

TABLE 8**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- Tolerant	PlantingQuality Points	Notes: Points (Retain)
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 Hybrid Eastern Redbud	X	10	1.5 'Texensis' and 'Alba' = White flowers 'Forest Pansy' has burgundy leaves
Cercis chinensis Chinese Redbud	X	10	1.5 Pink flowers Sometimes available
Cercis reniformis 'Oklahoma' Oklahoma Redbud	X	10	1.5 Wine-red flowers Glossy leaves; available
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 Kousa 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 Edible fruit, may be messy; Evergreen; fireblight 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' East Palatka Holly	X	10	1.5 Evergreen foliage; provide male and female plants for berries

SMALL CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerant	PlantingQuality Points	Notes: Points (Retain)
Ilex x attenuata 'Fosteri' Foster Holly	X	10	1.5 Good for narrow spaces; same comments as above.
Ilex x attenuata 'Savannah' Savannah Holly	X	10	1.5 Same as for East Palatka
Ilex cassine Dahoon Holly		5	1.5 Transparent red fruits on female plants; Evergreen
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 Myrtle-leaf Holly		5	.75 Same as above
Ilex x 'Nellie R. Stevens' Nellie R. Stevens Holly		10	.75 One male needed w/females for fruit
Ilex vomitoria Yaupon Holly	X	10	1.5 Evergreen; Red fruits on female plants
Ilex vomitoria 'Pendula' Weeping Yaupon Holly	X	10	1.5 Same as above
Juniperus chinensis 'Torulosa' Hollywood Juniper	X	5	.75 Interesting form
Juniperus virginiana 'Burkii' Red Cedar	X	10	1.5 Evergreen; vertical accent
Lagerstroemia indica 'Cherokee,' 'Muskogee,' 'Natchez,' 'Tuscarora,' etc.	X	10	1.5 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 frosts; deciduous
Magnolia stellata Star Magnolia	X	5	.75 White, starlike flowers, often burned by frosts; 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

SMALL CANOPY TREES, Continued

Botanical Name Common Name	Drought- Tolerant	Planting Quality Points	Quality Points (Retain)	Notes:
Osmanthus americanus Devil Wood		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 October -January; 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 green color
Prunus angustifolia Chickasaw Plum	X	R/O	.50	Native
Prunus campanulata Taiwan Cherry		10	.75	Dark pink flowers in February
Prunus cerasifera 'Atropurpurea' X Purple-leafed Plum		10	.75	Purple leaves; white-pink flowers
Prunus cerasifera 'Newport' X 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 umbellata Hog Plum		R/O	.50	Native
Vaccinium arboreum 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

TABLE 9**PALM-TYPE and CYCAD TREE AND SHRUB LIST (Note: All palm LQP are based on height, not DBH)**

Botanical Name Common Name	Drought- Tolerant	Planting/Retention Points	Minimum Space	Notes:
Butia capitata Jelly or Pindo Palm	X	2 points/foot of height	8' x 8'	Treeform
Chamaerops humilis European Fan Palm	X	2 pts/foot of height	8' x 8'	Treeform
Cycas revoluta Sago Cycas	X	2 pts/foot of height	4' x 4'	Shrublike/ Small tree
Phoenix canariensis Canary Date Palm	X	2 pts/foot of height	8' x 8'	Treeform
Rapidophyllum histrix Needle Palm	M	2 pts/ft of height	8' x 8'	Shrubform; rare native
Sabal etonia Scrub Palmetto		3.0 new/ 1.5 retained		Shrublike; native
Sabal minor Dwarf Palmetto	M	3.0 new/ 1.5 retained		Shrublike; native
Sabal palmetto Cabbage Palmetto	X	2 pts/foot of height	8' x 8'	Treeform; native
Serenoa repens Saw Palmetto	X	5.0 new/ 1.5 retained		Shrublike; native
Trachycarpus fortunei Fortune's Windmill Palm	X	2 pts/foot of height	8' x 8'	Treeform
Washingtonia robusta Washington Palm	X	2 pts/foot of height	8' x 8'	Treeform

TABLE 10

LARGE EVERGREEN SHRUB SPECIES LIST

Shrubs 8-12 feet in height

All shrubs on this table are 5.0 points each

Botanical Name Common Name	Sun	Soil	Drought- Tolerant	Comments
<i>Anise (See Illicium)</i>				
<i>Azalea sp.</i> Southern Indica Azaleas: Duc de Rohan Duchess of Cyprus Fielder's White Formosa George L. Tabor Mrs. G.G. Gerbing Iveryana Judge Solomon 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
<i>Banana Shrub (See Michelia)</i>				
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 lvs; Natural hedge or border; wildlife plantings; no pest
Fatsia japonica Japanese Fatsia	Sh	WD	X	Coarse texture; white flowers in fall; blue berries in winter; tropical accent; dark green foliage.

LARGE EVERGREEN SHRUB LIST, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
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 hedge planting
Illicium anisatum Japanese Anise Tree	S/PSh	WD	X	Coarse, aromatic leaves; pest-free Upright; 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 populifolia 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 Loropetalum	S-PSh	WD	X	Feathery white or pink flowers in spring; irregular form; no pests; screen, shrub massing use.
Lyonia ferruginea Fetterbush	S-PSh	M		Native; leathery leaves; pink flowers in spring
Lyonia ligustrina Fetterbush	S-PSh	M		Same as above
Michelia figo Banana Shrub	S-Psh	WD		Banana-scented cream flowers in April; Fragrant accent or shrub border.

LARGE EVERGREEN SHRUB LIST, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
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; red 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; rapid growth; use as specimen for large area.
Pineapple Guava (See Feijoa)				
Pittosporum tobira Pittosporum	S-PSH	WD	X	Interesting branching 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' is prostrate form, 'Low Dense' is mounding, 'Victory' has showy dark-red berries.
Raphiolepis umbellata 'Majestic Beauty' Indian Hawthorn	WD 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 by extreme cold.
Viburnum odoratissimum Sweet Viburnum	S-PSH	WD	X	Large, glossy leaves; white flowers; red-black fruit
Viburnum suspensum Sandankwa 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.

TABLE 11

SHRUB SPECIES LIST (LARGE, DECIDUOUS)

Shrubs 8-12 feet in height

All shrubs on this table are 2.5 points each

Common Name Botanical Name	Sun	Soil	Drought	Comments
Althea (See Hibiscus)				
Baccharis halimifolia Groundsel Bush/Salt Myrtle	S	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	M	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 Pearlbush	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.
Ilex 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.
Lindera benzoin Spicebush	S-Sh	M-WD	M	Yellow flowers in early spring; yellow fall color; irregular form; shrub border or naturalistic setting.
Philadelphus coronarius Mock Orange	S	WD		Fragrant (orange blossom aroma) white flowers in spring; shrub border; irregular, rangy growth habit.

LARGE DECIDUOUS SHRUBS, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
Rhododendron alabamense PSh Alabama Azalea		WD		Early flowering; fragrant white with gold flowers
Rhododendron arborescens PSh Sweet Azalea		WD		Mid to late flowering; fragrant white flowers
Rhododendron atlanticum PSh Coastal Azalea		WD-M		Early, fragrant white flowers; stoloniferous
Rhododendron austrinum PSh Florida Azalea		WD		Early, fragrant gold flowers
Rhododendron canascens PSh Piedmont or Florida Pinxter		WD-M		Fragrant, early pink flowers; Native; to 8' in ht. and width
Rhododendron prunifolium PSh Plumleaf Azalea		WD-M		Very late orange-red flowers
Rhododendron serrulatum PSh Hammock-sweet Azalea		WD-M		Late fragrant white flowers
Rhododendron speciosum Oconee Azalea				
Rhododendron viscosum PSh Swamp Azalea	PSh	M		Mid season; fragrant, white flowers
Rosa laevigata Cherokee Rose			X	State Flower; white blooms in April
Viburnum nudum S-PSh Possumhaw Viburnum	Tol.			Flossy foliage; colorful fruit and fall foliage
Viburnum prunifolium Blackhaw Viburnum	S-PSh	Tol.	X	Creamy flowers in May; dark green foliage; bronze red fall color; blue fruit in fall; fast growing;

TABLE 12

SHRUB SPECIES LIST (MEDIUM EVERGREEN)
Shrubs 3-8 feet in height
All shrubs in table are 3.0 points each

Botanical Name Common Name	Sun	Soil	Drought	Comments
Abelia grandiflora Glossy Abelia	S-Sh	WD		Pink-white flowers in June; bronze winter foliage; medium hedge, border or background planting; attracts butterflies.
Aucuba japonica Japanese Aucuba	Sh	WD		Shade; rapid growth; pest-free; coarse texture; variegated cultivars with gold color: Gold Dust Plant
Azalea species	Sh-PSH	WD		Many cultivars: 'Red Ruffle,' 'Hino de Giri,' 'Snow,' 'Coral Bells,' etc.
Berberis julianae Wintergreen Barberry	S-PSH	WD		Yellow bloom in spring; blue fruits; bronze/wine red leaves in winter; thorny; good barrier plant or hedge.
Cephalotaxus Harringtonia 'Drupacea'		WD	PSH-Sh	Drooping branches with dark green foliage; ground cover or foundation planting
Euonymus japonicus Evergreen Euonymus	S-Sh	WD		Compact form in sun; variegated leaves in some cultivars Susceptible to scale, pests, diseases; limit use.
Gardenia jasminoides Cape Jasmine	S-PSH	WD		Fragrant white flowers in summer; Pests: scale, whitefly; Hedges, borders, specimen planting
Ilex cornuta 'Burfordii Nana' Dwarf Burford Holly		WD	S-PSH	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		WD	S	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 plantings
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 Yaupon Holly	S-Sh	WD	X	Taller than I. v. 'Stokes'; same as above.

MEDIUM EVERGREEN SHRUBS, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
Ilex vomitoria 'Stokes' Dwarf Schillings Holly	S-Sh	WD	X	Smaller than I. v. 'Nana'; compact shape; no pruning; some pests; drought resistant; fine texture.
Leucothoe axillaris Coastal Leucothoe	Sh-PSh	Acid		White or pink flowers in April; dark foliage; graceful form; mass plantings; acid conditions.
Lyonia lucida Fetterbush	S-PSh		M	Same as above
Jasminum mesnyi Primrose Jasmine	S-PS	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 Blue' '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 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 Hawthorn	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 September; spiny blue-green leaves; salt tolerant; barrier, specimen or accent plant.

TABLE 13

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	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 American Beautyberry	S-PSh	WD		Clusters of purple berries arranged around stem; color 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 Sweetpire	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

MEDIUM DECIDUOUS SHRUBS, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
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 Deerberry				Purple fruit

TABLE 14

SHRUB SPECIES LIST (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	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		WD Sh-Psh		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;

SMALL EVERGREEN SHRUBS, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
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' 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' Variegated Serissa				See above
Skimmia japonica Japanese Skimmia	PSh-Sh	WD		Fragrant white flowers in spring; scarlet berries in fall; 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.

TABLE 15

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	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.

TABLE 16

EVERGREEN GROUND COVER

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

Botanical Name Common Name	Sun	Soil	Drought	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 Sh Cast-iron Plant	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.
<u>Daylily (See Hemerocallis)</u>				
Galium odoratum Sh Sweet Woodruff	M			Tiny white flowers in spring; delicate whorled leaves; moist acid soil; good with bulbs; Grows 3-4"; Plant 6" apart.
<u>Ginger, Wild (See Hexastylis)</u>				
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.
<u>Holly Fern (See Cyrtomium)</u>				
<u>Ivy (See Hedera)</u>				
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.

Evergreen Ground Cover, Continued

Botanical Name Common Name	Sun	Soil	Drought	Comments
<i>Juniperus horizontalis</i> Creeping Juniper	S	WD	X	Silver blue color; fast-growing; flat trailing habit; heat tolerant; 'Wiltonii' is blue rug juniper.
<i>Juniperus procumbens</i> 'Nana' S		WD	X	Mounding habit; cascades; Grows to 6"; Space 3' apart.
<i>Liriope muscari</i> 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.
<i>Liriope spicata</i> Creeping Lily Turf	Sh-PSh	WD		Dark blue-green grasslike leaves; Violet flower spike in summer; Grows to 10"; Spreads rapidly, not for borders.
<i>Pachysandra terminalis</i> Japanese Pachysandra	Sh-PSh	WD		Green or silver-edged leaves for shade; insignificant white flower; Grows to 4"; space 5" apart.
<i>Mitchella repens</i> Partridge Berry	Sh	WD		Dark green leaves; red berries; trailing native plant; Grows to 3" high; plant 4" apart.
<i>Ophiopogon jaburan</i> Snakebeard	S	WD		Variegated tall grasslike leaves; sun-tolerant;
<i>Ophiopogon japonicus</i> Mondo Grass	Sh-PSh	WD		Dark green grasslike leaves; Grows to 6"; space 4-6".
<i>Phlox divaricata</i> Woodland Phlox	S-PSh	WD		Blue flowers in spring; delicate plant; Grows to 8"; Plant 6" apart.
<i>Phlox pilosa</i> Downy Phlox	S-PSh	WD		Pink, blue or white flowers in spring; Grows to 15"; Plant 6" apart.
<i>Phlox stolonifera</i> Creeping Phlox	S-PSh	WD		White, blue or pink flowers in spring; plant with bulbs; Grows to 12"; plant 6" apart.
<i>Phlox subulata</i> Moss Phlox	S-PSh	WD		Violet, blue or white flowers in spring; crown rot; Grows to 6"; plant 4" apart.
<i>Polystichum acrostichoides</i> Christmas Fern		WD-M Sh-PSh		Evergreen, lacy foliage; Grows to 3'; Plant 12" apart.
<i>Trachelospermum asiaticum</i> Japanese Star Jasmine		WD Sh-PSh		Creamy white flowers in late spring, fragrant; dark green foliage; grows to 12"; plant 3' apart.
<i>Vinca major</i> Bigleaf Periwinkle	Sh-PSh	WD		Blue flowers in spring; larger leaves than <i>V. minor</i> ; Vigorous; Grows to 12"; plant 12" apart.
<i>Vinca minor</i> Common Periwinkle	Sh-PSh	WD		Blue flowers in spring; not as heat tolerant or vigorous as <i>V. major</i> ; Grows to 8"; plant 8" apart.