

LARGE TREES	TREE TYPE	AT MATURITY*		GROWTH RATE	SITE CONDITIONS	BENEFITS	POSSIBLE PROBLEMS	REMARKS
		HEIGHT	SPREAD					
<i>Acer rubrum</i> RED MAPLE	deciduous shade	40-60'	30-50'	fast	adaptable	spring flowers, fall colors	leaf hoppers, borers	Many cultivars with brilliant fall color. Does not tolerate heavy pollution. Shade tolerant.
<i>Acer saccharum</i> SUGAR MAPLE	deciduous shade	60-75'	40-60'	moderate	well-drained slightly moist	fall color	leaf scorch	Beautiful fall color. Resists heat. Shade tolerant. Cultivars: "Green Mountain," "Legacy"
<i>Betula nigra</i> RIVER BIRCH	deciduous	40-70'	40-60'	fast	moist preferred, but widely adaptable	handsome form and bark	leaf spot	Multi- or single-stem. Handsome bark. Heritage' excellent selection
<i>Carpinus caroliniana</i> HORNBEAM, IRONWOOD	deciduous shade	20-50'	30-50'	slow to moderate	rich, moist, slightly acid; adaptable	fall color, smooth bark	canker, leaf spot	Very adaptable smaller shade tree. Unique smooth sinewy trunk. Shade tolerant.
<i>Cedrus deodara</i> DEODAR CEDAR	evergreen	40-70'	50-90'	moderate	well-drained, somewhat dry	foliage texture and color	cold damage, top dieback	Excellent graceful specimen with soft blue-green color
<i>Cercidiphyllum japonicum</i> KATSURA TREE	deciduous shade	40-60'	30-60'	moderate	rich, moist well-drained; full sun	beautiful foliage, spring and fall	non serious, sun scale	Extremely handsome, but underused. Beautiful spring foliage.
<i>Cladrosia kentukea</i> YELLOWWOOD	deciduous shade	30-50'	40-55'	moderate	well-drained: full sun	fragrant spring flowers, bright foliage	very few	Beautiful fragrant flowers on older trees. Slow to develop strong form. Underused.
<i>Cryptomeria japonica</i> JAPANESE CEDAR	evergreen	50-60'	20-30'	moderate	rich, moist, acid; full-sun	soft texture, beautiful bark	leaf blight, branch dieback	Graceful, stately specimen. Excellent screen.
<i>Fagus grandiflora</i> AMERICAN BEECH	deciduous shade	50-70'	50-70'	slow	moist, well-drained, acid	handsome form, bark, fall foliage	none serious, surface roots	Beautiful and grand native for large area. Shallow roots inhibit grass.
<i>Fraxinus pennsylvanica</i> GREEN ASH	deciduous shade	50-60'	25-35'	fast	very adaptable, full sun	adaptability	borers, scale	Plant cultivars to prevent reseeding. Easily transplanted: variable growth habit.
<i>Ginkgo biloba</i> GINKGO TREE	deciduous shade	50-80'	30-60'	moderate	adaptable, full sun	unique foliage, rich yellow fall color	none serious	Gangly when young, spectacular when mature. Bright golden fall color. Plant male only!
<i>Gymnocladus dioica</i> KENTUCKY COFFEE TREE	deciduous shade	60-75'	40-50'	slow to moderate	adaptable	bold form and unique form	none serious	Interesting tree for large area. Bold winter habit and handsome bark. Pods persistent through winter.
<i>Liquidambar s. rotundiloba</i> SWEETGUM (fruitless)	deciduous shade	60-75'	40-50'	moderate	adaptable, needs large root zone	rich fall color	numerous pests when under stress	Fruitless variety, but some reversion possible. Rich fall color.
<i>Liriodendron tulipifera</i> TULIP POPLAR	deciduous shade	70-90'	35-50'	fast	moist, well-drained loamy, full sun	beautiful spring flowers, fall foliage	numerous when poorly sited	Majestic tree only for large sites. Needs well-drained, loamy soil to stay healthy.
<i>Magnolia grandiflora</i> SOUTHERN MAGNOLIA	evergreen	60-80'	30-50'	moderate	rich, well-drained shade tolerate	beautiful fragrant flowers, handsome leaf	messy leaves, surface roots	Formal specimen, as screen, or large hedge. Use cultivars: "Little Gem," "Margaret Davis," etc.
<i>Metasequoia glyptostroboides</i> DAWN REDWOOD	deciduous	70-100'	24-45'	fast	moist, well drained, slightly acid	bright green, fine-textured leaves	none serious, Japanese beetles	Tall but somewhat narrow; makes effective screen.
<i>Nyssa sylvatica</i> BLACK GUM	deciduous	30-50'	20-30'	moderate	moist, well-drained acid	striking fall color	none serious	Beautiful native tree but hard to find in nurseries. Striking early fall color.
<i>Pinus taeda</i> LOBLOLLY PINE	evergreen	40-60'	20-30'	fast	adaptable to poorly drained, acid soil	good fast screen, adaptability	pine beetles	Fast screen when young, higher canopy with age. Beetles not frequent in landscape setting.
<i>Quercus alba</i> WHITE OAK	deciduous shade	50-80'	50-90'	slow	deep, moist, well-drained, acid	statelyness, fall color	numerous, but tree is survivor	Probably most majestic of trees. Slow growth, transplant problems make plantings rare.
<i>Quercus coccinea</i> SCARLET OAK	deciduous shade	70-75'	40-50'	moderate	adaptable	excellent glossy foliage, fall color	none serious	Excellent foliage, attractive form makes this oak increasingly popular.
<i>Quercus phellos</i> WILLOW OAK	deciduous shade	40-60'	30-60'	moderate	adaptable	good form, fine texture	none serious	Highly adaptable and obtainable oak. Perhaps becoming overused.
<i>Quercus shumardii</i> SHUMARD OAK	deciduous shade	40-60'	40-60'	moderate	adaptable	reliability, fall color	none serious	Reliable and adaptable. Becoming more available in the trade.
<i>Sophora japonica</i> PAGODA/SCHOLAR TREE	deciduous shade	50-75'	50-75'	fast	loamy, well-drained	fragrant showy flowers	canker, cold damage when young	Some disease and hardiness problems when young. Otherwise good urban tree
<i>Taxodium distichum</i> BALD CYPRESS	deciduous	50-70'	20-30'	moderate	adaptable, full sun	fine texture, attractive bark	twig blight, cypress moth, mites	Stately tree with finer texture than most. Looks at home near water but quite adaptable to most cities.
<i>Tilia cordata</i> LITTLELEAF LINDEN	deciduous shade	60-70'	40-60'	moderate	moist, well-drained, fertile	good foliage, fall color, pollution tolerant	scale, linden mite, aphids, J. beetles	Handsome tree for large sites. Not as adaptable in warm climates.
<i>Tsuga canadensis</i> CANADIAN HEMLOCK	evergreen	40-70'	25-35'	moderate	moist, well-drained acid, sun or shade	fine texture; hedge, screen, groupings	numerous if not properly located	Excellent for naturalizing, screening, or large hedge. Reliable if given proper cultural care and not allowed to dry.
<i>Ulmus parviflora</i> LACEBARK ELM	deciduous shade	40-50'	40-50'	moderate	adaptable	med. fine texture, beautiful mottled bark	none serious	Tough and durable for urban sites. Easily grown and transplanted. Med. fine texture.
<i>Zelkova serrata</i> JAPANESE ZELKOVA	deciduous shade	50-80'	50-80'	moderate	moist, well-drained sun	good foliage, fall color, vase shape	none serious	Handsome tree with good foliage and vase shape. "Village Green" good selection.

## LARGE TREES

- Create green spaces in the community.
- Establish a unifying element in a streetscape or corridor.
- Soften architectural elements.
- Provide taller buffers between incompatible land uses.
- Mitigate urban micro-climates by providing shade and windbreaks and by filtering sound and pollution.
- Reduce soil erosion and excess storm water run-off.
- Contribute a living legacy to the community.

SHRUBS	TREE TYPE	AT MATURITY* HEIGHT	SPREAD	GROWTH RATE	SITE CONDITIONS	BENEFITS	POSSIBLE PROBLEMS	REMARKS
<i>Abelia grandiflora</i> GLOSSY ABELIA	evergreen sm. med.	3-6'	3-6'	moderate to fast	easily grown, sun, moist, well-drained	flowers June-frost	none serious	For mass or hedge. 'Sherwood' more dense and compact; x 'Edward Goucher' darker pink flowers.
<i>Aronia arbutifolia</i> RED CHOKEBERRY	deciduous medium	6-10'	4-6'	moderate	adaptable, sun, pt. Shade	spring flowers, fall color, red "berries"	none serious, leaf spot, powdery mold	Border, massing, groups, naturalizing; brilliant fruit. 'Brilliantissima' superior cultivar.
<i>Berberis julianae</i> WINTERGREEN BARBERRY	evergreen medium	6-10'	6-10'	moderate	adaptable, sun	yellow spring flowers, fall color, fruit	thorns	Impenetrable hedge. improper pruning can ruin form: 'nana' and 'Glory' good but hard to find cultivars.
<i>Berberis thunbergii</i> JAPANESE BARBERRY	deciduous sm. med.	3-6'	4-7'	moderate	adaptable, sun, not too wet	leaf colors, winter fruit	numerous possible but not prevalent	Many cultivars. 'Crimson Pigmy' & 'Rose Glow' have burgundy foliage; 'Jaurea' bright yellow-green foliage.
<i>Buddleia davidii</i> BUTTERFLY BUSH	deciduous med. large	5-15'	8-12'	fast	adaptable, sun, not too wet	foliage color, profuse summer blooms	none serious	Many cultivars with varied size, foliage, bloom color: 'Black Knight,' 'Dubonnet,' 'Nanho,' 'Petite Plum,' etc.
<i>Callicarpa dictoma</i> PURPLE BEAUTYBERRY	deciduous sm. med.	3-5'	4-6'	moderate	adaptable, well- drained, sun/pt. sh	graceful form, spectac- ular fall berries	none serious	Used in mass. few can compete with effect of this shrub in fruit. Purple and white fruiting types available.
<i>Camellia japonica, C. sasanqua</i> CAMELLIA	evergreen med. large	10-15' 6-10'	6-10' 5-8'	slow to moderate	moist, well-drained, organic, part shade	handsome foliage, fall winter or spring bloom	many w/o proper cultural conditions	Many cultivars; select for cold-hardiness, bloom time & color. For accent, screening, espalier.
<i>Chamaecyparis pisifera</i> cultivar JAPANESE FALSECYPRESS	evergreen med. large	4-15' size varies w/cultivar	4-10' size varies w/cultivar	moderate	moist, well-drained, humid, sun	fine texture, foliage color in cultivars	leaf scorch, none serious	Accent or specimen conifer. Cultivates with gold or bluish leaf: 'Filifera,' 'Filifera Aurea,' 'Gold Mop,' 'Boulevard.'
<i>Clethra alnifolia</i> SUMMERSWEET CLETHRA	deciduous medium	3-8'	4-5'	moderate	acid, organic, toler- ates wet, sun/sh.	Summer blooms very fragrant, fall color	none	Underused plant for massing, naturalizing. Extremely fragrant in bloom. Tolerates wet, shady sites.
<i>Bonnyonius alatus</i> WINGED EUONYMUS	deciduous large, med.	15-20' 5-10' (compact form)	15-20'	moderate	adaptable, not too wet, sun/shade	form, fall color, fruit, winter stems	none serious	Excellent as specimen, massing, screening. Brilliant fall color. 'Compactus' most commonly used ('Burning Bush').
<i>Forsythia x intermedia</i> BORDER FORSYTHIA	deciduous med. large	8-12'	10-12'	fast	adaptable, sun/ pt. shade	early spring flowers	several but not par- ticularly serious	Shrub border, massing, groups, bank plantings. Needs plenty of space to limit pruning. Cultivars available.
<i>Hammamelis x intermedia</i> WITCH HAZEL HYBRID	deciduous large	10-20'	10-15'	moderate	moist, well- drained, sun/shade	fragrant winter blooms, fall color	none serious	Specimen, groups, shrub border, naturalizing. Underused native shrub with winter interest. Cultivars available.
<i>Hydrangea species</i> HYDRANGEA	deciduous med. large	4-15' size varies w/species	4-15'	fast	moist, well-drained, salt tolerant	large summer blooms, fall color. 'Oak Leaf'	several possible, none prevalent	Accent, groups. All species showy in flower; color varies. 'Oak Leaf' also has good fall color and winter form.
<i>Ilex crenata</i> cultivars JAPANESE HOLLY	evergreen sm. med. lg	4-12' size varies w/cultivar	4-12'	moderate	moist, well-drained, sun, no drought	evergreen leaf, texture	spider mites, black knot, nematodes	Workhorse plants for foundation, hedge, mass. 'Helleri,' 'Compacta,' 'Steeds' most serviceable.
<i>Ilex cornuta</i> cultivars CHINESE HOLLY	evergreen sm. med. lg	5-15' size varies w/cultivar	4-15'	moderate	adaptable, sun, drought tolerant	broad glossy leaf, berries on some	numerous possible, scale, varies w/cult.	Accent, foundation, screen, hedge. Many cultivars widely used: 'Burfordii,' 'Carissa,' 'Rotunda'.
<i>Ilex glabra</i> INKBERRY HOLLY	evergreen medium	5-10'	5-10'	moderate	moist, acid, sun/shade	lustrous leaves, adaptability	none serious	Accent, foundation, screen, hedge, mass. Select named cultivars for size and form. 'Nordic,' 'Shamrock'.
<i>Ilex vomitoria</i> YAUPON HOLLY	evergreen sm. med. lg	3-20' size varies w/cultivar	5-15'	moderate to fast	adaptable, wet or dry, salt tolerant	great adaptability, varied forms, bark	none serious	Accent, foundation, screen, hedge, mass. Some small trees. Some dwarf & compact: 'Shillings,' 'Some weeping.
<i>Ilex verticillata</i> WINTERBERRY	deciduous medium	6-10'	6-10'	slow to moderate	adaptable, tolerates wet, sun/pt. sh	red fall - winter fruit	none serious	Mass, border, bank plantings, water wide and wet soils. Need male to set fruit. Spectacular in winter. Cultivars.
<i>Illicium parviflorum</i> SMALL ANISE-TREE	evergreen large	8-15'	10-15'	moderate	adaptable, wet/dry, sun/shade	Handsoms olive- green foliage	none serious	Large foliage mass or screen. Prune for specimen small tree. Foliage offers nice color contrast to dark greens.
<i>Itea virginica</i> VIRGINIA SWEETSPIRE	deciduous medium	3-7'	5-10'	moderate to fast	adaptable, prefers moist, sunshade	Fragrant May blooms, good foliage	none serious	Massing, banks, naturalizing. Highly adaptable native. 'Henry's Garnet' selection for brilliant fall color.
<i>Juniperus cultuvars</i> JUNIPER	evergreen sm. med. lg	1-20'+ size varies w/cultivar	1-10'+	moderate	tolerant of poor soils, no wet soils	consistent needle-like foliage, fine texture	twig blight, rust, wilt, bagworm, mites	Ground cover, foundation, bank, hedge, screen, specimen. Sizes, shapes, colors vary with cultivar.
<i>Ligustrum japonicum</i> JAPANESE PRIVET	evergreen large	8-15'	8-12'	fast	adaptable, sun/sh, salt tolerant, no wet	lustrous dark green leaves	none serious	Foundation, screen, hedge, topiary, can be shaped into small tree. Cultivars available.
<i>Myrica cerifera</i> WAX MYRTLE	evergreen large	10-20'	10-20'	fast	adaptable, sun/sh, salt tolerant	adaptability, fragrant stems & leaves	anthracnose, none serious	Versatile as screen, mass, hedge, small tree specimen. Ice may break limbs, but shrub often recovers quickly.
<i>Nandina domestica</i> NANDINA	evergreen sm. med	2-8' size varies w/cultivar	3-8'	moderate	adaptable, sun/ shade	Spectacular fruit, winter color	none serious	Species effective in groups, as hedge. Cultivars mostly dwarf types w/ varied leaf color. 'Harbor Dwarf' best cult.
<i>Osmanthus x fortunei</i> FORTUNE'S OSMANTHUS	evergreen large	15-20'	15-20'	slow to moderate	moist, well-drained, sun/shade	Fragrance of flower, handsome foliage	none serious	Border, screen, hedge, formal specimen. Fall fragrance.
<i>Prunus laurocerasus</i> 'Zabel' 'ZABEL' SKIP LAUREL	evergreen medium	3-6'	5-10'	moderate	moist, well-drained, organic, sun/shade	lustrous evergreen foliage	root rot, bacterium and insect damage	Foundation, hedge, accent, ground cover in shade. Elegant plant. Other <i>P. laurocerasus</i> cultivars avail.
<i>Spiraea species</i> SPIREA	deciduous sm. med	2-8' size varies w/species	3-5'	moderate to fast	adaptable, not too wet, sun	spring to summer flowers	numerous possible, but very resilient	Filler or massing, bank cover. Many species/cultivars: 'Anthony Waterer,' 'Limemound,' 'Snowmound' popular.
<i>Viburnum species</i> VIBURNUM	decid/ev- org., M, lg	5-20' size varies w/species	5-20'	moderate	moist, well-drained sun/pt. shade	flowers, fragrance, fall color, fruit	numerous possible, but relatively few	There is a viburnum for ever need. Many species/cultivars: 'Chesapeake,' 'Doublefile,' 'Alleghany,' 'Burkwood.'

## SHRUBS

- Soften edges between architectural walls, fences and other vertical elements and the ground plane.
- Define spaces and direct pedestrian traffic.
- Help establish pedestrian scale.
- Provide eye level opaque screens for less attractive site elements.
- Reduce soil erosion and excess storm water run-off.
- Add texture, color and variety to the built environment.

APPENDIX A

List of Recommended Species for Landscaping -- Black Mountain, N.C.

Type/Size	Genus	Species	Variety	Common Name	Evergreen	Native
groundcover	Ajuga	reptans		Bugleflower	*	
groundcover	Cotoneaster	dammeri		Bearberry cotoneaster	*	
groundcover	Festuca	ovina		Blue fescue	*	*
groundcover	Helleborus	orientalis		Lenten-rose	*	
groundcover	Hemerocallis	hybrida or fulva		Daylily		
groundcover	Hosta	many species	many cultivars	Hosta, plantain		
groundcover	Juniperus	horizontalis		Creeping juniper	*	
groundcover	Pachysandra	alleganiensis or procumbens		Alleghany spurge	*	*
groundcover	Pachysandra	terminalis		Japanese spurge	*	
groundcover	Phlox	subulata		Thrift	*	
low shrub	Callicarpa	dichotoma		Beautyberry		
low shrub	Ceanothus	americanus		New Jersey tea		*
low shrub	Cotoneaster	horizontalis		Rockspray cotoneaster	*	
low shrub	Deutzia	gracilis		Slender Deutzia		
low shrub	Diervilla	sessilifolia		Southern bush-honeysuckle		*
low shrub	Euonymus	americanus		Evergreen bittersweet	*	
low shrub	Hydrangea	arborescens	grandiflora	Snowhill Hydrangea		*
low shrub	Hypericum	prolificum		Shrubby St. John's wort		*
low shrub	Juniperus	communis	depressa	Prostrate juniper	*	
low shrub	Leucothoe	fontanesiana		Drooping leucothoe	*	*
low shrub	Mahonia	aquifolium		Oregon holly-grape	*	
low shrub	Pieris	japonica		Japanese andromeda	*	
low shrub	Potentilla	fruticosa		Bush cinquefoil		
low shrub	Viburnum	acerifolium		Maple-leaf Viburnum		*
med shrub	Abelia	x grandiflora		Glossy Abelia	*	
med shrub	Alnus	serrulata		Tag alder		*
med shrub	Buddleja	davidii		Butterfly bush		*
med shrub	Callicarpa	americana		American beautyberry		*
med shrub	Clethra	alnifolia		Sweet pepperbush		*
med shrub	Comus	sericea		Redtwig dogwood		*
med shrub	Fothergilla	major		Large Fothergilla		*
med shrub	Hydrangea	quercifolia		Oakleaf Hydrangea		*
med shrub	Hypericum	densiflorum		Dense Hypericum		*

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lg tree	Quercus	rubra		Red oak		*
lg tree	Quercus	stellata		Post oak		*
lg tree	Platanus	occidentalis		Sycamore		*
lg tree	Tilia	americana		American linden	*	*
lg tree	Tsuga	canadensis		Canadian hemlock		*
lg tree	Ulmus	americana		American elm		*
vine	Aristolochia	macrophylla		Dutchman's pipe	*	*
vine	Bignonia	capreolata		Crossvine		*
vine	Clematis	virginiana		Virgin's Bower		*
vine	Parthenocissus	quinquefolia		Virginia creeper		*

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med shrub	Ilex	montana or ambigua		Mountain winterberry		*
med shrub	Ilex	verticillata		Common winterberry		*
med shrub	Itea	virginica	Henry's Garnet	Virginia sweetspire		*
med shrub	Kalmia	latifolia		Mountain laurel	*	*
med shrub	Kerria	japonica		Kerria		
med shrub	Mahonia	bealei		Leatherleaf Mahonia	*	
med shrub	Pyracantha	coccinea		Scarlet firethorn	*	
med shrub	Rhododendron	calendulaceum		Flame azalea		*
med shrub	Rhododendron	carolinianum		Carolina Rhododendron	*	*
med shrub	Rhododendron	catawbiense	many cultivars	Mountain rosebay	*	*
med shrub	Rhododendron	nudiflorum		Wild or Pinxter azalea		*
med shrub	Spiraea	prunifolia	Plena	Bridleweath Spirea		
med shrub	Symphoricarpus	orbiculatus		Coral berry		*
med shrub	Viburnum	alnifolium		Hobblebush		*
med shrub	Viburnum	cassinoides		Witherod Viburnum		*
med shrub	Viburnum	x burkwoodii		Burkwood Viburnum		
tall shrub	Aesculus	parviflora		Bottlebrush buckeye		
tall shrub	Aralia	spinosa		Devils-walkingstick		*
tall shrub	Calycanthus	floridus	laevigatus	Sweetshrub		*
tall shrub	Ilex	decidua		Possumhaw		*
tall shrub	Lonicera	fragrantissima		Winter honeysuckle		*
tall shrub	Philadelphus	inodorus		Mock Orange		*
tall shrub	Rhododendron	maximum	many cultivars	Rosebay Rhododendron	*	*
tall shrub	Rhododendron	hybrida	Exbury	Exbury hybrid Azalea		
tall shrub	Rhododendron	indica		Indian Azalea	*	
tall shrub	Rhododendron	prinophyllum (roseum)		Rosy Azalea		*
tall shrub	Rhododendron	prunifolium		Plumleaf azalea		*
tall shrub	Salix	sericea		Silky willow	*	*
tall shrub	Sambucus	canadensis		Elderberry		*
tall shrub	Syringa	vulgaris		Common lilac		
tall shrub	Syringa	x persica		Persian lilac		
tall shrub	Viburnum	plicatum	tomentosum	Doublefile Viburnum		
tall shrub	Viburnum	rhytidophyllum		Leatherleaf Viburnum	*	

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small tree	Amelanchier	arborea		Serviceberry		*
small tree	Cercis	canadensis		Eastern redbud		*
small tree	Chionanthus	virginicus		Fringetree		*
small tree	Cornus	alternifolia		Pagoda dogwood		*
small tree	Cornus	florida		Flowering dogwood		*
small tree	Cornus	kousa		Kousa dogwood		*
small tree	Hamamelis	virginiana		Common witch-hazel		*
small tree	Ilex	opaca		American holly	*	*
small tree	Ostrya	virginiana		Eastern hophornbeam		*
small tree	Oxydendrum	arboresum		Sourwood		*
small tree	Pistacia	chinensis		Pistachio		*
small tree	Prunus	pensylvanica		Pin cherry		*
small tree	Prunus	serotina		Black cherry		*
small tree	Ptelea	trifoliata		Hoptree		*
small tree	Tilia	cordata		Littleleaf linden		*
small tree	Viburnum	rufidulum		Blackhaw Viburnum		*
lg tree	Acer	rubrum		Red maple		*
lg tree	Acer	saccharum		Sugar maple		*
lg tree	Aesculus	flava		Yellow buckeye		*
lg tree	Betula	allegheniensis (lutea)		Yellow birch		*
lg tree	Betula	lenta		Sweet birch		*
lg tree	Betula	papyrifera		Paper birch		*
lg tree	Carya	cordiformis		Bitternut hickory		*
lg tree	Carya	glabra		Pignut hickory		*
lg tree	Cladrastis	lutea		Yellowwood		*
lg tree	Fagus	grandifolia		Beech		*
lg tree	Liriodendron	tulipifera		Tulip tree		*
lg tree	Magnolia	acuminata		Cucumber tree		*
lg tree	Nyssa	sylvatica		Black tupelo		*
lg tree	Picea	rubens		Red spruce	*	*
lg tree	Quercus	alba		White oak		*
lg tree	Quercus	montana		Chestnut oak		*
lg tree	Quercus	palustris		Pin oak		*
lg tree	Quercus	pnellos		Willow oak		*

Table 1. Landscape Alternatives to Plants Considered to be Invasive

Common/ Botanical Name	Landscape Alternatives
Aster Fluorescens <i>Lonicera maackii</i>	Clematis, Crossvine, Trumpet Vine, Decumaria, Shrub Viburnum, Elderberry, Spicebush
Aster: Olive <i>Eleagnus umbellata</i>	Hydrangea paniculata, Viburnum, Wax Myrtle, Beach Plum, Dogwood Holly
Bigleaf Peonible <i>Vicaria major</i>	Alga, Verbena canadensis
Burning Bush <i>Elaeagnus Eumyrtus alata</i>	Loropetalum, Water Viburnum
Calery Pear species and cultivars <i>Pyrus calleryana</i>	<i>Pyrus scoullera</i> (and other flowering cherries), <i>Chororanthus virginicus</i> or <i>retusus</i>
Cherokee Rose <i>Rosa laevigata</i>	<i>Rosa banksia</i> , Hybrid climbing rose, Decumaria
Chinese (Laoback) Elm <i>Ulmus parvifolia</i>	Magnolias, Oaks, Birch, Cypress
Chinese Holly (fruiting forms) <i>Ilex cornuta</i>	Non fruiting <i>Ilex cornuta</i> or other <i>Ilex</i> hybrids (Red Hollies)
Chinese Privet <i>Ligustrum sinense</i>	Wax Myrtle, Loropetalum, Azalea, Boxwood, Florida Anise, Small Anise Tree, Nincebark
Chinese Silvergrass <i>Miscanthus sinensis</i>	<i>Cordycaea sebbona</i>
Chinese Tallgrass <i>Sapientia schimperii</i>	Crype Myrtle, Viera, Beach Plum, Jakkery, False Heather
Chinese Winteria <i>Winteria sinensis</i> , <i>W. Borehunda</i>	American Bittersweet, American Winteria, Crossvine, Trumpet Vine, <i>Mullethia reticulata</i> , <i>Trachelospermum Decumaria</i>
Common Bermudagrass <i>Cynodon dactylon</i>	Hybrid Bermuda grass
Common Peonible <i>Vicaria minor</i>	<i>Trachelospermum Pachysandra</i>
Common Privet <i>Ligustrum vilgare</i>	Wax Myrtle, Viburnum, Cherry Laurel
English Ivy <i>Hedera helix</i>	Clematis, <i>Trachelospermum Pachysandra</i> , Crossvine, Ajuga, Gray Dogwood, Climbing Hydrangea, Virginia Creeper
Five-leaf Aechia <i>Aechia quinata</i>	Coral Vine, Trumpet Vine, Crossvine
Fragrant Winter Honeysuckle <i>Lonicera fragrantissima</i>	<i>Trachelospermum</i>
Giant Reed <i>Arundo donax</i>	Osaka, Alpina, Ginger, Musa
Glossy Privet <i>Ligustrum lucidum</i>	Camelia, Viburnum, Osmanthus, Cherry Laurel, Ternstroemia
Golden Bamboo <i>Phyllostachys aurea</i>	Osaka, Aspidistra, Musa, River Cane
Hydrilla <i>Hydrilla verticillata</i>	Lily Pad, Pickeral Weed, Duck Wood
Japanese Bloodgrass <i>Imperata cylindrica</i>	Red Fountain Grass
Japanese Climbing Fern <i>Lygodium japonicum</i>	Clematis, Trumpet Vine, Crossvine
Japanese Honeysuckle <i>Lonicera japonica</i>	Clematis, Crossvine, Carolina Jessamine, Trumpet Vine, Native Honey suckle
Japanese Pagoda Tree <i>Koeluteria spp.</i>	Cassia
Japanese Privet <i>Ligustrum japonicum</i>	Camelia, Viburnum, Osmanthus, Cherry Laurel, Ternstroemia
Japanese Spirea <i>Spiraea japonica</i>	Albela, Deutzia, Spirea bumalda hybrids
Kudzu <i>Pastoraria kumiana</i>	<i>Pregnac Swamee</i> , Lowtouch Blueberry
Laurena <i>Laurina camera</i>	Cornelia, Viburnum, Flek hybrids
Leatherleaf Mahonia <i>Mahonia bealei</i>	Ophiopogon, <i>Pachysandra</i> , <i>Acorus</i> , <i>Agapanthus</i> , Iris, <i>Hemrocallis</i>
Liriope <i>Liriope spp.</i>	Lagerstromia, Mock Orange, Redbud, Dogwood
Mimosa <i>Albicia julibrissin</i>	<i>Trachelospermum</i>
Morona's Honeysuckle <i>Lonicera moronoi</i>	Rosa banksia, Carolina Rose, Virginia Rose, Crossvine
Muhlibera Rose <i>Rosa muskibera</i>	Barberry, Virginia Sweetgum, Sweet Peppertush, Elderberry
Nandina <i>Nandina domestica</i>	River Oaks, Alleghany Spurge
Nepalase Burnnang <i>Affronetogona vineum</i>	Osaka, Aspidistra, Musa
Other Spreading Bunchgrass <i>Psychotriochys spp.</i>	Helianthus, Coreopsis, Rudbeckia
Oxeye Daisy <i>Chrysanthemum leucanthemum</i>	Coral Vine, Trumpet Vine, Crossvine
Porcelain Vine <i>Ampelopsis brevipedunculata</i>	Casaba, Lagerstromia
Princess-tree <i>Panlounia tomentos</i>	<i>Pachysandra</i> , <i>Artisia</i>
Purple Loosastife <i>Lysitria salicaria</i>	<i>Actilia</i>
Queen Anne's Lace <i>Daucus carota</i>	Viburnum, Yaupon Holly
Russian Olive <i>Elaeagnus angustifolia</i>	Other Oaks, Birch
Sawtooth Oak <i>Quercus acutissima</i>	Viburnum, Oakleaf Hydrangea
Silverbush <i>Elaeagnus pungens</i>	<i>Mullethia tomentos</i> , Crossvine, Trumpet Vine, <i>Mullethia reticulata</i> , <i>Trachelospermum</i> , <i>Decumaria</i>
Sweet Autumn Clematis <i>Clematis vitalba</i>	<i>Swindgrass</i>
Tall Fescue <i>Festuca arvensis</i>	<i>Percovskia x Longia</i>
Tall Vervain <i>Verbena bonariensis</i>	<i>Trachelospermum</i>
Tartarian Honeysuckle <i>Lonicera tartarica</i>	Eastern Cottonwood, Devil's Walkingstick
Tree-of-Heaven <i>Ailanthus altissima</i>	Wax Myrtle, Loropetalum
Winged Buonymus <i>Euroymus alata</i>	<i>Trachelospermum Pachysandra</i> , Carolina Jessamine
Wintercreeper Euonymus <i>Euroymus fortunei</i>	