

**APPENDIX G**

List of Recommended Plant Materials

(Primary Sources: *Landscape Plants of the Southeast* by R. Gordon Halfacre and Anne R. Shawcroft, 1979 and *Manual of Woody Landscape Plants* by Michael A. Dirr)

Evergreen Canopy Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Cedrus deodara</i>	Deodar Cedar	40-50	30-40	Sun/Pt Shade	Let lower limbs touch ground. Large scale screen or specimen tree.
<i>Cryptomeria japonica</i>	Japanese Cryptomeria	40-50	20-30	Sun/Pt Shade	Tall, lofty, pyramidal or conical evergreen. Beautiful specimen or screen.
<i>Juniperus virginiana</i>	Eastern Red Cedar	40-50	8-20	Sun	Tough, densely columnar. Great for naturalizing for use as a screen or in groupings.
<i>Magnolia grandiflora</i>	Southern Magnolia	40-60	25-30	Sun/Pt Shade	Let lower limbs touch ground. Large scale screen or specimen tree. White flowers in late spring.
<i>Pinus palustris</i>	Longleaf Pine	80-100	30-40	Sun/Pt Shade	Mass planting/screen. Loses lower limbs with age.
<i>Pinus sylvestris</i>	Scotch Pine	40-70	15-30	Sun	Ornamental specimen or mass planting. Loses lower limbs with age.
<i>Pinus taeda</i>	Loblolly Pine	70-90	30-40	Sun/Pt Shade	Mass plantings. Provides light shade for understory planting. Loses lower limbs with age.
<i>Pinus thunbergii</i>	Japanese Black Pine	50-70	20-25	Sun	Mass plantings. Space close together to form screen.
<i>Quercus laurefolia</i>	Laurel Oak	30-50	30-40	Sun/Pt Shade	Good street tree. Not as long-lived as Live Oak.
<i>Quercus virginiana</i>	Live Oak	40-80	60-100	Sun/Pt Shade	Long-lived. Can reach magnificent proportions with age.
<i>Thuja plicata</i>	Western or Giant Arborvitae	50-75	15-25	Sun	Masses, groupings or for textural evergreen interest.
<i>Thuja 'Green Giant'</i>	Arborvitae	30-60	10-20	Sun	Good upright form for the landscape. Mass, screen, groupings.

Deciduous Canopy Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Acer rubrum</i>	Red Maple	40-50	25-35	Sun/Shade	Beautiful fall colors. Use in mass plantings. Long-
<i>Aesculus x carnea</i>	Red Horse Chestnut	30-50	30-40	Sun/Pt Shade	Spectacular in flower. Excellent accent in large open areas.
<i>Fragus grandifolia</i>	Beech	60-80	40-60	Sun	Cast dense shade, long-lived.
<i>Ginkgo biloba</i>	Ginkgo	40-70	20-40	Sun	Street tree, light shade – susceptible to air pollution. Male only.
<i>Liquidambar styraciflua</i>	Sweet Gum	60-100	50-75	Sun/Pt Shade	Attractive all year. Allow space to develop symmetrically. Useful for shade.
<i>Liriodendron tulipifera</i>	Tulip Poplar	60-150	30-40	Sun	Useful as specimen or mass plantings in large areas. Good fall color.
<i>Metasequoia glyptostroboides</i>	Dawn Redwood	70-100	20-30	Sun	Imposing as single specimen or planted in groves. Two to three feet of growth per year.
<i>Nyssa sylvatica</i>	Black Gum	40-60	20-30	Sun/Shade	Gorgeous fall color and distinctive winter habit. Useful in mass; good specimen while young.
<i>Platanus acerifolia</i>	London Plane	70-100	50-70	Sun/Pt Shade	Long-lived, withstands worst city conditions.
<i>Platanus occidentalis</i>	Sycamore	70-100	60-80	Sun/Pt Shade	Mass planting, needs ample space to develop. Withstands severe conditions.
<i>Prunus sargentii</i>	Sargent Cherry	40-60	30-40	Sun	Casts dense shade
<i>Quercus acutissima</i>	Sawtooth Oak	25-30	25-30	Sun/Pt Shade	One of smaller oaks.
<i>Quercus alba</i>	White Oak	60-100	50-90	Sun/Pt Shade	Majestic specimen. Slow growing, very long-lived. Avoid planting near driveway or patio.
<i>Quercus coccinea</i>	Scarlet Oak	60-80	40-50	Sun	Excellent foliage, rapid growth; excellent shade & street planting.
<i>Quercus nigra</i>	Water Oak	50-75	30-40	Sun/Pt Shade	Use as specimen, canopy & background. Drooping branches limits use as shade tree.
<i>Quercus palustris</i>	Pin Oak	60-80	40-50	Sun/Pt Shade	Excellent lawn tree for large areas. Not recommended for street, lower branches block visibility.
<i>Quercus phellos</i>	Willow Oak	60-80	30-40	Sun	Excellent shade or street tree. Useful as specimen, framing, background and canopy.
<i>Quercus rubra</i>	Red Oak	50-70	40-60	Sun/Pt Shade	Rapid growth, handsome shade tree for street, lawns & mass planting.

Deciduous Canopy Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Quercus shumardii</i>	Shumard Oak	60-30	40-50	Sun	Rapid grower, excellent foliage.
<i>Salix babylonica</i>	Weeping Willow	30-50	20-40	Sun/Pt Shade	Somewhat untidy & aggressive. Attractive large screen for areas used in spring & summer. Should not be planted near underground pipes.
<i>Taxodium distichum</i>	Bald Cypress	50-100	20-30	Sun/Pt Shade	Use in poorly drained sites. Exotic in appearance.
<i>Tilia cordata</i>	Littleleaf Linden	30-70	25-40	Sun/Pt Shade	Useful as street tree & areas requiring dense shade.
<i>Ulmus parvifolia</i>	Lace Bark Elm	80-90	70-90	Sun/Pt Shade	Tough, durable, excellent for any situation. Handsome exfoliating bark.
<i>Zelkova serrata</i>	Japanese Zelkova	50-60	40-50	Sun/Pt Shade	Excellent shade tree. Substitute for Elm. Trunk subject to sun scald.

Evergreen Ornamental and Understory Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Ilex x attenuate (Foster's)</i>	Hybrid Hollies	20-30	10-20	Sun/Pt Shade	Good screen plant. Useful in narrow planting areas.
<i>Ilex x 'Emily Bruner'</i>	Emily Bruner Holly	15-20	12-15	Sun/Pt Shade	Broad, dense, pyramidal. Screen, border or accent.
<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens Holly	15-25	10-20	Sun/Pt Shade	Upright, conical. Excellent for screen or accent. Good holly for southern states.
<i>Ilex opaca</i>	American Holly	15-30	10-20	Sun/Pt Shade	Best used as specimen plant or in clumps as screen & border. Allow lower limbs to branch to ground. Slow growing.
<i>Prunus caroliniana</i>	Carolina Cherry Laurel	20-30	15-20	Sun/Pt Shade	Excellent in natural form. Excellent foliage. Use as specimen, screen or border.
<i>Quercus myrsinifolia</i>	Chinese Evergreen Oak	20-40	8-16	Sun	Specimen or screening material with heavy low branching and elegant foliage.

Deciduous Ornamental and Understory Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Acer palmatum</i> (varieties)	Japanese Maple	15-20	10-15	Pt Shade	Beautiful tree for small gardens & terraces. Refined in character.
<i>Amelanchier canadensis</i>	Serviceberry	10-20	8-15	Sun/Pt Shade	Blooms just before dogwood. Attractive with background of loblolly pines or planted along edge of wild areas.
<i>Asimina triloba</i>	Paw Paw	15-20	15-20	Sun/Shade	Beautiful native tree often found along streams. Good fall color. Interesting foliage effect.
<i>Betula nigra</i>	River Birch	20-40	16-20	Pt Shade	Graceful branching habit, attractive bark.
<i>Carpinus betulus</i> 'Fastigiata'	Upright Hornbeam	20-40	15-20	Sun	Good street tree for narrow spaces.
<i>Carpinus caroliniana</i>	American Hornbeam	20-30	15-20	Sun/Shade	Good small street or shade tree with refined character.
<i>Cercis canadensis</i>	Eastern Redbud	20-30	12-25	Sun/Pt Shade	Good foliage & beautiful in blossom; interesting specimen or filler. Drought resistant.
<i>Chionanthus virginicus</i>	Fringe Tree	10-12	8-10	Sun	Used as specimen; good in cities.
<i>Cornus florida</i>	Flowering Dogwood	15-30	15-20	Pt Shade	Interesting horizontal branch structure. Use in group planting or as accent in borders & margins of woods. Develops thinner & more graceful habit in part shade rather than full sun.
<i>Cornus Kousa</i>	Kousa Dogwood	20-30	15-20	Sun/Pt Shade	Flowers later than Cornus Florida and resistant to Dogwood anthracnose. Choice specimen plant.
<i>Cornus Mas</i>	Cornelian Cherry Dogwood	20-30	15-20	Sun/Pt Shade	Yellow flowers on bare branches in late February/early March. Durable and long-lived.
<i>Cotinus coggyria</i>	Smoketree	10-15	8-14	Sun	Maintain high moisture until well established. Interesting specimen or border plant for cooler areas.
<i>Crataegus viridis</i>	Hawthorne 'Winter King'	20-25	20-30	Sun	Excellent small ornamental for use against evergreen background. White flowers, exfoliating bark, persistent red fruit.
<i>Franklinia alatamaha</i>	Franklinia	20-30	15-18	Sun	Showy, fragrant late summer flowers & colorful autumn foliage. Use as accent, specimen or filler.
<i>Halesia carolina</i>	Carolina Silverbell	20-40	18-20	Pt Shade/Shade	Useful in borders and along paths or streets. Excellent as naturalizing material.
<i>Koelreuteria paniculata</i>	Golden Raintree	20-30	15-20	Sun/Pt Shade	Valuable for flower & showy seed pods. Best used in

Deciduous Ornamental and Understory Trees		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
					groups. Short-lived
<i>Lagerstroemia indica</i>	Crape Myrtle	15-25	5-15	Sun	Decorative & effective throughout year as specimen or multi-trunked small tree. Flowers late summer.
<i>Magnolia soulangiana</i>	Saucer Magnolia	15-25	15-25	Sun/Pt Shade	Best suited to city garden; espaliers well in limited areas, flowers in spring.
<i>Magnolia stellata</i>	Star Magnolia	10-12	8-10	Sun	Very handsome specimen shrub for lawns & gardens, best with darker background. Flowers in spring.
<i>Malus hybrida</i>	Flowering Crab Apple	15-25	10-20	Sun	More susceptible to fire blight when forced by too much fertilizer or heavy pruning.
<i>Ostrya virginiana</i>	American Hophornbeam	25-40	20-40	Sun/Pt Shade	Tough, durable, handsome native small tree.
<i>Oxydendrum arboreum</i>	Sourwood	20-30	10-15	Sun/Shade	Slender & handsome; valued for summer flowering & for brilliant fall coloring. Useful in borders and as undercover in woodland areas.
<i>Pistacia chinensis</i>	Chinese Pistachio	20-40	10-20	Sun/Pt Shade	Once established is a fairly low maintenance tree good for urban conditions. Good street tree.
<i>Prunus Hybrids</i>	Japanese Cherry	15-40	15-40	Sun/Pt Shade	Provides great beauty in early Spring. Handsome specimen trees. Some are more heat/cold tolerant, longer-lived than others.
<i>Prunus serrulata</i>	Japanese Cherry	15-25	15-20	Sun/Pt Shade	Outstanding for quick effect. Life span is 15-20 years.
<i>Sassafras albidum</i>	Sassafras	25-40	20-25	Sun/Pt Shade	Useful for thickets, borders of woodland parks & mass plantings.
<i>Stewartia koreana</i>	Korean Stewartia	20-30	10-15	Sun/Pt Shade	Exfoliating bark, good fall color. Flowers in July. Choice ornamental for accent of focal point.
<i>Styrax japonicas</i>	Japanese Snowbell	20-30	15-20	Sun/Pt Shade	Delicate beauty. Best planted on hillside or where it can be viewed from below.
<i>Vitex agnus-castus</i>	Chaste Tree	15-20	8-10	Sun/Pt Shade	Handsome mass, particularly attractive in bloom. Difficult to blend with other shrubs.

Large Evergreen Shrubs (over 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Azalea indica</i>	Indian Azalea	6-12	6-8	Sun/Shade	Best in Coastal Plain. Requires mulch.
<i>Berberis julianae</i>	Wintergreen Barberry	6-10	6-10	Sun	Leathery spine-toothed dark green leaves. Good barrier plant.
<i>Callistemon lanceolatus</i>	Bottlebrush	6-12	8	Sun	Grown primarily for floral display. In very warm areas may be trained as specimen tree. Good screening material for protected beach properties.
<i>Camellia japonica</i>	Japanese Camellia	7-12	5-7	Pt Shade	Easily grown but very formal in character. Requires protection from winter wind.
<i>Camellia sasanqua</i>	Sasanqua Camellia	7-12	5-7	Sun/Pt Shade	Excellent for informal borders, specimen, accent and sheared or natural hedges. If not planted in shade, should be planted where morning sun does not strike foliage.
<i>Cephalotaxus harringtonia</i>	Plum Yew	5-10	5-15	Pt Shade/Shade	Columnar or spreading varieties. Dark green needles.
<i>Chamaecyparis pisifera</i> <i>cultivars</i>	Japanese Falsecypress	6-20	5-10	Sun/Pt Shade	Good accent or specimen plants with foliage ranging from yellow, deep green, gray or blue-green.
<i>Cleyera japonica</i>	Cleyera	8-10	5-6	Pt Shade	Highly shade tolerant; withstands city conditions. Excellent along coast but must be protected from salt spray.
<i>Cryptomeria japonica</i> <i>cultivars</i>	Japanese Cedar	6-10	4-6	Sun	Upright conical to flat spreading.
<i>Ilex cornuta</i>	Chinese Holly	8-10	5-7	Sun/Pt Shade	Useful as hedge or massive foundation plant. Ragged appearance when sheared.
<i>Ilex crenata</i>	Japanese Holly	10-12	3-5	Sun/Pt Shade	Suitable for screening or hedging. Useful as background material.
<i>Ilex glabra</i>	Inkberry Holly	6-9	4-7	Sun/Shade	Select male plants for best winter color. Most useful as background plant. Excellent for naturalizing.
<i>Ilex latifolia</i>	Lusterleaf Holly	8-12	7-11	Pt Shade	Use in large scale shrub borders; excellent for industrial or park sites or as specimen or screening plant for large areas.
<i>Ilex pernyi</i>	Perny Holly	9-12	4-6	Sun/Pt Shade	Taller growing than many shrub hollies. Showy red fruit.

Large Evergreen Shrubs (over 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Ilex vomitoria</i>	Yaupon Holly	5-15	6-12	Sun/Shade	Useful as border, screen, specimen, or barrier for large properties. Susceptible to salt burn.
<i>Illicium anisatum</i>	Anise Tree	8-12	8-10	Sun/Pt Shade	Excellent as enclosure and foundation plant for large buildings or as large specimen. Attractive form and foliage; rarely produces flowers.
<i>Juniperus chinensis cultivars</i>	Juniper	4-20	4-10	Sun	Many varieties from narrow columnar to vase-shaped and spreading. Good accents.
<i>Juniperus virginiana</i>	'Skyrocket'	15-20	3-5	Sun	Good upright accent.
<i>Ligustrum japonicum</i>	Japanese Privet	6-10	5-6	Sun/Shade	Formal or informal hedge or shrub border. Adapted to adverse conditions of drought, heat, cold, and salt spray. Use in foundation plantings only for large structures and sites. Excellent background material.
<i>Loropetalum chinense</i>	Loropetalum	6-10	8-9	Sun/Pt Shade	Useful as screen, border, or foundation shrub. Excellent espaliered.
<i>Michelia figo</i>	Banana Shrub	6-8	6-8	Sun/Lt Shade	Handsome foliage and pleasant banana fragrance from flowers in evening. Foliage may freeze in severe winters.
<i>Myrica cerifera</i>	Wax Myrtle	10-12	4-6	Sun/Pt Shade	Will thrive in practically any situation. Good background material; combines well with junipers. Useful on coast but will not tolerate direct exposure to salt spray.
<i>Osmanthus fortunei</i>	Fortune Tea Olive	9-12	5-7	Sun	Excellent in large borders and screens or as clipped hedge. May be used as formal specimen.
<i>Pieris japonica</i>	Japanese Pieris	8-12	6-8	Pt Shade	Excellent evergreen for shade. Attractive new growth ranging from apple green to rich red. Borders, groupings or accent.
<i>Photinia fraseri</i>	Fraser Photinia	7-12	5-8	Sun	Resistant to mildew which disfigures <i>P. serrulata</i> . Best used for hedge in full sun or where color harmonizes.
<i>Photinia glabra</i>	Red Photinia	6-10	4-5	Sun	Best used for hedges in full sun or where color harmonizes.
<i>Viburnum awabuki</i>	'Chindo' Viburnum	6-10	5-6	Sun/Pt Shade	Large thick glossy leaves. Fragrant blooms and red fruit. Good screen plant.

Large Evergreen Shrubs (over 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Prunus laurecerasus</i>	English Laurel	10-12	8-11	Sun/Shade	Sometimes has scorched foliage appearance, especially in winter. May be used for tall hedges, windbreaks, or foundation planting for large buildings.
<i>Viburnum rhytidophyllum</i>	Leathleaf Viburnum	6-10	5-7	Shade/Pt Shade	Dignified shrub of architectural character; excellent foliage and fruit. Used as specimen and foundation plant especially for narrow wall spots.
<i>Viburnum tinus</i>	Laurestinus Viburnum	10-12	10-12	Sun/Pt Shade	Valuable evergreen for barrier, specimen, clipped or unclipped hedge. Avoid watering in fall or planting on very fertile soils. Good background material.

Large Deciduous Shrubs (over 6' in height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Azalea calendulacea</i>	Flame Azalea	8-12	5-8	Sun/Pt Shade	Handsome and showy native azalea. Best in woodland plantings. Good fall color.
<i>Azalea hybrida 'Exbury'</i>	Exbury Hybrid Azalea	6-8	5-7	Pt Shade	Excellent for naturalizing or in mass for color accent in spring. Effective in combination with evergreen azaleas and camellias.
<i>Buddleia davidii</i>	Butterfly Bush	5-8	3-6	Sun	Summer flowering and usually treated as perennial. Useful scattered through large shrub borders or as accent for flower beds.
<i>Calycanthus floridus</i>	Sweetshrub	6-9	5-8	Sun/Shade	Valued for fragrance of flowers and fruit; useful in unclipped borders and moist areas
<i>Clethra alnifolia</i>	Summersweet	6-8	4-6	Sun/Shade	Upright suckering shrub for border. Moist conditions. Flowers attract butterflies.
<i>Corylopsis glabrescens</i>	Winterhazel	5-7	8-15	Sun/Pt Shade	Rounded, wide spreading. Yellow flowers in drooping clusters. Good accent plant.
<i>Cornus alba 'Sibirica'</i>	Red/Yellow Stem Dogwood	6-10	6-12	Sun	Grown for brightly colored stems in winter. Shrub borders or masses on large scale.
<i>Cytisus scoparius</i>	Scotch Broom	5-7	3-5	Sun/Pt Shade	Form derived from vertical twig growth rather than



Large Deciduous Shrubs (over 6' in height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
					foliage effect; somewhat unpredictable in survival. Numerous seedlings replace old plants. Will grow on clay banks.
<i>Deutzia scabra</i>	Pride of Rochester Deutzia	6-10	4-8	Sun/Pt Shade	Handsome mass useful in shrub borders or as specimen. Showy flowers. Useful as background or accent for flowers beds.
<i>Euonymus alatus</i>	Winged Euonymus	5-8	3-5	Sun/Pt Shade	Excellent for parks or industrial sites. Flamboyant coloring and rank growth limit use to large-scale properties.
<i>Exochorda racemosa</i>	Pearl Bush	10-12	8-10	Sun/Pt Shade	Delicate appearance in bloom; attractive foliage. Grows leggy with age, requiring facer shrubs. Valuable as light mass or specimen for large areas.
<i>Forsythia intermedia</i>	Forsythia	8-10	7-10	Sun	Good foliage mass but most beautiful in flower; useful as large accent, dense mass or screen, and in border with spring bulbs. Withstands city conditions.
<i>Hamamelis virginiana</i>	Witch Hazel	8-15	7-14	Sun/Pt Shade	Excellent for naturalizing in shady areas. Blooms after leaves have fallen. Useful for large estates and parks.
<i>Heptacodium miconioides</i>	Seven-son Flower	10-12	6-8	Sun/Pt Shade	Upright multi-stemmed provides year-round interest. Borders. Hide legginess with shorter shrubs.
<i>Hydrangea paniculata</i>	Hydrangea	8-20	6-8	Pt Shade	Grows well in seaside gardens; tolerant of city conditions. May be trimmed to form small tree.
<i>Ilex verticillata</i>	Winterberry	8-12	8-12	Sun/Pt Shade	Red berries persist through winter. Needs male pollinator. Effective in masses or borders and in wet areas.
<i>Philadelphus x virginalis</i>	Mock Orange	6-10	6-10	Sun/Pt Shade	Fragrant flowers. Single season shrub.
<i>Spiraea prunifolia plena</i>	Bridalwreath Spirea	5-7	3-5	Sun/Shade	Valuable shrub for flowers, foliage and fall color; useful for all informal planting; combines well with perennials and roses.
<i>Spiraea vanhouttei</i>	Vanhoutte Spirea	5-7	4-6	Sun/Shade	Dependable plant. Useful as specimen or mass, as natural hedge, or in shrub borders.
<i>Syringa persica</i>	Lilac	6-8	7-9	Sun/Pt Shade	Good foliage and twig growth for screening and background. Long lasting plant of high quality with

Large Deciduous Shrubs (over 6' in height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
					minimum problems.
<i>Viburnum burkwoodii</i>	Burkwood Viburnum	6-8	5-7	Sun/Pt Shade	Flowering shrub borders, background, and naturalizing in woodlands. May be espaliered on fence or wall.
<i>Viburnum dilatatum</i>	Linden Viburnum	6-9	6-8	Sun/P. Shade	Best flowering and fruiting in open situations and planted in groups. For borders, screens or specimen use. Unpleasant smelling flowers.
<i>Viburnum macrocephalum</i>	Chinese Snowball	6-10	6-10	Sun/Pt Shade	Dense rounded shrub with large white rounded flower clusters.
<i>Viburnum plicatum tomentosum</i>	Doublefile Viburnum	8-10	8-10	Sun/Pt Shade	Handsome specimen or accent plant; useful in shrub borders. Beautiful horizontal branching habit displaying flowers and fruit well. Will not tolerate drought.
<i>Weigela florida</i>	Weigela	6-8	8-10	Sun	Valued for handsome flowers; at other seasons rather coarse. Plant in groupings or borders where it is hidden when not blooming. Prune after flowering.

Medium Evergreen Shrubs (4' – 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Abelia grandiflora</i>	Glossy Abelia	4-6	3-5	Sun/Shade	Medium height informal hedges or for background. Iron chlorosis common; not well adapted to deep sandy soils. Leaf drop from low temperatures, lack of pruning and starvation.
<i>Aucuba japonica</i>	Japanese Aucuba	4-5	3-4	Shade	Excellent for dark corners or shady locations. May be grown in planter boxes.
<i>Azalea hybrida</i>	Hybrid Azaleas	4-6	3-4	Pt Shade	Brilliant floral display with different varieties covering entire azalea blooming season. Somewhat more cold hardy than Kurume azalea.
<i>Buxus microphylla japonica</i>	Japanese Boxwood	4-5	3-4	Sun/Shade	Larger leaves than species. Excellent sheared or natural hedge. Good low specimen plant.
<i>Chamaecyparis obtusa</i>	Hinoki Cypress 'Nana Gracilia'	5-6	3-4	Sun	Dark green foliage in artistic clusters.
<i>Chamaecyparis pisifera 'filifera aurea'</i>	False Cypress	4-6	4-6	Sun	Drooping threadlike branchlets in yellow. Good accent.
<i>Cryptomeria globosa</i>	Japanese Cedar	4-6	4-6	Sun	Beautiful, compact, dark green needles. Dwarf growing habit.
<i>Euonymus kiautschovicus</i>	Spreading Euonymous	4-6	4-6	Sun/Shade	May be trained as vine on walls or fences; climbs by aerial roots. Lower branches sometimes prostrate and root. Useful as hedge, screen, border or foundation planting.
<i>Gardenia augusta</i>	Gardenia	2-6	3-6	Sun/Pt Shade	Glossy foliage with super fragrant blooms.
<i>Ilex crenata</i>	Japanese Hollies	4-6	3-5	Sun/Shade	Fine as foundation plant or in masses. Good substitute for boxwoods and may be developed into formal or informal hedge.
<i>Jasminum floridum</i>	Flowering Jasmine	4-6	5-7	Sun/Pt Shade	May be trained as vine. Acts as large scale ground cover when used in mass plantings. Excellent on banks or over wall where graceful form shows to advantage. Useful for unclipped hedges or borders requiring little care once established.
<i>Juniperus chinensis</i>	Chinese Juniper 'Sea Green'	4-6	4-6	Sun	Vase-shaped with dense foliage. Excellent screen plant.

Medium Evergreen Shrubs (4' – 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Juniperus chinensis pfitzeriana</i>	Pfitzer Juniper	4-6	6-9	Sun	Best used in broad masses in large-scale areas. Exotic in appearance, does not mix well with other plants. Susceptible to salt burn.
<i>Loropetalum chinese</i>	Loropetalum	3-6	3-6	Sun/Pt Shade	Irregular mounding habit with foliage ranging from green to ruby-red to purple. Fragrant bright pink flowers intermittently throughout the year.
<i>Mahonia bealei</i>	Leatherleaf Mahonia	5-6	3-4	Pt Shade/Shade	Very dependable for use in shrub borders or as specimen. Winter-burn if grown in sun. Interesting and exotic effect.
<i>Mahonia pinnata</i>	Cluster Mahonia	4-6	2-3	Sun/Pt Shade	Useful for border or specimen; not as limited in use as coarser textured species. Excellent vertical accent. Grows well in sun.
<i>Nandina domestica</i>	Nandina	4-6	2-3	Sun/Pt Shade	Interesting used as facer shrub or planted in groups. Avoid placing near red brick buildings. Excellent vertical accent. Good for year-round interest.
<i>Prunus laurocerasus augustifolia</i>	Narrow Leaf English Laurel	4-6	5-6	Sun/Shade	Excellent for contemporary design. Good low growing foundation plant. Adapts well to city conditions.
<i>Pyracantha coccinea</i>	Scarlet Firethorn	5-10	6-8	Sun	Needs 3 to 4 applications general purpose spray annually starting late March or early April. Use as wall shrub or specimen.

Medium Deciduous Shrubs (4' – 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Azalea hybrida</i>	Hybrid Azaleas	3-5	3-5	Shade/Pt Shade	Excellent habit and good foliage; useful in groups and mass. Not for Coastal Plain.
<i>Berberis thunbergii</i>	Japanese Barberry	3-5	3-5	Sun/Pt Shade	Grows in any situation, particularly good for poor soil, shade, and exposed places. Good for use as impenetrable hedge (thorns). Tolerates exposure.
<i>Chaenomeles speciosa</i>	Flowering Quince	5-6	5-6	Sun/Pt Shade	Splendid mass with fine foliage, showy flowers, and interesting winter color; excellent for borders, specimen, or hedges.
<i>Hamamelis vernalis</i>	Vernal Witch Hazel	4-6	2-3	Sun/Pt Shade	Useful for borders, low screens, and for naturalizing.
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	4-6	3-5	Pt Shade	Strong-textured accent or specimen for large scale gardens and parks. Excellent flowers and fall foliage color.
<i>Hydrangea macrophylla</i>	Big Leaf Hydrangea	4-5	4-5	Pt Shade	Loads of large rounded flowers in June and July. Flower color determined by soil type.
<i>Kerria japonica</i>	Kerria	4-6	3-5	Sun/Pt Shade	Useful in small groups in foreground of shrub border. Attractive against walls and fences that contrast in color and texture. Can be trained as vine and used in natural areas. Little care required.
<i>Rosa 'Knockout'</i>	Knockout Rose	4-5	3-5	Sun	Compact rounded shrub. Blooms late spring through frost. Disease resistant.
<i>Rosa multiflora</i>	Japanese Rose	4-6	10-15	Sun	May be used over fences and walls and on trellises but requires much space. Forms impenetrable wide hedge (thorns).
<i>Spiraea cantoniensis</i>	Reeves Spirea	4-6	3-5	Sun/Pt Shade	Excellent landscape plant. Use as specimen or accent plant or in shrub borders. Almost evergreen in warmer areas.
<i>Spiraea thunbergii</i>	Thunberg Spirea	3-5	3-4	Sun/Pt Shade	Earliest blooming of spireas. Graceful and delicate in appearance. Foliage retained until late November.
<i>Syringa patula 'Miss Kim;</i>	Lilac	4-6	4-5	Sun	Handsome and useful in shrub borders or as

Medium Deciduous Shrubs (4' – 6' height)		At Maturity (in feet)		Growth Conditions	Remarks
					accent.

Small Evergreen Shrubs (1' – 4' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Aucuba japonica</i> 'Nana'	Dwarf Aucuba	4-5	3-4	Shade	Excellent for dark corners or shady locations.
<i>Azalea hybrida</i>	Satsuki Hybrid Azaleas	2-4	2-4	Pt Shade	Large, showy flowers late in season. Most useful for small-scale areas.
<i>Azalea obtusum</i>	Kurume Azaleas	2-4	2-5	Pt Shade	Brilliant floral display with best color in light shade. Excellent for small gardens.
<i>Buxus harlandii</i>	Harland Boxwood	2-4	2-3	Sun/Pt Shade	Not good as specimen but excellent in low hedges or as edging plant. Grows well in Coastal Plains.
<i>Chamaecyparis obtusa</i> 'Nana Gracilis'	Dwarf Hinoki Cypress	2-4	2-3	Sun/Pt Shade	Excellent as accent or specimen. Not for mass plantings.
<i>Cotoneaster horizontalis</i>	Rockspray Cotoneaster	2-3	5-8	Sun	Charming plant with long season of handsome foliage and fruits; useful for rock gardens or as ground cover, or draping over low walls. Combines well with stone or wood.
<i>Danae racemosa</i>	Alexandrian Laurel	3	2-3	Shade	May be cut for winter displays. Excellent selection for darker corners of patios and fenced gardens as filler or accent. Unique foliage and fruit.
<i>Daphne odora</i>	Winter Daphne	3-4	3	Pt Shade/Shade	Rather expensive and temperamental but beautiful foliage plant. Does not respond to fertilization or pruning and is difficult to establish. Interesting in foreground of mixed shrub plantings, in rock gardens, or as an edging material. Very fragrant blooms in late February/early March.
<i>Euonymus japonicus</i> 'Microphyllus'	Dwarf Japanese Euonymus	2-3	18-24	Sun/Shade	Used for edging, lawn border, or line definition; twigs break easily. Plant destroyed by Euonymus scale unless regularly sprayed.
<i>Hypericum patulum</i>	St. John's Wort	3	3	Sun	More vigorous than species with handsome flower production. Excellent in foreground grouping or in shrub borders and foundation plantings.

Small Evergreen Shrubs (1' – 4' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Ilex cornuta</i> 'Rotunda'	Dwarf Horned Holly	2-3	3-4	Sun/Pt Shade	Requires no care when established. May be used as accent or foundation plant, unclipped hedge or container plant.
<i>Ilex crenata</i> (varieties)	Japanese Holly	2-3	3-5	Sun/Shade	Excellent substitute for Dwarf Boxwood. May be used as edging or accent plant.
<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly	2-4	3-5	Sun/Shade	Excellent as low edging, specimen, or accent plant. Rather formal in character. Withstands drought when well-established. Useful as low growing foundation plant.
<i>Juniperus chinensis</i>	San Jose Juniper	2-3	3-4	Sun/Pt Shade	Prostrate form. Compact sage green foliage. Good filler for large area.
<i>Juniperus squamata</i>	Parsons Juniper	2-3	3-4	Sun/Pt Shade	Dense medium green foliage. Prostrate form. Mass plantings.
<i>Leucothoe axillaris</i>	Coastal Leucothoe	3-4	4	Pt Shade/ Shade	Excellent in masses. Good selection for enclosed city gardens or naturalized along stream banks and woodland trails.
<i>Leucothoe fontanesiana</i>	Drooping Leucothoe	3-4	4-6	Pt Shade/ Shade	Good color and habit; useful for massing and as undergrowth for naturalizing in woods. Good filler between other shrubs.
<i>Ligustrum japonicum</i> 'Rotundifolium'	Curlyleaf Ligustrum	4	3	Sun/Pt Shade	Useful as container specimen. Interesting twisted habit of leaf growth. Withstands adverse city conditions and drought fairly well.
<i>Nandina domestica</i> cultivars	Dwarf Nandina	2-3	2-4	Sun	Compact oval shape with brilliant color in winter.
<i>Pinus mugo</i> 'Compacta'	Mugo Pine	3-4	2-4	Sun	Varies greatly from seed, some plants reaching a height of 8'. Excellent planted in informal masses exposed to full sun and wind. Useful as specimen.
<i>Raphiolepis indica</i>	India Hawthorne	3-4	4-5	Sun/Shade	Strong in character with dramatic appearance. Good informal hedge with excellent foliage and flower color combination. Tolerates wind and salt spray.
<i>Rosmarinus officinalis</i>	Rosemary	2-4	2	Sun	For herb gardens and as accent or background for flowers. May be used as low hedge in warm areas with careful pruning.

Small Evergreen Shrubs (1' – 4' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Skimmia japonica</i>	Japanese Skimmia	4	3	Pt Shade/ Shade	Grown for excellent foliage, flowers, and fruit. Useful in foundation plantings and foreground of mixed shrub plantings or in planter boxes.
<i>Skimmia reevesiana</i>	Reeves Skimmia	1-2	2-3	Pt Shade	Grown for foliage, flowers, and fruits. Excellent for small gardens.
<i>Virburnum davidii</i>	David Virburnum	3	3-5	Sun/Pt Shade	Excellent low-growing foundation plant. Of dignified and rather formal character.
<i>Yucca filamentosa</i>	Adam's Needle Yucca	1-4	2-4	Sun/Pt Shade	Very resistant to drought and adverse growing conditions. Hazardous near play areas because of sharp, pointed leaf blades.

Small Deciduous Shrubs (1' – 4' height)		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Callicarpa dichotoma</i>	Beautyberry	3-4	5-6	Sun	Best in large masses or groups. Graceful arching with purple berries in fall.
<i>Chaenomeles japonica</i>	Japanese Flowering Quince	2-3	2-3	Sun/Pt Shade	Withstands city conditions very well. Showy flowers. Needs leafy background.
<i>Deutzia gracilis</i>	Slender Deutzia	3-4	4	Sun/Pt Shade	Excellent as filler in mixed shrub borders and flower gardens, or as low hedge around entrance, patio or walk. Useful for gardens or foundation plantings
<i>Hypericum kalmianum</i>	Kalm St John's Wort	3	3	Sun	May be used to form low hedge along walks, drives, walls or fences. Often evergreen in warmer areas.
<i>Itea virginica</i>	Sweetspire	3-4	3-4	Sun	Upright arching with fragrant flowers and excellent fall color.
<i>Jasminum nudiflorum</i>	Winter Jasmine	2-4	3-5	Sun/Shade	Suitable for covering banks. Will survive in poor soil. Good for irregular loose hedges. Attractive winter bloom. Little care required.
<i>Potentilla fruticosa</i>	Bush Cinquefoil	2-4	3-5	Sun/Pt Shade	Valued for long flowering season. Excellent in rock



					gardens, over stone walls, or ground cover. Informal hedge or edging material.
<i>Spiraea x bumalda</i>	Spiraea	2-3	3-5	Sun	Good low massing or filler plant. White to pink flowers June into August. Foliage green to yellow.

Evergreen Vines		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Akibia quinata</i>	Fiveleaf Akebia	30-40	Indeterminate	Sun/Lt Shade	Excellent foliage for fences or trellis if carefully controlled. Spreads by long underground runners.
<i>Bignonia capreolatus</i>	Cross Vine	30-50	Indeterminate	Sun	Fast-growing screen for wire fences or trained on masonry walls. Handsome foliage and flower.
<i>Clematis armandii</i>	Armand Clematis	15-20	Indeterminate	Sun	Prefers cool areas. Fast-growing with beautiful flowers; use as accent to cover pergolas and trellises.
<i>Euonymus fortunei</i>	Winter Creeper	3-6	2-4	Sun/Shade	Desirable as low screen against masonry or tree trunks, and may be used as low ground cover for difficult situations in shade or with poor drainage. Tolerates salt spray.
<i>Fatshedera lizei</i>	Bush Ivy	8-9	Indeterminate	Shade/Pt Shade	Excellent espalier plant. Good filler in narrow strips between walk and wall. Tolerates beach conditions if protected from strong winds.
<i>Gelsemium sempervirens &amp; rankenii</i>	Carolina Jessamine	20	Indeterminate	Sun/Shade	Good screening material. Grows well on fences and trellises; train first growth horizontally to cover wire. Will climb on small trees and down spouts.
<i>Hedera colchia</i>	Colchis Ivy	30	Indeterminate	Shade	Useful on fences or as accent. May be sheared to form topiary object. Can be used as ground cover.
<i>Hedera helix</i>	English Ivy	50	Indeterminate	Pt Shade/Shade	May be used as ground cover. Aggressive in adapted conditions.
<i>Lonicera sempervirens</i>	Trumpet Honeysuckle	50	Indeterminate	Sun/Pt Shade	Excellent for naturalizing. Begins bloom early spring and continues throughout summer if grown in sun.
<i>Rosa banksiae</i>	Banks Rose	10-20	Indeterminate	Sun/Pt Shade	Forms good screen; has numerous flowers. Needs space for massive growth and must be trained to support. Requires little maintenance; tolerates salt spray.

Evergreen Vines		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Smilax lanceolata</i>	Smilax	20-30	Indeter- minate	Sun/Shade	Handsome foliage. Forms dense screen on trellises and fences. Spreads by underground shoots. Thorny.
<i>Smilax smallii</i>	Jackson vine	10	Indeter- minate	Sun/Shade	Thorns only on base of stems. Good trellis or arbor.
<i>Trachelospermum asisticum</i>	Yellow Star Jasmine	12	15	Pt Shade	Somewhat more cold hardy than T jasminoides. For spot interest on fences and walls where fragrance may be appreciated. Elegant and interesting foliage.

Deciduous Vines		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Actinidia arguta</i>	Kiwi Vine (Hardy)	25	30	Sun/Pt Shade	Grown mainly for luxuriant effect of foliage but also bears delicious fruit. Use as texture contrast in large scale areas or as accent plant for pergolas and trellises.
<i>Clematis hybrida</i>	Large Flowered Clematis	5-30	Indeter- minate	Sun	Easily trained to wall or form. Requires care throughout year. Restrained and delicate growth habit. Weak climber.
<i>Clematis paniculata</i>	Japanese Clematis	30	Indeter- minate	Sun	Vigorous and easy to grow. Late blooming for decorative screen. Moderately resistant to salt spray.
<i>Clematis virginiana</i>	Virgin's Bower	12-15	Indeter- minate	Sun/Shade	Commonly seen along creek banks and streams. Good for naturalizing. Good foliage effect.
<i>Hydrangea anomala petiolaris</i>	Climbing Hydrangea	50	Indeter- minate	Pt Shade	Clings to masonry and trees without support. Most suitable in rustic environments. Interesting effect on stone. Does not bloom well in dense shade.
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	10-20	Indeter- minate	Sun/Pt Shade	Most useful for large-scale work. Produces quick screen. Resistant to salt spray.
<i>Parthenocissus tricuspidata</i>	Boston Ivy	30	Indeter- minate	Sun/Pt Shade	Clings well on masonry work, small leaf varieties less vigorous. Withstands city conditions well. Cold hardy.
<i>Polygonum aubertii</i>	Fleece Vine	10-20	Indeter- minate	Sun	Fast growing with a profusion of large white clusters Spring to frost.

<b>Deciduous Vines</b>		<b>At Maturity (in feet)</b>		<b>Growth Conditions</b>	<b>Remarks</b>
<b>Botanical Name</b>	<b>Common Name</b>	<b>Height</b>	<b>Spread</b>		
<i>Rosa hybrida</i>	Climbing Rose	6-40	Indeterminate	Sun/Pt Shade	Excellent as cover for chain-link fence. Will bloom better if trained in horizontal plain. Grown for flower effect.
<i>Vitis rotundifolia</i>	Muscadine Grape	50	Indeterminate	Sun	Ideal summer screen. Grown for fruit, screening, and as ornament. Mildly tolerant to salt spray and sandy soil.
<i>Wisteria sinensis</i>	Chinese Wisteria	30+	Indeterminate	Sun	Aggressive vine valued for flowers and foliage; useful on pergolas and trellises. Difficult to transplant. Interesting trunk and stems with age. Rampant growth can girdle trees.

<b>Evergreen Ground Covers</b>		<b>At Maturity (in feet)</b>		<b>Growth Conditions</b>	<b>Remarks</b>
<b>Botanical Name</b>	<b>Common Name</b>	<b>Height</b>	<b>Spread</b>		
<i>Ajuga reptans</i>	Bugle Flower	3"-5"	Indeterminate	Pt Shade	Excellent ground cover.
<i>Aspidistra elatior</i>	Cast Iron Plant	1-2	2-3	Shade	Not strictly ground cover but used in densely shaded spots for massing or accenting.
<i>Carex</i>	Sedge	6" -3'	1-2	Pt Shade/Shade	Grasslike clumping plants useful as edging or single clumps as accent.
<i>Cotoneaster dammeri</i>	Bearberry Cotoneaster	6"-12"	3	Sun/Pt Shade	Effective in rock gardens or on low banks.
<i>Festuca ovina glauca</i>	Blue Fescue	8"-12"	8"-12"	Sun/Pt Shade	Excellent edging or border material but does not form solid carpet.
<i>Helleborum orientalis</i>	Lenten Rose	12"-18"	12"	Shade	Excellent cover for shaded areas; strong texture and attractive winter flowers.
<i>Hypericum calycinum</i>	Aaronsbeard	8"-12"	Indeterminate	Sun/Pt Shade	Flowering mass completely covers ground. Useful as undershrub in woods. Shade limits flower production. Tough, dense, competes with tree roots. Fast growing. Effective for erosion control.
<i>Iberis sempervirens</i>	Evergreen Candytuft	6"-10"	1-2	Sun	Excellent ground cover for edging. Effective in

Evergreen Ground Covers		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
					rockeries.
<i>Juniperus chinesisnsis sargentii</i>	Sargent Juniper	1-2	6-8	Sun	Best variety for adverse conditions. Withstands heat and salt spray.
<i>Juniperus conferta</i>	Shore Juniper	12"-18"	3-5	Sun	Will grow on beach dunes or in clay. Effective in masses. Withstands severe exposure.
<i>Juniperus horizontalis</i>	Creeping Juniper	12"-18"	3-5	Sun	Serviceable for difficult locations. Withstands city conditions.
<i>Liriope muscarii</i>	Liriope	6"-12"	12"-18"	Shade	Thrives in practically any situation and is used to border walks & trees. Withstands salt spray.
<i>Liriope spicata</i>	Creeping Liriope	6"-10"	Indeterminate	Shade	Excellent for preventing soil erosion. Withstands neglect when established.
<i>Ophiopogon japonicus</i>	Mondo Grass	6"-10"	Indeterminate	Sun/Shade	Resistant to drought and cold. Excellent cover for large or small areas. Especially useful under trees.
<i>Pachysandra terminalis</i>	Japanese Spurge	5"-12"	Indeterminate	Shade	Excellent ground cover for shade. Good texture accent on level ground.
<i>Phlox subulata</i>	Thrift	2"-4"	Indeterminate	Sun	Valued for ability to survive in adverse conditions. Useful in mass for ground cover.
<i>Rosa wichuraiana</i>	Memorial Rose	1-2		Sun/Pt Shade	Good barrier planting; may be trained on fence for screen.
<i>Santolina chamaecyparissus</i>	Lavender Cotton	1-2	3-4	Sun	Useful on poor, sandy, or gravelly soils. Stems root where they touch ground. Somewhat salt tolerant.
<i>Santolina virens</i>	Green Santolina	12"-18"	2-3	Sun	Excellent for mass or border plantings. Useful in poor, sandy or gravelly soils.
<i>Sarcococca hookeriana humilis</i>	Small Himalayan Sarcococca	1-2	1-2	Pt Shade	Useful in groups as filler and background, as informal border, or ground cover.
<i>Teucrium chamaedrys</i>	Germander	10"-12"	8"-10"	Sun	Useful for summer bloom in front of evergreens
<i>Vinca minor</i>	Periwinkle	5"-8"	3-4	Pt Shade/Shade	Excellent ground cover under trees and for covering shady banks.

Deciduous Ground Covers		At Maturity (in feet)		Growth Conditions	Remarks
Botanical Name	Common Name	Height	Spread		
<i>Hemerocallis hybrida</i>	Daylily Hybrids	1-2	3-4	Sun/Shade	Useful in masses for large scale or roadside plantings and to control erosion on banks.
<i>Hosta lancifolia</i>	Narrow Leaved Hosta	1-2	4	Shade/Pt Shade	Beautiful in foliage and flower as specimen or border plant. Useful massed or planter boxes.
<i>Hosta plantaginea</i>	Fragrant Hosta	1-2	4	Pt Shade	Excellent for bordering walks and drives in shaded areas or as specimen.