

PLANTINGS

PLANTINGS FOR LANDSCAPE PLANS FOR DEVELOPMENT APPLICATIONS

PROHIBITED SPECIES

The following list includes exotic plant species that may be available in the nursery trade and are known to be invasive or have a likelihood of being invasive in the Hillsborough area. Plants on this list may not be specified for inclusion on landscaping plans for development applications that require plan approval by review boards or town staff. The use of the listed plants is strongly discouraged in non-regulated landscaping projects within the Town and Extraterritorial Jurisdiction.

Invasive Tree Species	
Scientific Name	Common Name
Acer negundo	Boxelder
Acer platanoides	Norway Maple
Acer saccharinum	Silver Maple
Ailanthus altissima	Tree of Heaven
Albizia julibrissin	Mimosa
Broussonetia papyrifera	Paper Mulberry
Celtis occidentalis	Hackberry
Cupressocyparis leylandii	Leyland Cypress
Meia azadarach	Chinaberry
Morus alba	White Mulberry
Paulownia tomentosa	Princess Tree
Populus deltoides	Cottonwood
Populus alba	White Poplar
Populus nigra	Lombardy Poplar
Pyrus calleryana	Bradford Pear
Quercus acutissima	Sawtooth Oak
Robinia pseudoacacia	Black Locust
Salix spp.	Willow
Triadica sebifera	Tallowtree
Ulmus pumila	Siberian Elm

Invasive Shrubs and Vines Species	
Scientific Name	Common Name
Akebia quinata	Fiveleaf Akebia
Ampelopsis brevipedunculata	Porcelain Berry Vine
Berberis thunbergii	Japanese Barberry-dwarf forms may be acceptable
Celastrus orbiculatus	Oriental Bittersweet Vine

Invasive Shrubs and Vines Species	
Scientific Name	Common Name
Clematis paniculatus, C. terniflora	Sweet Autumn Clematis
Eleagnus angustifolia, E. pungens, E. umbellata	Russian Olive, Silverleaf
Euonymus alata	Burning Bush-dwarf forms may be acceptable
Euonymus fortunei	Wintercreeper-dwarf forms may be acceptable
Hedear helix	English Ivy
Ipomoea purpurea, I. Tricolor	Common Morningglory
Ligustrum lucidum	Waxleaf Privet
Ligustrum sinense	Chinese Privet
Lonicera japonica	Common Privet
Lonicera maackii, L. morrowii, L. tatarica	Japanese Honeysuckle
Meilia azedarach	Chinaberry Tree
Rhamnus alnus, R. cathartica	Buckthorn
Rosa multiflora	Multiflora Rose
Spirea japonica	Japanese Spirea
Viburnum dilatatum	Linden Arrowwood
Wisteria floribunda	Japanese Wisteria
Wisteria sinensis	Chinese Wisteria

Invasive Groundcovers and Grasses Species	
Scientific Name	Common Name
Arundinaria sp.	Golden Grove Bamboo
Arundo donax	Giant Reed
Coronilla varia	Crownvetch
Fallopia cuspidatum, Polygonum cuspidatum	Japanese Knotweed
Iris psuedoacorus	Yellow Flag
Lysimachia nummularia	Creeping Jenny
Lythrum salicaria	Purple Loosestrife
Miscanthus sinensis	Chinese Silvergrass
Phalaris arundinacea	Reed Canarygrass
Phyllostachys aurea, P. nigra	Golden Bamboo, Black Bamboo
Polygonum perfoliatum, P. sachalinense	Giant Knotweed
Pueraria montana	Kudzu
Sasa palmata, S. pygmaea	Dwarf Bamboo

RECOMMENDED SPECIES

The following list includes species native to the Southeastern United States that are generally available in the nursery trade and are known to perform well in typical landscape installations in the Hillsborough area. Plants on this list are recommended for inclusion on landscaping plans for development applications that require plan approval by review boards or town staff. The use of the listed plants is encouraged in non-regulated landscaping projects within the Town and Extraterritorial Jurisdiction.

Recommended Small Tree Species		
Scientific Name	Common Name	Mature Height
<i>Acer buergeranum</i>	Trident Maple	35 feet
<i>Acer campestre</i>	Hedge Maple	40 feet
<i>Acer leucoderme</i>	Chalkbark Maple	30 feet
<i>Acer palmatum</i>	Japanese Maple	15-25 feet
<i>Aesculus pavia</i>	Red Buckeye	8-12 feet
<i>Amelanchier arborea</i> , <i>A. laevis</i>	Serviceberry	20-25 feet
<i>Betula pendula</i>	European White Birch	25-40 feet
<i>Carpinus carolina</i>	American Hornbeam	15-25 feet
<i>Catalpa bignonioides</i>	Catalpa	30-40 feet
<i>Cercis canadensis</i>	Eastern Redbud	20-30 feet
<i>Chionanthus virginicus</i>	Fringe Tree	15-20 feet
<i>Cornus alternifolia</i>	Pagoda Dogwood	15-25 feet
<i>Cornus florida</i>	Flowering Dogwood	20-25 feet
<i>Cornus kousa</i>	Kousa Dogwood	25 feet
<i>Cotinus coggygria</i>	Smoketree	15 feet
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	25-35 feet
<i>Crataegus viridis</i>	Green Hawthorn	30 feet
<i>Eriobotrya japonica</i>	Loquat	25 feet
<i>Franlinia alatomaha</i>	Franklinia	10-25 feet
<i>Halesia carolina</i>	Carolina Silverbell	20-40 feet
<i>Hamamelis virginianan</i>	Common Witchhazel	15-20 feet
<i>Ilex cassine</i>	Dahoon Holly	20-30 feet
<i>Ilex decidua</i>	Possumhaw	20-25 feet
<i>Ilex opaca</i>	American Holly	15-30 feet
<i>Ilex verticillata</i>	Winterberry Holly	12-15 feet
<i>Ilex vomitoria</i>	Yaupon Holly	15-20 feet
<i>Juniperus virginiana</i>	Red Cedar	15-20 feet
<i>Koelreuteria paniculata</i>	Goldenraintree	40 feet
<i>Lagerstromia spp.</i>	Crapemyrtle	25 feet
<i>Maackia amurensis</i>	Amur Maackia	30 feet
<i>Magnolia soulangeana</i>	Saucer Magnolia	20-25 feet

Recommended Small Tree Species		
Scientific Name	Common Name	Mature Height
Magnolia stellata	Star Magnolia	15-20 feet
Magnolia tripetela	Umbrella Tree	15-20 feet
Magnolia virginiana	Sweet Bay Magnolia	10-20 feet
Malus spp.	Flowering Crabapple	20 feet
Ostrya virginiana	Hop-hornbeam	20-30 feet
Oxydendrum arboreum	Sourwood	25-30 feet
Pistacia chinensis	Chinese Pistache	35 feet
Prunus americana	American Plum	15-25 feet
Prunus caroliniana	Carolina Cherrylaurel	20 feet
Prunus mume	Japanese Apricot	10-20 feet
Prunus pensylvanica	Pin Cherry	25-30 feet
Prunus sargentii	Sargent Cherry	40 feet
Prunus virginiana	Choke Cherry	30 feet
Ptelea trifoliata	Hoptree	20-30 feet
Punica granatum	Pomegranate	10-20 feet
Salix caprea	Pussy-Willow	12-25 feet
Stewartia pseudocamellia	Stewartia	20-40 feet
Syringa reticulata	Japanese Tree Lilac	30 feet
Thuja spp.	Arborvitae	20-40 feet
Vitex negundo	Chasetree	10-15 feet

Recommended Large Tree Species		
Scientific Name	Common Name	Mature Height
Acer barbatum	Southern Sugar Maple	65 feet
Acer rubrum	Red Maple	60-90 feet
Acer saccharum	Sugar Maple	80-115 feet
Acer x freemanii	Freeman Maple	60-70 feet
Aesculus flava	Yellow Buckeye	60-75 feet
Aesculus hippocastanum	Horsechestnut	70 feet
Aesculus x carnea	Red Horsechestnut	50 feet
Alnus glutinosa	European Alder	60 feet
Betula alleghanienses	Yellow Birch	60-75 feet
Betula lenta	Sweet Birch	70-80 feet
Betula nigra	River Birch	40-50 feet
Carpinus betulus	European Hornbeam	60 feet
Carya illinoensis	Pecan	60-100 feet
Carya spp.	Hickories	60-100 feet
Castanea pumila	Chinquapin	40-65 feet
Cedrus deodora	Deodar Cedar	30-50 feet
Celtis laevigata	Sugar Hackberry	50 feet

Recommended Large Tree Species		
Scientific Name	Common Name	Mature Height
<i>Cladrastis kentuckea</i>	Yellowwood	40-50 feet
<i>Corylus colurna</i>	Turkish Filbert	60 feet
<i>Cryptomeria japonica</i>	Japanese Cryptomeria	40-50 feet
<i>Cunninghamia lanceolata</i>	Chinafir	50-60 feet
<i>Diospyros virginiana</i>	Persimmon	30-60 feet
<i>Eucommia ulmoides</i>	Hardy Rubber Tree	60 feet
<i>Fagus grandifolia</i>	Beech	50-75 feet
<i>Fraxinus americana</i>	White Ash	60-80 feet
<i>Fraxinus pennsylvanica</i>	Green Ash	55 feet
<i>Ginkgo biloba</i>	Ginkgo	55 feet
<i>Gleditsia triacanthos var.inermis</i>	Thornless Honeylocust	80 feet
<i>Gymnocladus dioicus</i>	Kentucky Coffeetree	75 feet
<i>Liquidambar styraciflua</i>	Sweetgum	75 feet
<i>Liriodendron tulipifera</i>	Tulip Tree	80-150 feet
<i>Magnolia acuminata</i>	Cucumber Tree	80-100 feet
<i>Magnolia grandiflora</i>	Southern Magnolia	40-60 feet
<i>Metasequoia glyptostroboides</i>	Dawn Redwood	85 feet
<i>Nyssa sylvatica</i>	Black Gum	50-75 feet
<i>Phellodendron amurense</i>	Amur Corktree	45 feet
<i>Picea rubens</i>	Red Spruce	60-80 feet
<i>Pinus palustris</i>	Longleaf Pine	80-100 feet
<i>Pinus sylvestris</i>	Scotch Pine	40-70 feet
<i>Pinus taeda</i>	Loblolly Pine	70 feet
<i>Platanus occidentalis</i>	Sycamore	75-100 feet
<i>Platanus x acerifolia</i>	London Planetree	80 feet
<u>Prunus serotina</u>	Black Cherry	80-100 feet
<i>Quercus alba</i>	White Oak	60-100 feet
<i>Quercus coccinea</i>	Scarlet Oak	60-80 feet
<i>Quercus imbricaria</i>	Shingle Oak	60 feet
<i>Quercus laurifolia</i>	Laurel Oak	60-80 feet
<i>Quercus lyrata</i>	Overcup Oak	45 feet
<i>Quercus macrocarpa</i>	Bur Oak	80 feet
<i>Quercus montana</i>	Chestnut Oak	60-70 feet
<i>Quercus nigra</i>	Water Oak	80-100 feet
<i>Quercus pagodifolia</i>	Cherrybark Oak	100-130 feet
<i>Quercus palustris</i>	Pin Oak	60-80 feet
<i>Quercus phellos</i>	Willow Oak	90 feet
<i>Quercus robur</i>	English Oak	60 feet
<i>Quercus rubra</i>	Red Oak	70-90 feet
<i>Quercus stellata</i>	Post Oak	30-70 feet

Recommended Large Tree Species		
Scientific Name	Common Name	Mature Height
Quercus virginiana	Live Oak	80 feet
Salix babylonica	Weeping Willow	30-50 feet
Sassafras albidum	Common Sassafras	40-60 feet
Sophora japonica	Japanese Pagodatree	70 feet
Taxodium distichum	Bald Cypress	50-70 feet
Tilia americana	American Linden	40-50 feet
Tilia cordata	Littleleaf Linden	80 feet
Tilia tomentosa	Silver Linden	70 feet
Tsuga canadensis	Canadian Hemlock	60-80 feet
Tsuga caroliniana	Carolina Hemlock	40-70 feet
Ulmus americana	Princeton Elm	75-125 feet
Ulmus parvifolia	Lacebark Elm	75 feet
Ulmus spp.	Hybrid Elms	60 feet
Zelkova serrata	Japanese Zelkova	70 feet

Recommended Large Shrubs		
Common Name	Scientific Name	Mature Height
Clethra acuminata	Cinnamonbark	12-20 feet
Fothergilla major	Large Fothergilla	10-15 feet
Ilex montana	Mountain Winterberry	30 feet
Ilex verticillata	Common Winterberry	10-12 feet
Lagerstroemia indica	Crape Myrtle	10-20 feet
Loropetalum chinense	Chinese Fringe Flower	10-12 feet
Myrica pusilla	Dwarf Waxmyrtle	20-30 feet
Osmanthus fragrans	Sweet Tea Olive	20 feet
Philadelphus inodorus	Mock Orange	10-12 feet
Prunus caroliniana	Cherry Laurel	15-20 feet
Rhododendron maximum	Rosebay Rhododendron	30-40 feet
Thuja occidentalis	Arborvitae	20 feet
Viburnum rufidulum	Blackhaw Viburnum	12-15 feet

Recommended Mid-size Shrubs		
Scientific Name	Common Name	Mature Height
Aronia arbutifolia	Red Chokeberry	6-8 feet
Aronia melanocarpa	Black Chokeberry	6-8 feet
Buddleia Davidii	Butterfly Bush	6 feet
Calycanthus floridus	Sweetshrub	6-9 feet
Clethra alnifolia	Summersweet clethra	4-8 feet
Cornus amomum	Silky Dogwood	6-8 feet

Recommended Mid-size Shrubs		
Scientific Name	Common Name	Mature Height
<i>Corylus americana</i>	Hazelnut	6-15 feet
<i>Diervilla sessilifolia</i>	Bush-honeysuckle	6-8 feet
<i>Euonymus americanus</i>	Hearts-a-bustin	6-8 feet
<i>Forsythia x intermedia</i>	Goldenbells	8-10 feet
<i>Hamamelis virginiana</i>	Common Witch Hazel	8-10 feet
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	6-8 feet
<i>Hypericum densiflorum</i>	Dense Hypericum	6-8 feet
<i>Ilex Aquifoliaceae</i>	Winterberry Holly	8-10 feet
<i>Ilex glabra</i>	Inkberry Holly	4-6 feet
<i>Illicium floridanum</i>	Florida Anise	8-10 feet
<i>Kalmia latifolia</i>	Mountain Laurel	6-12 feet
<i>Lindera benzoin</i>	Spicebush	6-8 feet
<i>Mahonia bealei</i>	Leatherleaf Mahonia	5-6 feet
<i>Rhododendron aborescens</i>	Sweet Azalea	6-12 feet
<i>Rhododendron calendulaceum</i>	Flame Azalea	8-10 feet
<i>Rhododendron carolinianum</i>	Carolina Rhododendron	6 feet
<i>Rhododendron catawbiense</i>	Mountain Rosebay	10 feet
<i>Rhododendron periclymenoides</i>	Wild or Pinxter Azalea	6 feet
<i>Rhododendron vaseyi</i>	Pinkshell Azalea	6-8 feet
Rhus glabra	Smooth Sumac	5-15 feet
<i>Rosa palustris</i>	Swamp Rose	5-6 feet
Salix sericea	Silky Willow	6-10 feet
Sambucus canadensis	Elderberry	6-12 feet
Symphoricarpus orbiculatus	Coral Berry	6 feet
<i>Taxus Baccata</i>	Common Yew	10 feet
Vaccinium corymbosum	Highbush Blueberry	4-7 feet
<i>Vaccinium stamineum</i>	Deerberry	6-8 feet
<i>Viburnum cassinoides</i>	Witherod Viburnum	6 feet
<i>Viburnum alnifolium</i>	Hobblebush	10 feet
Viburnum dentatum	Arrowwood	6-8 feet
<i>Weigelia florida</i>	Weigelia	7-9 feet

Recommended Small Shrubs		
Scientific Name	Common Name	Mature Height
<u>Alnus serrulata</u>	Tag alder	4-6 feet
Callicarpa americana	American Beautyberry	4 feet
Callicarpa dichotoma	Purple Beautyberry	4 feet
Callicarpa japonica	Japanese Beautyberry	4 feet
Camellia japonica	Japanese Camellia	6-8 feet
Camellia sasanqua	Sasanqua Camellia	6-8 feet
Ceanothus americanus	New Jersey Tea	3-4 feet
Comptonia peregrina	Sweetfern	2-3 feet
Hydrangea aborescens	Snowhill Hydrangea	4 feet
Hypericum prolificum	Shrubby St. John's Wort	1-2 feet
Itea virginica	Virginia Sweetspire	4 feet
Kalmia latifolia	Mountain Laurel	3-5 feet
Leucothoe fontanesiana	Drooping Leucothoe	3-6 feet
Rosa carolina	Carolina Rose	3-4 feet
Spirea x bumalda	Goldflame	3-4 feet
Spirea Japonica	Japanese Spirea	3-4 feet
Vaccinium pallidum	Lowbush Blueberry	2-3 feet
Viburnum acerifolium	Maple-leaf Viburnum	4 feet

Recommended Groundcovers and Grasses Species	
Scientific Name	Common Name
Andropogon gerardii	Big Bluestem
Andropogon virginicus	Broomsedge
Antennaria plantaginifolia	Pussy's Toes
Arundinaria gigantea ssp. gigantea	River Cane
Asarum canadense	Wild Ginger
Baultheria procumbens	Wintergreen
Carex pennsylvanica	Pennsylvania Sedge
Carex plantaginea	Plantain-leaved Sedge
Chasmanthium latifolium	River Oats
Chrysogonum virginianum	Green-and-gold
Coreopsis auriculata	Mouse-eared Coreopsis
Danthonia compressa	Oat Grass
Echinacea Purpurea	Purple Coneflower
Elymus bystrix	Bottle Brush
Fragaria virginiana	Wild Strawberry
Hexastylis arifolia	Little Brown Jugs

<i>Iris cristata</i>	Dwarf crested iris
<i>Mitchella repens</i>	Partridge Berry
<i>Monarda</i>	Bee Balm
<i>Pachysandra procumbens</i>	Allegheny Spurge
<i>Panicum virgatum</i>	Switchgrass
<i>Phacelia bipinnatifida</i>	Phacelia
<i>Phlox amoena</i>	Chalice Phlox
<i>Phlox divaricata</i>	Wild Blue Phlox
<i>Phlox stolonifera</i>	Creeping Phlox
<i>Pityopsis graminifolia</i>	Golden Aster
<i>Polystichum acrostichoides</i>	Christmas Fern
<i>Rudbeckia</i>	Black-eye Susan
<i>Schizachyrium scoparium</i>	Little Bluestem
<i>Shortia galacifolia</i>	Oconee Bells
<i>Sisyrinchium mucronatum</i>	Blue-eyed Grass
<i>Sorghastrum nutans</i>	Indian Grass
<i>Tiarella cordifolia</i>	Foamflower
<i>Tripsacum dactyloides</i>	Eastern Gamma Grass
<i>Xanthorhiza simplicissima</i>	Yellow-root

Recommended Vine Species	
Scientific Name	Common Name
<i>Aristolochia macrophylla</i>	Dutchman's Pipe
<i>Bignonia capreolata</i>	Crossvine
<i>Campsis radicans</i>	Trumpet Creeper
<i>Clematis virginiana</i>	Virgin's Bower
<i>Decumaria barbara</i>	Climbing Hydrangea
<i>Gelsemium sempervirens</i>	Carolina Jasmine
<i>Lonicera sempervirens</i>	Coral Honeysuckle
<i>Parthenocissus quinquefolia</i> (2)	Virginia Creeper
<i>Passiflora incarnata</i>	Passion Flower
<i>Vitis labrusca</i>	Fox Grape