

**Commission General Planting Recommendations and
List of Acceptable and Unacceptable Plants**

(ver. 9/12/10)

(Source: Text changes and native species additions are from “Southampton Town Environment Division Reforestation Requirements and Specifications” of 10/13/05. This is also a reformatting of the original Figure 5-2 by grouping species by general category.)

Native plants are more drought tolerant than nonnative species, are adapted to our local environment, maintain natural ecological diversity, perpetuate fast disappearing native genotypes, and comprise a form of habitat restoration.

Planting, vegetation and reforestation requirements should be tailored to individual sites so as to re-establish as much as possible the appropriate Long Island ecological community type(s).

General Planting Specifications:

Deciduous Trees: 2 ½ – 3 ½ inches caliper, 10 feet on center, balled and burlapped

Evergreen Trees: only pitch pines and American holly, not white pines); minimum 4-5 feet in height, balled and burlapped

Shrubs: minimum 2-3 gallon container or, where required, 4-6 gallon container grown, 4 feet on center.

Groundcovers: minimum 1 gallon container grown, 2 feet on center.

Natural grasses: plugs only, 12 inches on center.

Notes: - Mulching with native leaf litter, pine needles, or finely shredded wood is desirable.

- Temporary irrigation but typically, no permanent irrigation, may be useful.

- An 85 % or better survival rate over 2-5 years, is a desirable measure.

- Allowance may be made for supplementation with native wildflowers 12 inches on center.

*(Note and Source: In the following tables, species listed in the 1995 Plan are **boldfaced**. All other native plant additions are from the Southampton Town document noted above.)*

Recommended native trees:

Acer rubrum	Red Maple
Alnus rugosa	Speckled Alder
Alnus serrulata	Common Alder
Amelanchier canadensis	Shadbush
Betula lenta	Black Birch
Betula populifolia	Gray Birch
Carpinus caroliniana	American Hornbeam or Ironwood
Carya glabra	Pignut Hickory

Celtis occidentalis	Hackberry
Cornus florida	Flowering Dogwood
Crataegus crusgalli	Hawthorne
Diospyros virginiana	Persimmon
Fagus grandifolia	American Beech
Fraxinus americana	White Ash
Hamamelis virginiana	Witch Hazel
Ilex opaca	American Holly
Juniperus virginiana	Eastern Red Cedar
Liquidambar styraciflua	Sweet Gum
Liriodendron tulipifera	Tulip Tree
Magnolia virginiana	Swamp Magnolia or Sweet Bay Magnolia
Nyssa sylvatica	Black Gum
Pinus rigida	Pitch Pine
Populus tremuloides	Quaking Aspen
Prunus serotina	Black Cherry
Quercus alba	White Oak
Quercus bicolor	Swamp White Oak
Quercus coccinea	Scarlet Oak
Quercus ilicifolia	Scrub Oak
Quercus prinus	Chestnut Oak
Quercus rubra	Red Oak
Quercus stellata	Post Oak
Quercus velutina	Black Oak
Sassafras albidum	Sassafras
Tilia americana	American Linden

Recommended native shrubs:

Amelanchier canadensis	Shadbush
Aronia arbutifolia	Red Chokeberry
Aronia melanocarpa	Black Chokeberry
Clethra alnifolia	Sweet Pepperbush
Comptonia peregrina	Sweetfern
Gaylussacia baccata	Black Huckleberry
Ilex glabra	Inkberry
Ilex verticillata	Winterberry
Kalmia angustifolia	Sheep Laurel
Kalmia latifolia	Mountain Laurel
Leucothoe racemosa	Fetterbush
Lindera benzoin	Spicebush
Lyonia ligustrina	Maleberry
Lyonia mariana	Staggerbush
Myrica pensylvanica	Bayberry
Myrica pensylvanica	Northern Bayberry

Prunus maritima	Beach Plum
Rhododendron viscosum	Swamp Azalea
Rhus copallina	Shining Sumac
Rosa palustris	Swamp Rose
Rosa virginiana	Pasture Rose
Rosa virginiana	Virginia Rose
Rubus allegheniensis	Northern Blackberry
Salix discolor	Pussy Willow
Sambucus canadensis	American Elder
Spirea latifolia	Spirea or Steeplebush
Vaccinium corymbosum	Highbush Blueberry
Viburnum acerifolium	Maple-leafed Viburnum
Viburnum dentatum	Arrowwood
Viburnum lentago	Nannyberry
Viburnum nudum	Witherod
Viburnum prunifolium	Black Haw
Viburnum recognitum	Northern Arrowwood

Recommended native grasses, wildflowers, groundcovers, etc.:

Aguilegia canadensis	Wild Columbine
Andropogon gerardi	Big Bluestem
Andropogon scoparius	Little Bluestem
Andropogon virginicus	Broom Sedge
Arctostaphylos uva-ursi	Bearberry
Asclepias tuberosa	Butterfly Weed
Aster linariifolius	Stiff Aster
Aster novae-angliae	New England Aster
Aster novi-belgii	New York Aster
Baptisa tinctoria	Wild Indigo
Carex pensylvanica	Pennsylvania Sedge
Dennstaedtia punctilobula	Hay-scented Fern
Deschampsia flexuosa	Common Hairgrass
Dryopteris cristata	New York Fern
Epigaea repens	Trailing Arbutus
Gaultheria procumbens	Wintergreen
Geranium maculatum	Wild Geranium
Hudsonia ericoides	Golden Heather
Liatris spicata	Blazing Star
Lobelia cardinalis	Cardinal Flower
Lupinus perennis	Blue Lupine
Maianthemum canadense	Canada Mayflower
Monarda didyma	Beebalm
Monarda fistulosa	Bergamot
Monarda punctata	Horsemint

Onoclea sensibilis	Sensitive Fern
Osmunda cinnamomea	Cinnamon Fern
Osmunda regalis	Royal Fern
Parthenocissus quinquefolia	Virginia Creeper
Pteridium aguilinum	Bracken Fern
Sisyrinchium angustifolium	Blue-eyed Grass
Solidago species	Goldenrod
Vaccinium angustifolium	Lowbush Blueberry
Vernonia noveboracensis	New York Ironweed
Viola pendata	Birds Foot Violet

Invasive, nonnative plants specifically not recommended acceptable:

(Source: Additions to invasive species list below are from either:

- (1) 2007 Suffolk County legislation regulating nonnative species (the law named several species which were already in the 1995 Plan, so see the legislation for a complete list of the species covered by that law), or*
- (2) the 2006-2007 Invasive Plant Inventory and Assessment of Core area public lands conducted by the Commission and The Nature Conservancy.*
- As above, **boldface** indicates species listed in the 1995 Plan.)*

Acer platanoides	Norway Maple
Acer pseudoplatanus	Sycamore Maple
Ailanthus altissima	Tree of Heaven
Akebia quinata	Chocolate Vine
Albezia julibrissin	Mimosa
Alliaria petiolata	Garlic Mustard
Ampelopsis brevipedunculata	Porcelain Berry Vine
Anthriscus sylvestris	Wild Chervil
Aralia elata	Japanese Angelica Tree
Artemisia vulgaris	Mugwort or Common Wormwood
Berberis thunbergii	Japanese Barberry
Cabomba caroliniana A. Gray	Cabomba or Carolina Fanwort
Cardamine impatiens L.	Narrowleaf Bittercress
Carduus nutans	Nodding Thistle
Caulerpa taxifolia	Marine Killer Algae
Celastrus orbiculatus	Asiatic or Oriental Bittersweet
Centaurea maculosa (biebersteinii)	Spotted Knapweed
Cirsium arvense	Canada Thistle
Cirsium vulgare	Bull Thistle
Clematis terniflora	Yam Leaf Clematis
Coronilla varia	Crown Vetch
Cynanchum louiseae nigrum a/k/a Vincetoxicum nigrum	Black Swallow Wort
Cynanchum rossicum a/k/a Vincetoxicum rossicum	Pale Swallow Wort

<i>Datura stramonium</i>	Jimsonweed
<i>Egeria densa</i>	Brazilian Water Weed
<i>Eleagnus angustifolia</i>	Russian Olive
<i>Eleagnus umbellata</i>	Autumn Olive
<i>Euonymus alata</i>	Winged Burning Bush
<i>Euphorbia cyparissias</i>	Cypress Spurge
<i>Euphorbia esula</i>	Leafy Spurge
<i>Froelichia gracilis</i> (Hook. Moq.)	Cottonweed
<i>Glaucium flavum</i> Crantz	Sea Poppy or Yellow Horned Poppy
<i>Glossostigma diandrum</i>	Mudmat
<i>Hedera helix</i>	English Ivy
<i>Heracleum mantegazzianum</i>	Giant Hogweed
<i>Hermerocallis fulva</i>	Day Lily
<i>Hesperis matronalis</i> L.	Dame's Rocket
<i>Humulus japonicus</i>	Japanese Hops
<i>Hydrilla verticillata</i>	Hydrilla
<i>Hydrocharis morsus-ranae</i>	European Frog Bit (aquatic)
<i>Impatiens glandulifera</i> royle	Tall Impatiens or Purple Balsam
<i>Lepidium latifolium</i>	Tall Pepperweed or Perennial Pepperweed
<i>Lespedeza cuneata</i>	Himalayan Bushclover
<i>Ligustrum obtusifolium</i> Sie.& Zucc	Border Privet
<i>Ligustrum sinense</i>	Chinese Privet
<i>Lonicera bella</i>	Bell's Honeysuckle
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Lonicera maackii</i>	Amur Honeysuckle
<i>Lonicera morrowii</i>	Morrow's Honeysuckle
<i>Lonicera</i> spp.	Bush Honeysuckle
<i>Lonicera tartarica</i>	Tartarian Honeysuckle
<i>Lonicera xylosteum</i> L.	Dwarf Fly Honeysuckle
<i>Ludwigia hexapetala</i>	Water Primrose
<i>Ludwigia peploides</i>	Floating Primrose Willow or Water Purslane
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Microstegium vimineum</i>	Japanese Stiltgrass
<i>Miscanthus sinensis</i>	Eulalia or Chinese Silvergrass
<i>Morus Alba</i>	White Mulberry
<i>Myosotis scorpioides</i> L.	Forget-me-not (aquatic)
<i>Myriophyllum aquaticum</i> (Vell.) Verdc a/k/a <i>M. brasilense</i>	Parrot Feather or Brazilian Water Milfoil
<i>Myriophyllum spicatum</i> L.	Eurasian Water Milfoil
<i>Najas minor</i> Allioni	Eutrophic Water Nymph
<i>Nasturtium officinale</i>	Watercress
<i>Nelumbo nucifera</i>	Pink Lotus
<i>Nymphoides peltata</i>	Yellow Floating Heart
<i>Paulownia tomentosa</i>	Princess Tree

<i>Phalaris arundinacea</i> L.	Reed Canary Grass
<i>Phragmites australis</i>	Common Reed Grass (non native genotype)
<i>Phyllostachys</i> spp.	Bamboo
<i>Pinus nigra</i>	Black Pine
<i>Polygonum cuspidatum</i>	Mexican Bamboo or Japanese Knotweed
<i>Polygonum perfoliatum</i>	Mile A Minute Vine
<i>Polygonum sachaliensis</i> (Fallopia)	Giant Knotweed
<i>Potamogeton crispus</i> L.	Curly Leaf Pondweed
<i>Pueraria lobata</i>	Kudzu
<i>Pyrus calleryana</i>	Bradford Pear
<i>Ranunculus ficaria</i>	Lesser Celandine
<i>Rhamnus cathartica</i>	Common Buckthorn
<i>Robinia pseudoacacia</i>	Black Locust
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rosa rugosa</i>	Rugosa Rose or Salt Spray Rose
<i>Rubus phoenicolasias</i> Maxim.	Wineberry
<i>Rudbeckia hirta</i>	Black Eyed Susan
<i>Salvinia molesta</i>	Giant Salvinia or Chinese Lespedeza
<i>Senecio jacobaea</i>	Tansy Ragwort or Stinking Willie
<i>Silphium perfoliatum</i> L.	Cup Plant
<i>Solanum dulcamara</i>	Climbing Nightshade
<i>Trapa natans</i>	Water Chestnut
<i>Verbascum thapsus</i>	Common Mullein
<i>Vinca minor</i>	Periwinkle
<i>Vitex rotundifolia</i> L. F.	Beach Vitex or Roundleaf Chastetree
<i>Wisteria</i> spp.	Wisteria