

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

(ver. 9/12/10, rev. 8-20-14)

(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:

These General Planting Specifications should be considered as guidelines and sizes, types of vegetation and planting configuration can be varied to address the constraints and parameters of a particular project site and to achieve restoration goals for a particular project site.

- 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

<i>Lyonia ligustrina</i>	Maleberry
<i>Lyonia mariana</i>	Staggerbush
<i>Myrica pensylvanica</i>	Bayberry
<i>Myrica pensylvanica</i>	Northern Bayberry
<i>Prunus maritima</i>	Beach Plum
<i>Rhododendron viscosum</i>	Swamp Azalea
<i>Rhus copallina</i>	Shining Sumac
<i>Rosa palustris</i>	Swamp Rose
<i>Rosa virginiana</i>	Pasture Rose
<i>Rosa virginiana</i>	Virginia Rose
<i>Rubus allegheniensis</i>	Northern Blackberry
<i>Salix discolor</i>	Pussy Willow
<i>Sambucus canadensis</i>	American Elder
<i>Spiraea latifolia</i>	Spiraea or Steeplebush
<i>Vaccinium corymbosum</i>	Highbush Blueberry
<i>Viburnum acerifolium</i>	Maple-leafed Viburnum
<i>Viburnum dentatum</i>	Arrowwood
<i>Viburnum lentago</i>	Nannyberry
<i>Viburnum nudum</i>	Witherod
<i>Viburnum prunifolium</i>	Black Haw
<i>Viburnum recognitum</i>	Northern Arrowwood

Recommended native grasses, wildflowers, groundcovers, etc.:

<i>Aquilegia canadensis</i>	Wild Columbine
<i>Andropogon gerardi</i>	Big Bluestem
<i>Andropogon scoparius</i>	Little Bluestem
<i>Andropogon virginicus</i>	Broom Sedge
<i>Arctostaphylos uva-ursi</i>	Bearberry
<i>Asclepias tuberosa</i>	Butterfly Weed
<i>Aster linariifolius</i>	Stiff Aster
<i>Aster novae-angliae</i>	New England Aster
<i>Aster novi-belgii</i>	New York Aster
<i>Baptisa tinctoria</i>	Wild Indigo
<i>Carex pensylvanica</i>	Pennsylvania Sedge
<i>Dennstaedtia punctilobula</i>	Hay-scented Fern
<i>Deschampsia flexuosa</i>	Common Hairgrass
<i>Dryopteris cristata</i>	New York Fern
<i>Epigaea repens</i>	Trailing Arbutus
<i>Gaultheria procumbens</i>	Wintergreen
<i>Geranium maculatum</i>	Wild Geranium
<i>Hudsonia ericoides</i>	Golden Heather
<i>Liatris spicata</i>	Blazing Star
<i>Lobelia cardinalis</i>	Cardinal Flower
<i>Lupinus perennis</i>	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 aquilinum	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
Datura stramonium	Jimsonweed
Egeria densa	Brazilian Water Weed
Eleagnus angustifolia	Russian Olive
Eleagnus umbellata	Autumn Olive
Euonymus alata	Winged Burning Bush
Euphorbia cyparissias	Cypress Spurge
Euphorbia esula	Leafy Spurge
Froelichia gracilis (Hook. Moq.)	Cottonweed
Glaucium flavum Crantz	Sea Poppy or Yellow Horned Poppy
Glossostigma diandrum	Mudmat
Hedera helix	English Ivy
Heracleum mantegazzianum	Giant Hogweed
Hermerocallis fulva	Day Lily
Hesperis matronalis L.	Dame's Rocket
Humulus japonicus	Japanese Hops
Hydrilla verticillata	Hydrilla
Hydrocharis morsus-ranae	European Frog Bit (aquatic)
Impatiens glandulifera royle	Tall Impatiens or Purple Balsam
Lepidium latifolium	Tall Pepperweed or Perennial Pepperweed
Lespedeza cuneata	Himalayan Bushclover
Ligustrum obtusifolium Sie.& Zucc	Border Privet
Ligustrum sinense	Chinese Privet
Lonicera bella	Bell's Honeysuckle
Lonicera japonica	Japanese Honeysuckle
Lonicera maackii	Amur Honeysuckle
Lonicera morrowii	Morrow's Honeysuckle
Lonicera spp.	Bush Honeysuckle
Lonicera tartarica	Tartarian Honeysuckle
Lonicera xylosteum L.	Dwarf Fly Honeysuckle
Ludwigia hexapetala	Water Primrose
Ludwigia peploides	Floating Primrose Willow or Water Purslane
Lythrum salicaria	Purple Loosestrife
Microstegium vimineum	Japanese Stiltgrass
Miscanthus sinensis	Eulalia or Chinese Silvergrass
Morus Alba	White Mulberry
Myosotis scorpioides L.	Forget-me-not (aquatic)
Myriophyllum aquaticum (Vell.) Verdc a/k/a M. brasilense	Parrot Feather or Brazilian Water Milfoil
Myriophyllum spicatum L.	Eurasian Water Milfoil
Najas minor 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>Robina 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