

**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
<b>Betula lenta</b>	<b>Black Birch</b>
<b>Betula populifolia</b>	<b>Gray Birch</b>
Carpinus caroliniana	American Hornbeam or Ironwood
Carya glabra	Pignut Hickory

<b>Celtis occidentalis</b>	<b>Hackberry</b>
Cornus florida	Flowering Dogwood
Crataegus crusgalli	Hawthorne
Diospyros virginiana	Persimmon
Fagus grandifolia	American Beech
Fraxinus americana	White Ash
<b>Hamamelis virginiana</b>	<b>Witch Hazel</b>
<b>Ilex opaca</b>	<b>American Holly</b>
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
<b>Pinus rigida</b>	<b>Pitch Pine</b>
<b>Populus tremuloides</b>	<b>Quaking Aspen</b>
<b>Prunus serotina</b>	<b>Black Cherry</b>
<b>Quercus alba</b>	<b>White Oak</b>
Quercus bicolor	Swamp White Oak
<b>Quercus coccinea</b>	<b>Scarlet Oak</b>
Quercus ilicifolia	Scrub Oak
Quercus prinus	Chestnut Oak
<b>Quercus rubra</b>	<b>Red Oak</b>
Quercus stellata	Post Oak
Quercus velutina	Black Oak
<b>Sassafras albidum</b>	<b>Sassafras</b>
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
<b>Ilex glabra</b>	<b>Inkberry</b>
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
<b>Myrica pensylvanica</b>	<b>Northern Bayberry</b>

<b>Prunus maritima</b>	<b>Beach Plum</b>
Rhododendron viscosum	Swamp Azalea
Rhus copallina	Shining Sumac
Rosa palustris	Swamp Rose
Rosa virginiana	Pasture Rose
<b>Rosa virginiana</b>	<b>Virginia Rose</b>
<b>Rubus allegheniensis</b>	<b>Northern Blackberry</b>
<b>Salix discolor</b>	<b>Pussy Willow</b>
Sambucus canadensis	American Elder
<b>Spirea latifolia</b>	<b>Spirea or Steeplebush</b>
<b>Vaccinium corymbosum</b>	<b>Highbush Blueberry</b>
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
<b>Andropogon gerardi</b>	<b>Big Bluestem</b>
<b>Andropogon scoparius</b>	<b>Little Bluestem</b>
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
<b>Dennstaedtia punctilobula</b>	<b>Hay-scented Fern</b>
Deschampsia flexuosa	Common Hairgrass
Dryopteris cristata	New York Fern
<b>Epigaea repens</b>	<b>Trailing Arbutus</b>
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
<b>Parthenocissus quinquefolia</b>	<b>Virginia Creeper</b>
<b>Pteridium aguilinum</b>	<b>Bracken Fern</b>
Sisyrinchium angustifolium	Blue-eyed Grass
<b>Solidago species</b>	<b>Goldenrod</b>
<b>Vaccinium angustifolium</b>	<b>Lowbush Blueberry</b>
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.)*

<b>Acer platanoides</b>	<b>Norway Maple</b>
<b>Acer pseudoplatanus</b>	<b>Sycamore Maple</b>
Ailanthus altissima	Tree of Heaven
Akebia quinata	Chocolate Vine
Albezia julibrissin	Mimosa
Alliaria petiolata	Garlic Mustard
<b>Ampelopsis brevipedunculata</b>	<b>Porcelain Berry Vine</b>
Anthriscus sylvestris	Wild Chervil
Aralia elata	Japanese Angelica Tree
Artemisia vulgaris	Mugwort or Common Wormwood
<b>Berberis thunbergii</b>	<b>Japanese Barberry</b>
Cabomba caroliniana A. Gray	Cabomba or Carolina Fanwort
Cardamine impatiens L.	Narrowleaf Bittercress
Carduus nutans	Nodding Thistle
Caulerpa taxifolia	Marine Killer Algae
<b>Celastrus orbiculatus</b>	<b>Asiatic or Oriental Bittersweet</b>
Centaurea maculosa (biebersteinii)	Spotted Knapweed
Cirsium arvense	Canada Thistle
Cirsium vulgare	Bull Thistle
Clematis terniflora	Yam Leaf Clematis
<b>Coronilla varia</b>	<b>Crown Vetch</b>
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
<b><i>Eleagnus umbellata</i></b>	<b>Autumn Olive</b>
<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
<b><i>Lespedeza cuneata</i></b>	<b>Himalayan Bushclover</b>
<i>Ligustrum obtusifolium</i> Sie.& Zucc	Border Privet
<b><i>Ligustrum sinense</i></b>	<b>Chinese Privet</b>
<i>Lonicera bella</i>	Bell's Honeysuckle
<b><i>Lonicera japonica</i></b>	<b>Japanese Honeysuckle</b>
<b><i>Lonicera maackii</i></b>	<b>Amur Honeysuckle</b>
<i>Lonicera morrowii</i>	Morrow's Honeysuckle
<i>Lonicera</i> spp.	Bush Honeysuckle
<b><i>Lonicera tartarica</i></b>	<b>Tartarian Honeysuckle</b>
<i>Lonicera xylosteum</i> L.	Dwarf Fly Honeysuckle
<i>Ludwigia hexapetala</i>	Water Primrose
<i>Ludwigia peploides</i>	Floating Primrose Willow or Water Purslane
<b><i>Lythrum salicaria</i></b>	<b>Purple Loosestrife</b>
<i>Microstegium vimineum</i>	Japanese Stiltgrass
<b><i>Miscanthus sinensis</i></b>	<b>Eulalia or Chinese Silvergrass</b>
<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
<b><i>Pinus nigra</i></b>	<b>Black Pine</b>
<b><i>Polygonum cuspidatum</i></b>	<b>Mexican Bamboo or Japanese Knotweed</b>
<i>Polygonum perfoliatum</i>	Mile A Minute Vine
<i>Polygonum sachaliensis</i> (Fallopia)	Giant Knotweed
<i>Potamogeton crispus</i> L.	Curly Leaf Pondweed
<b><i>Pueraria lobata</i></b>	<b>Kudzu</b>
<i>Pyrus calleryana</i>	Bradford Pear
<i>Ranunculus ficaria</i>	Lesser Celandine
<i>Rhamnus cathartica</i>	Common Buckthorn
<b><i>Robina pseudoacacia</i></b>	<b>Black Locust</b>
<b><i>Rosa multiflora</i></b>	<b>Multiflora Rose</b>
<b><i>Rosa rugosa</i></b>	<b>Rugosa Rose or Salt Spray Rose</b>
<i>Rubus phoenicolasias</i> Maxim.	Wineberry
<b><i>Rudbeckia hirta</i></b>	<b>Black Eyed Susan</b>
<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