

# Alternatives to Ornamental Invasive Plants

*A sustainable solution for Long Island horticulture*

Long Island is one of many locations throughout the U.S. that has taken progressive steps towards improving the environment by reducing the spread of invasive plants. Invasive plants have damaged Long Island's unique woodlands by replacing native flora, and in turn, negatively impacting wildlife and natural ecosystem processes. Invasive species are among the top causes of biodiversity loss across the globe.

You can be part of the solution, by growing and planting alternatives to ornamental invasive plants! These plants were selected based upon their similar ornamental characteristics and cultural requirements compared to the invasives. Alternative plants may be native or non-native, but are not invasive. Alternative plants are well-adapted to Long Island, and many are readily available at Long Island nurseries. You can help make the future of Long Island greener by growing these "native-friendly" plants!

## **Plant Selection Committee:**

*Alexis Alvey - Cornell Cooperative Extension of Suffolk County*

*Dwight Andrews - Dwight Andrews Landscape Design; Long Island Nursery & Landscape Association*

*Jonathan Lehrer - Farmingdale State College, State University of New York*

*Charles Scheer - Half Hollow Nursery; Long Island Farm Bureau*

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*Vincent Simeone - Planting Fields Arboretum State Historic Park*

*Ellen Talmage - Long Island Nursery & Landscape Association*

## **For more information, visit:**

[www.nyis.info](http://www.nyis.info)

[www.ccesuffolk.org](http://www.ccesuffolk.org)



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*Alternatives: Eastern Baccharis*



*'Heavy Metal' Switchgrass*



*'Kobold' Dense Blazing Star*



*Cornell Cooperative Extension of Suffolk County provides equal program and employment opportunities.*

*Please contact the Cornell Cooperative Extension of Suffolk County office if you have any special needs.*

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# Invasive Plants Banned on Long Island & Their Alternatives (Plants on the Do Not Sell List with their respective ban date)

## Norway Maple 1/1/2013

*Acer platanoides*

### Freeman Maple\*\*

*Acer x freemanii*

### Red Maple\*\*

*Acer rubrum*

### Sugar Maple\*\*

*Acer saccharum*

### Chinese or Lacebark Elm

*Ulmus parvifolia*

(Red cultivars 'Crimson King'; 'Royal Red')  
1/1/16

### Copper or Purple European Beech

*Fagus sylvatica*

Purple foliage cvs. including:

'Cuprea'

'Purpurea'

'Rohanii'

### Chokecherry\*\*

*Prunus virginiana*

Purple foliage cvs. including:

'Canada Red'

'Schubert'

## Porcelain-berry 1/1/2009

*Ampelopsis*

*brevipedunculata*

### Bodiner or Purple Beautyberry

*Callicarpa bodinieri* 'Profusion'

*C. dichotoma*

### Coralberry\*

*Symphoricarpos orbiculatus\**

*S. x chenaultii\**

*S. x doorenbosii\**

### Trumpet Honeysuckle\*\*

*Lonicera sempervirens*

## Japanese Angelica Tree

1/1/2009

*Aralia elata*

(Variegated cultivars 'Variegata'; 'Silver Umbrella')

### Variegated Pagoda\*\*, Giant, or Kousa

#### Dogwood

*Cornus alternifolia\*\**

'Argentea'

Golden Shadows®

*C. controversa* 'Variegata'

*C. kousa* 'Wolf Eyes'

### Golden Cutleaf Staghorn Sumac\*\*

*Rhus typhina* Tiger Eyes®

## Japanese Barberry

1/1/2014

*Berberis thunbergii*

(Dwarf purple cultivars)

### Old Fashioned Weigela

*Weigela florida*

Small, purple foliage cvs. including:

Dark Horse®

Fine Wine®

Midnight Wine®

Ruby Queen®

'Tango'

(Standard purple cultivars)

### Smokebush

*Cotinus coggygria*

Purple foliage cvs. including:

'Grace'

'Royal Purple'

### Eastern Ninebark\*\*

*Physocarpus opulifolius*

Purple foliage cvs. including:

Diabolo®

Summer Wine®

### Old Fashioned Weigela

*Weigela florida*

Large, purple foliage cvs. including:

Wine & Roses®

Shining Sensation™

(Yellow or gold cultivars)

### Glossy Abelia

*Abelia x grandiflora*

Yellow foliage cvs. including:

'Francis Mason'

'Golden Glow'

### Gold or Variegated-leaf Forsythia

*Forsythia* spp. including:

*Forsythia x intermedia*

'Fiesta'

'Gold Leaf'

'Golden Times'

*Forsythia viridissima* Citrus Swizzle®

### Golden Boxleaf Honeysuckle

*Lonicera nitida*

'Baggesen's Gold'

Edmee Gold®

### Old Fashioned Weigela

*Weigela florida*

Yellow foliage cvs. including:

'Rubidor'

Ghost™

(Green cultivars)

### Cranberry Cotoneaster

*Cotoneaster apiculatus* 'Tom Thumb'

### Bush Cinquefoil\*\*

*Dasiphora fruticosa* (*Potentilla fruticosa*)

### Dwarf Fragrant Sumac\*\*

*Rhus aromatica* 'Gro-Low'

### Old Fashioned Weigela

*Weigela florida*

Green foliage cvs. including:

'Carnaval'

'Minuet'

'Polka'

'Red Prince'

'White Knight'

## Sweetautumn Clematis or Japanese Virgin's Bower 1/1/2011

*Clematis terniflora*

### Clematis

*Clematis* spp. including:

*Clematis x jackmanii*

*Clematis montana*

*Clematis virginiana\*\**

Choose white flowering cvs.

### Wood Vamp\*

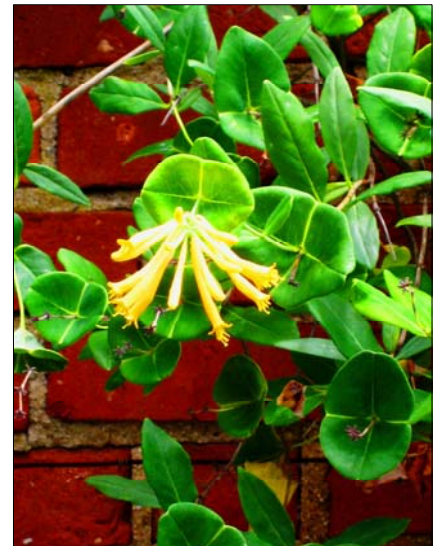
*Decumaria barbara*

### Climbing Hydrangea

*Hydrangea anomala* subsp. *petiolaris*

### Japanese Hydrangea-vine

*Schizophragma hydrangeoides*



A great alternative- Trumpet Honeysuckle

## The Do Not Sell List

The Do Not Sell List consists of over 60 of the worst invasive plants! Species on the Do Not Sell List are "very highly invasive" or "highly invasive" according to the independent scientific review committee. It is illegal to sell, transport, distribute, or propagate species on the Do Not Sell List in both Nassau and Suffolk Counties.

## Autumn-olive 1/1/2009

### *Elaeagnus umbellata*

Groundsel-bush or Eastern

**Baccharis\*\***

*Baccharis halimifolia*

**Sweetfern\*\***

*Comptonia peregrina*

**Northern Bayberry\*\***

*Morella pensylvanica* (*Myrica pensylvanica*)

**Beach Plum\*\***

*Prunus maritima*

## Winged Euonymus or Burning Bush 1/1/2016

### *Euonymus alatus*

**Dwarf\*, Large\*, or Hybrid\* Fothergilla**

*Fothergilla gardenii\**

*F. major\**

*F. x intermedia\** 'Mt. Airy'

**Virginia Sweetpire\***

*Itea virginica*

'Henry's Garnet'

Little Henry™

**Black\*\* or Red \*\*Chokeberry**

*Photinia melanocarpa\*\** (*Aronia melanocarpa*)

*P. pyrifolia\*\** 'Brilliantissima' (*A. arbutifolia*)

**Doublefile Viburnum**

*Viburnum plicatum* var. *tomentosum*

## Wintercreeper Euonymus 1/1/2013

### *Euonymus fortunei*

(Groundcover habit)

**Bearberry\*\***

*Arctostaphylos uva-ursi*

**Willowleaf Cotoneaster**

*Cotoneaster salicifolius*

'Repandens'

'Scarlet Leader'

**Bearberry Cotoneaster**

*Cotoneaster dammeri*

**Creeping Raspberry**

*Rubus calycinoides* (*Rubus hayata-koidzumii*)

(Shrub habit)

**Dwarf Japanese Aucuba**

*Aucuba japonica*

'Nana'

'Nana Rotundifolia'

'Rozannie'

'Wisley Nana'

**Japanese Skimmia**

*Skimmia japonica*

## Yellow Flag Iris 1/1/2012

### *Iris pseudacorus*

**Louisiana Irises\***

*Iris* spp.

Yellow flowering cvs. including:

'Brazos Gold'

'Dixie Deb'

'Joy Flight'

'Laura Louise'

'Professor Barbara'

'Rokki Rockwell'

'Willow Mint'

**Japanese Iris**

*Iris ensata*

**Harlequin Blueflag Iris\*\***

*Iris versicolor*

## Bell, Amur, Morrow, and Tatarian Shrub

### Honeysuckle 1/1/2011

#### *Lonicera x bella*

#### *L. maackii*

#### *L. morrowii*

#### *L. tatarica*

**Deutzia**

*Deutzia* spp.

**Beautybush**

*Kolkwitzia amabilis*

**Mockorange\*** (some species native to U.S.)

*Philadelphus* spp.

**Nippon or Vanhoutte Spirea**

*Spiraea nipponica* 'Snowmound'

*Spiraea x vanhouttei*

## Japanese Honeysuckle 1/1/2011

### *Lonicera japonica*

**Crossvine\***

*Bignonia capreolata*

**Carolina Yellow Jessamine\***

*Gelsemium sempervirens* 'Margarita'

**Goldflame Honeysuckle**

*Lonicera x heckrottii*

**Trumpet Honeysuckle\*\***

*Lonicera sempervirens*

'John Clayton'

'Sulphurea'

## Creeping Jenny or Moneywort 1/1/2011

### *Lysimachia nummularia*

**Green and Gold\***

*Chrysogonum virginianum*

**Spotted Dead Nettle**

*Lamium maculatum*

**Creeping Mazus**

*Mazus reptans*

**Siberian Barren-strawberry**

*Waldsteinia ternata*

(Gold cultivars 'Aurea')

**Golden Coral\* or Foamy Bells**

*Heuchera\**

Citronelle®

Dolce Key Lime Pie®

Lime Ricky®

X *Heucherella*

Strike It Rich® Gold

Stoptlight®

**Goldmoss Stonecrop**

*Sedum acre* 'Aureum'

**Golden Japanese Stonecrop**

*Sedum makinoi* 'Ogon'

**Golden Creeping Speedwell**

*Veronica prostrata* Aztec Gold®

*V. repens* 'Sunshine'

## Purple Loosestrife 1/1/2009

### *Lythrum salicaria*

**Meadowsweet**

*Filipendula purpurea* 'Elegans'

*F. rubra\**

*F. vulgaris*

**Dense Blazing Star\***

*Liatris spicata* 'Kobold'

**Obedient Plant\*\***

*Physostegia virginiana*

**Hybrid or Common Perennial Sage**

*Salvia nemorosa* (*S. x superba*; *S. x*

*sylvestris*)

*Salvia officinalis*

Choose purple flowering cvs.

## Amur and Japanese Corktree 1/1/2013

### *Phellodendron amurense*

### *P. japonicum*

**Honeylocust\***

*Gleditsia triacanthos* var. *inermis*

**Kentucky Coffeetree\*\***

*Gymnocladus dioica*

**Chinese or Lacebark Elm**

*Ulmus parvifolia*

**Japanese Zelkova**

*Zelkova serrata*

## Black Locust 1/1/2013

### *Robinia pseudoacacia*

(Gold cultivars 'Frisia')

**Golden Honeylocust\***

*Gleditsia triacanthos* var. *inermis*

'Sunburst'

## Did you know?

Invasive plants also pose a serious threat to Long Island's local economy. Expensive invasive plant control measures need to be taken in order to maintain the value and beauty of Long Island's numerous parks, golf courses, water bodies, and farms.

# Invasive Plants NOT Banned on Long Island & Their Alternatives (Plants on the Management List)

## Amur Maple *Acer ginnala*

**Trident Maple**  
*Acer buergerianum*

**Eastern Redbud\***  
*Cercis canadensis*

**Japanese Tree Lilac**  
*Syringa reticulata*

## Russian-olive *Elaeagnus angustifolia*

**White\* or Chinese Fringetree**  
*Chionanthus virginicus\**  
*C. retusus*

**Corkscrew Willow**  
*Salix matsudana* 'Tortuosa'

**Chastetree**  
*Vitex agnus-castus*

## English Ivy *Hedera helix*

**Wood Vamp\***  
*Decumaria barbara*

**Carolina Yellow Jessamine\***  
*Gelsemium sempervirens* 'Margarita'

**Climbing Hydrangea**  
*Hydrangea anomala* subsp. *petiolaris*

**Japanese Hydrangea-vine**  
*Schizophragma hydrangeoides*

## Japanese Silver Grass *Miscanthus sinensis*

**Feather Reed Grass**  
*Calamagrostis x acutiflora*  
'Karl Foerster'  
'Overdam'

**Korean Feather Reed Grass**  
*Calamagrostis brachytricha*

**Pink Muhly Grass\*\***  
*Muhlenbergia capillaris*

**Switchgrass\*\***  
*Panicum virgatum*  
Dallas Blues®  
'Heavy Metal'  
'Northwind'

## Japanese Black Pine *Pinus thunbergii*

**Japanese Red Pine**  
*Pinus densiflora*

**Limber Pine\***  
*Pinus flexilis*

**Pitch Pine\*\***  
*Pinus rigida*

## Callery Pear *Pyrus calleryana*

**Downy\*\*, Apple\*\*, or Allegheny\*\*  
Serviceberry**  
(single-stemmed)  
*Amelanchier arborea\*\**  
*A. x grandiflora\*\**  
*A. laevis\*\**

**Hybrid Dogwood**  
(single-stemmed)  
*Cornus Celestial®*  
*C. Stellar Pink®*  
*C. Venus®*

**Green Hawthorn\***  
*Crataegus viridis* 'Winter King'

**Loebner or Star Magnolia**  
*Magnolia x loebneri* 'Leonard Messel'  
*M. stellata*

## Rugosa Rose *Rosa rugosa*

**Bush Cinquefoil\*\***  
*Dasiphora fruticosa* (*Potentilla fruticosa*)

**Beach Plum\*\***  
*Prunus maritima*

**Shrub Roses**  
*Rosa* spp.  
The Knock Out® Rose series

**Virginia Rose\*\***  
*Rosa virginiana*

## Common Periwinkle *Vinca minor*

**Barrenwort**  
*Epimedium x perralchicum* 'Frohneiten'  
*Epimedium x versicolor*  
'Neosulphureum'  
'Sulphureum'

**Creeping Mazus**  
*Mazus reptans*

**Creeping Phlox\***  
*Phlox stolonifera* 'Sherwood Purple'

**Creeping Speedwell**  
*Veronica peduncularis* 'Waterperry'  
*V. umbrosa* 'Georgia Blue'

## Japanese and Chinese Wisteria

*Wisteria floribunda*  
*W. sinensis*

**Climbing Hydrangea**  
*Hydrangea anomala* subsp. *petiolaris*

**Japanese Hydrangea-vine**  
*Schizophragma hydrangeoides*

**American Wisteria\***  
*Wisteria frutescens* 'Amethyst Falls'

## The Management List

The Management List consists of over 70 invasive plants. Although not as highly invasive as plants on the Do Not Sell List, it is recommended that these plants are not planted on Long Island, especially by county agencies or for homes near natural habitats. Species on the Management List are "moderately invasive" according to the independent scientific review committee.



A great alternative- American Wisteria

## The

## Native-Friendly Garden

Come check-out some of these alternative plants at Cornell University's Long Island Horticultural Research & Extension Center! A small, "Native-Friendly" Garden was created as a research and demonstration site for horticulture professionals & homeowners. Visit us at:

3059 Sound Avenue  
Riverhead, NY 11901  
631-727-3595

The Native-Friendly Garden was designed and installed by Alexis Alvey, Nursery & Landscape Specialist for Cornell Cooperative Extension of Suffolk County.