

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

Andrew Senesac - Cornell Cooperative Extension of Suffolk County

Vincent Simeone - Planting Fields Arboretum State Historic Park

Ellen Talmage - Long Island Nursery & Landscape Association

For more information, visit:

www.nyis.info

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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.

Cornell Cooperative Extension is funded in part by Suffolk County through the office of Steve Levy, County Executive, and the County Legislature.

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:

Diablo®

Summer Wine®

Old Fashioned Weigela

Weigela florida

Large, purple foliage cvs. including:

Shining Sensation™

Wine & Roses®

(Yellow or gold cultivars)

Glossy Abelia

Abelia x grandiflora

Yellow foliage cvs. including:

'Francis Mason'

'Golden Glow'

Gold Border or Greenstem Forsythia

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:

Ghost™

'Rubidor'

(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*

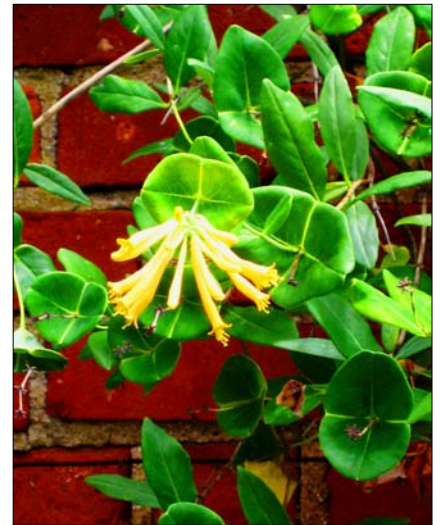
Decumaria barbara

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 Sweetspire*

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

Bearberry Cotoneaster

Cotoneaster dammeri

Willowleaf Cotoneaster

Cotoneaster salicifolius

Low-growing cvs. including:

'Repandens'

'Scarlet Leader'

Creeping Raspberry

Rubus calycinoides

(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 *Heuchera*

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

Perennial Sage

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

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.