# Who Can Help Control Invasive Plants in My Forest?

Consultant Foresters can help control invasive plants. For the New Jersey list of Approved Foresters (Forest Consultants) contact: http://www.state.nj.us/dep/parksandforests/forest/index.html

Rutgers Cooperative Extension County Offices can help with information on identifying and controlling invasive plants. Contact:

njaes.Rutgers.edu/extension

The Natural Resource Conservation Service can help you with planning strategies for controlling invasive plants and by providing cost-sharing to off-set the cost of the control activities. Contact: http://www.nj.nrcs.usda.gov/

Various volunteer organizations provide information and education about invasive plants. The Central New Jersey Invasive Species Strike Team (CJISST) is one such volunteer organization that provides an early detection and rapid response network. They can be reached through the Invasive Species Coordinator, Upper Raritan Watershed Association.

Melissa@urwa.org or 908.234.1852



### The New Jersey Forestry Association

## Who should join the New Jersey Forestry Association?

Everyone interested in forestry and the stewardship of New Jersey's private and public forests should join.



Help Keep New Jersey's Forests healthy and free of invasive plants.



#### **Want To Join NJFA?**

For an application contact the

**New Jersey Forestry Association, Inc.** 

P.O. Box 367

Flemington, NJ 08833

or e-mail requests to:

info@njforestry.org

or download an application on-line from:

www.njforestry.org

or

Phone: 908.832.2400 Fax: 908.832.7534

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# Invasive Plants in New Jersey Woodlands

**Why Worry?** 



#### Japanese honeysuckle

is one of 21 invasive species for which cost-sharing is available through the New Jersey Forest Service to assist with the cost of control. Photo by Charles Bargeron, Univ. of GA, Bugwood.org



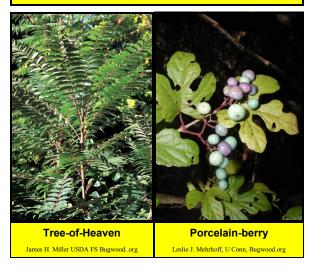
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#### **Invasive Plants**

Invasive plants are plants that spread on their own after they have been moved from their native habitat to a new location.

- **♦** Most invasive plants are from other continents.
- ◆ Invasive plants lack natural predators because their predators did not make journey to the North America
- Invasive problems have increased dramatically in the past two decades.
- Many invasive plants reach such high densities that they harm the economy, the environment, and people.
- ◆ In 2009, the cost of ecological damage and for control of invasive plants in the United States was estimated at \$137 billion per year, and is increasing dramatically

There Are More Than
21 Invasive Plants That Have
Invaded New Jersey Woodlands



# 21 Problem Invaders in New Jersey Woodlands

# COMMON NAMEBOTANICAL NAMENorway mapleAcer plantanoidesTree-of-HeavenAilanthus altissimaGarlic mustardAlliaria petiolataPorcelain-berryAmpelopsis<br/>brevipedunculataJapanese barberryBerberis thunbergiiAsian bittersweetCelastrus orbiculatus

Autumn olive Elaeagnus umbellata
Winged burning bush Euonymous alata

Japanese honeysuckle Lonicera japonica

Fragrant honeysuckle Lonicera fragrantissima

Amur honeysuckle Lonicera maackii
Morrow's honeysuckle Lonicera morrowii
Standish's honeysuckle Lonicera standishii

Tartarian honeysuckle

European fly
honeysuckle

Lonicera xylosteum

Hybrid, pretty Lonicera X bella honeysuckle

Japanese stiltgrass Microstegium vimineum
Mile-a-minute weed Polygonum perfoliatum
Lesser celandine Ranuculus ficaria
Common buckthorn Rhamnus cathartica

ommon buckthorn Rhamnus cathartica

Multiflora rose Rosa multiflora

Wineberry Rubus phoenicolasius

Chinese wisteria Wisteria sinensis

Japanese wisteria Wisteria floribunda

# How Can Invasive Plants be Controlled?

There are specific methods for controlling invasive plants, depending on the particular species including: manual pulling, mechanical eradication, burning, biological controls and chemical controls. Often a combination of controls or repeated application of controls are needed to effectively control or eradicate a specific invasive plant.

Research is underway to find and test natural predators to control many of the plant species that have invaded New Jersey's woodlands. It can take many year, however, to discover effective predators that will not harm other desirable plants and creatures.

Properly applied herbicides have proven the most effective of all the methods for controlling invasive plants.

#### Remember!

Use pesticides wisely and always follow all directions and precautions on pesticide labels.

There are many sources of information available for controlling specific invasive plants. The following links provide detailed information on the various invasive plant species and recommended procedures for controlling them:

Forest Health Protection-Invasive Plants http://na.fs.fed.us/fhp/invasive plants/weeds

PCA Alien Plant List: Least Wanted: Fact Sheets www.nps.gov/plants/alien/factmain.htm

Invasive Plants —

Eastern Forest Environmental Assessment Center http://www.forestthreats.org/

Biological Control of Invasive Plants in the Eastern United States

http://www.invasive.org/eastern/biocontrol/