



## Waldo County Soil and Water Conservation District

# Invasive Plant Information and Resources

[www.waldocountysoilandwater.org](http://www.waldocountysoilandwater.org) (live June 2017)

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**Invasive plants and insects pose serious risks to the biodiversity and functionality of our ecosystems as well as for producing lands including forests and croplands. Many landowners have invasive plants on their land or nearby and want to understand how to control them or prevent infestation.**

### What are invasive plants?

In Maine a plant is considered invasive if it:

1. Is not native to Maine
2. Has spread (or has the potential to spread) into minimally managed plant communities (habitats)
3. Causes economic or environmental harm by developing self-sustaining populations that are dominant or disruptive to native species

Invasive plants are a direct threat to what we value about Maine's natural and working landscapes. The aggressive growth of invasive plants increases costs for agriculture, can affect forest regeneration, threatens our recreational experiences, and reduces the value of habitats for mammals, birds and pollinators. Species like Japanese barberry and multiflora rose can form thorny, impenetrable thickets in forests and agricultural fields.

Invasive species are the second-greatest threat to global biodiversity after loss of habitat. Invading plants out compete native species by hogging sunlight, water, nutrients, and space. They change animal habitat by eliminating native foods, altering cover, and destroying nesting opportunities. Some invaders are so aggressive they leave no room for our natives.

-from Maine DACF Horticulture Program,  
<http://www.maine.gov/dacf/php/horticulture/invasiveplants.shtml#Alternatives>

### For Assistance with Invasive Plants and Insect Pests

The **Maine Forest Service** [<http://www.maine.gov/dacf/mfs/>] provides information and assistance with forest insect pests and other pathogens.

The **Maine Natural Areas Program**

[[http://www.maine.gov/dacf/mnap/features/invasive\\_plants/invasives.htm](http://www.maine.gov/dacf/mnap/features/invasive_plants/invasives.htm)] has information resources on invasive species and a program for mapping and managing invasive species called **Imap Invasives**.

In addition, **WCSWCD** has expert assistance available to landowners wishing to manage invasive plants. See the section [Conservation Assistance](#) [link words to] for more information.

## Banned Invasive Plants

The plants listed below are illegal to import, export, buy, sell or intentionally propagate after December 31, 2017. The ban includes all cultivars, varieties and hybrids of these plants.

Amur Maple	
<a href="#">Acer platanoides</a>	Norway Maple
<a href="#">Aegopodium podagraria</a>	Bishop's Weed
<a href="#">Ailanthus altissima</a>	Tree of Heaven
<a href="#">Alliaria petiolata</a>	Garlic Mustard
<a href="#">Amorpha fruticosa</a>	False Indigo
<a href="#">Ampelopsis glandulosa</a>	Porcelain Berry
<a href="#">Artemisia vulgaris</a>	Common Mugwort
<a href="#">Berberis thunbergii</a>	Japanese Barberry
<a href="#">Berberis vulgaris</a>	Common Barberry
<a href="#">Celastrus orbiculatus</a>	Asiatic Bittersweet
<a href="#">Elaeagnus umbellata</a>	Autumn Olive
<a href="#">Euonymus alatus</a>	Winged Euonymus
<a href="#">Euphorbia cyparissias</a>	Cypress Spurge
<a href="#">Fallopia baldschuanica</a>	Chinese Bindweed
<a href="#">Fallopia japonica</a>	Japanese Knotweed
<a href="#">Frangula alnus</a>	Glossy Buckthorn
<a href="#">Hesperis matronalis</a>	Dame's Rocket
<a href="#">Impatiens glandulifera</a>	Ornamental Jewelweed
<a href="#">Iris pseudacorus</a>	Yellow Iris
<a href="#">Ligustrum vulgare</a>	Common Privet
<a href="#">Lonicera japonica</a>	Japanese Honeysuckle
<a href="#">Lonicera maackii</a>	Amur or Bush Honeysuckle
<a href="#">Lonicera morrowii</a>	Morrow's Honeysuckle
<a href="#">Lonicera tatarica</a>	Tatarian Honeysuckle
<a href="#">Lythrum salicaria</a>	Purple Loosestrife
<a href="#">Microstegium vimineum</a>	Japanese Stilt Grass
<a href="#">Paulownia tomentosa</a>	Paulownia
<a href="#">Persicaria perfoliata</a>	Mile-a-Minute Weed
<a href="#">Phellodendron amurense</a>	Amur Cork Tree
<a href="#">Populus alba</a>	White Cottonwood
<a href="#">Robinia pseudoacacia</a>	Black Locust
<a href="#">Rosa multiflora</a>	Multiflora Rose

## Other Resources for Invasive Species

The **Department of Agriculture, Conservation and Forestry, Horticulture Department** has much more information on invasive plants: <http://www.maine.gov/dacf/php/horticulture/invasiveplants.shtml> The site includes **recommendation for plants to replace invasive plants**. Maine's new rules regarding the sale of invasive plants are available on this website.

**Invasive Plants in Maine - Maine Natural Areas Program** Invasive and potentially invasive plants list for Maine, with fact sheets for each.

[http://www.maine.gov/dacf/mnap/features/invasive\\_plants/invsheets.htm](http://www.maine.gov/dacf/mnap/features/invasive_plants/invsheets.htm)

**Invasive.org** - A great starting place, with numerous images of each plant, and concise, thorough fact sheets on different species. The link [Species](#) is where you can find info pages on each plant and pictures as well as additional links. <http://www.invasive.org/index.cfm>

**Invasipedia** Excellent summary articles on most invasive plants, more in-depth than fact sheets.

<http://wiki.bugwood.org/Invasipedia>

**USDA Forest Service FEIS Database** This site provides an in-depth profile of each invasive species, with citations to assist further research.

<https://www.fs.fed.us/database/feis/plants/weed/index.html>

**Imap Invasives - Maine Natural Areas Program** IMap Invasives is an invasives tracking program now available in Maine, with many tools and data resources to help communities and land owners and managers plan for invasives control.

[http://www.maine.gov/dacf/mnap/features/invasive\\_plants/imap.htm](http://www.maine.gov/dacf/mnap/features/invasive_plants/imap.htm)

**Vermont Invasives Resources** Vermont has a well developed invasives program which includes several excellent guides, available here.

<http://vtinvasives.org/land/management>

**Center for Invasive Species Management** An excellent resource for learning about all types of invasives and their management. Under the link Outreach and Education/Adults are online "textbooks" and courses, as well as webinars. There are also materials for K-12 education.

<http://www.weedcenter.org/index.html>

**For aquatic invasive plants- Maine Volunteer Lake Monitoring Program** Many opportunities to volunteer, and they offer some excellent training workshops and materials on aquatic invasives.

<http://www.mainevlmp.org/>

**For invasive insect pests**, see the **Maine Forest Service** site which includes basic information on invasive insects as well as other links to information about these pests.

[https://www1.maine.gov/dacf/mfs/forest\\_health/invasive\\_threats/index.htm](https://www1.maine.gov/dacf/mfs/forest_health/invasive_threats/index.htm)