

Lonicera maackii [简体中文](#) [正體中文](#)

System: Terrestrial

| Kingdom | Phylum | Class | Order | Family |
|---------|---------------|---------------|------------|----------------|
| Plantae | Magnoliophyta | Magnoliopsida | Dipsacales | Caprifoliaceae |

Common name

Synonym

Lonicera maackii, (Rupr.) Maxim.

Similar species

Summary

Native to eastern Asia, *Lonicera maackii* was introduced to the United States as an ornamental shrub. Reported from 24 states in the US *L. maackii* is an invader of disturbed or secondary forest habitats. It forms dense thickets along edge habitats and forest canopies with the potential to alter ecosystem functioning and community structure.



[view this species on IUCN Red List](#)

Species Description

Lonicera maackii can reach a height of 7 m. It has multiple stems and the leaves are dark-green and opposite. The stem is opposite branched and tan and could be perceived as a braided-strand. The bark often flakes off the stem. In older *Lonicera maackii* the stems are hollow. The leaves are ovate and oblong and have rounded to subcordate bases. They range from 3-10cm long. The petioles are 2.5-10cm long. Axillary has bracted with short-stemmed clusters and has one or more flowers. Berries are green and as they ripen they turn pink to red (Miller, 2003). The roots are fibrous and spreading.

Lifecycle Stages

In warm and moist conditions with light, seeds will germinate in 18 days (Luken and Goessling, 1995). Fruit will not be produced until 3-5 years (Luken and Thieret, 1996).

Uses

Lonicera maackii is a popular landscape plant in North America (Bartuszevige, 2004).

Habitat Description

Lonicera maackii can be found in fields, forest edges, and disturbed areas with canopy openings. High light availability is ideal for *L. maackii* to invade (Musson and Mitsch, 2002).

Reproduction

White flowers emerge in spring turning yellow with age (Luken and Thieret, 1996). According to Hutchinon and Vankat (1998), *Lonicera maackii* "produces numerous red berries that ripen in autumn and are bird dispersed."

General Impacts

Lonicera maackii is an invader of disturbed or secondary forest habitats. It forms dense thickets along edge habitats and forest canopies with the potential to alter ecosystem functioning and community structure.



Management Info

Chemical: Glyphosate herbicide is used in foliar treatment of *Lonicera maackii*. This is not the best method as it also kills the native understory. Stem injection with EZ-Ject lance is considered the most effective means of killing *L. maackii* (Hartman and McCarthy, 2004).

Physical: Hand pulling *L. maackii* is effective in moist ground, but should be done when the shrub is less than 3 years, otherwise it is likely to resprout. A polaski axe can also be used to get rid of plants (Hartman and McCarthy, 2004).

Principal source: Hartman, K.M, B.C. McCarthy. 2004. Restoration of a Forest Understory After the Removal of an Invasive Shrub, Amur Honeysuckle (*Lonicera maackii*).

Compiler: National Biological Information Infrastructure (NBII) & IUCN/SSC Invasive Species Specialist Group (ISSG)

Review:

Publication date: 2011-09-23

ALIEN RANGE

[1] CANADA

[18] UNITED STATES

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Summary: Evaluates different eradication methods for Amur Honeysuckle and how these methods affect the understory.

Hartman, Kurt M.; McCarthy, Brian C., 2004. Restoration of a forest understory after the removal of an invasive shrub, Amur honeysuckle (*Lonicera maackii*). *Restoration Ecology*. 12(2). June 2004. 154-165.

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Summary: Discusses how *L. maackii* responds to clipping in a forest or open-grown environment.

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General information



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Lonicera maackii*

[Bartuszevige, A.M. 2004. The Influence of Habitat Suitability, Landscape Structure, and Seed Dispersers on Invasion of an Exotic Plant Species, *Lonicera maackii* \(Rupr\) Herder, Amur Honeysuckle. Dissertation, Doctor of Philosophy, Department of Botany, Miami University \(Ohio\).](#)

Summary: This dissertation analyzes the invasion of *Lonicera maackii* in Ohio.

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Summary: This article discusses how *L. maackii* spreads across a landscape.

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[ITIS \(Integrated Taxonomic Information System\), 2005. Online Database *Lonicera maackii* \(Rupr.\) Herder.](#)

Summary: An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals.

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Available from: <http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?22596> [Accessed 15 May 2007].
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GLOBAL INVASIVE SPECIES DATABASE

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