GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Lonicera maackii***

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 percieved 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:

Pubblication date: 2011-09-23

ALIEN RANGE

[1] CANADA

[18] UNITED STATES

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