

PRISM

New York Partnerships for Regional Invasive Species Management.

NON-NATIVE PLANT INVASIVENESS RANKING FORM FOR NATURAL / MINIMALLY MANAGED AREAS

PRISM: Adirondack Park Invasive Program

Scientific name: Persicaria perfoliata USDA Plants Code: POPE10
Common names: Mile-a-minute weed, mile-a-minute vine
Native Distribution: India, Asia
Date Assessed: 12/9/2015
PRISM Assessors: Zachary Simek
PRISM Reviewers: Brendan Quirion, Steve Young, Chris Zimmerman, Daniel Spada
Date Approved: 4/7/2016 Form version date: 6 September 2012

New York Relative Maximum score: 91.1 Date NY assessment approved: 7/10/2009
New York State Invasive Rank: Very High
(for natural areas)

SUMMARY OF PRISM RANKING RESULTS:

Distribution:

Estimated number of infested sites:

PRISM Invasiveness Rank[§]:



A. DISTRIBUTION AND ABUNDANCE (KNOWN/POTENTIAL):

1. What is the species distribution and abundance in the PRISM?

- | | |
|--|-------------|
| A. Not present | Not Present |
| B. Occurs in three or fewer natural areas (locations that are at least ¼ mile apart) with no infested area* >1 acre or containing >100 individuals | Restricted |
| C. Present in 4–10 natural areas, or with one occupied location >1 acre or containing >100 individuals | Common |
| D. Present in >10 minimally managed areas | Widespread |
| U. Unknown | Unknown |

Answer:

Describe distribution:

Mile a minute is not known to be present in the Adirondack PRISM.

Sources of information:

Field observations by APIPP staff

[§]Not Assessable: not persistent in the PRISM, or not found outside of cultivation.

*Definition of “infested area” is the “...actual or percentage of land occupied by [canopy cover of] weed plants” NAWMA (North American Weed Management Association) 2002. North American Invasive Plant Mapping Standards (see <http://www.nawma.org/>).

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2. What is the likelihood the species will occur (if not yet present) or expand its distribution and abundance (if already present) in the PRISM?

Answer: Very likely

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):

Mile-a-minute has been documented to thrive in forest edges, along waterways, in wetlands and swamps, right-of-ways, recreation areas, and open disturbed areas. Mile-a-minute grows in areas with a temperate climate and cold winter. It prefers full sun but can tolerate substantial shading. Mile-a-minute reproduces by seed, producing up to 3,500seeds/plant. The seeds can be spread by water, birds, and mammals. Spread of this plant has also been facilitated by the movement of contaminated nursery stock. Sources of information: Stone, 2010

B. INVASIVENESS RANK IN THE PRISM:

Is the species distribution Widespread or Common?

Yes: Go to column A in table below.

No: What is the likelihood of species occurrence or expansion? Answer: Very likely

- Very Likely: Use column A below
- Moderately likely: Use column B below
- Unlikely: Use column C below
- Zero likelihood Invasive potential Insignificant
- Unknown Invasive potential Unknown
- Not assessed Invasive potential not assessed

Assign a PRISM invasiveness rank to the species based on its New York Relative Maximum Score, using the designated column in the table below.

New York Relative Maximum Score	New York Invasiveness Rank	A	B	C
> 80.00	Very High	VH	H	M
70.00–80.00	High	H	M	L
50.00–69.99	Moderate	M	L	Ins
40.00–49.99	Low	L	Ins	Ins
<40.00	Insignificant	Ins	Ins	Ins

Column used: A (Insert PRISM Invasiveness Rank on page 1)

References for species assessment:

Field observations by APIPP staff

Stone, Katharine R. 2010. *Polygonum perfoliatum*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis/> [2015, December 9].

Citation: This ranking form for regions within NYS may be cited as: Jordan, M.J., G. Moore and T.W. Weldy. 2008. Invasiveness ranking system for non-native plants of New York. Unpublished. The Nature Conservancy, Cold

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