

PRISM
(New York Partnerships for Regional Invasive Species Management)
NON-NATIVE PLANT INVASIVENESS RANKING FORM

PRISM: Long Island Invasive Species Management Area

Scientific name: Pseudosasa japonica (Siebold & Zucc. ex Steud.) Makino ex Nakai
USDA Plants Code: PSJA

Common names: Arrow bamboo

Native Distribution: Eastern Asia

Date Assessed: February 21, 2010

PRISM Assessors: Gerry Moore

PRISM Reviewers: LIISMA SRC

Date Approved: March 10, 2010 Form version date: 13 April 2009

New York Relative Maximum score: 57.47 Date NY assessment approved: Mar 10, 2010

New York State Invasive Rank: Moderate

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:
Species is not known from the LIISMA
Sources of information:
Brooklyn Botanic Garden, 2010.

[§]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):
Species occurs in adjacent states (CT, NJ) and likely to occur in LIISMA.
Sources of information:
Brooklyn Botanic Garden, 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:

Brooklyn Botanic Garden. 2010. AILANTHUS database. [Accessed on February 21, 2010.]

Weldy, T. & D. Werier. 2010. New York Flora Atlas. [S. M. Landry and K. N. Campbell (original application development), Florida Center for Community Design and Research. University of South Florida]. New York Flora Association, Albany, New York. [Accessed February 21, 2010.]

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 Spring Harbor, NY; Brooklyn Botanic Garden, Brooklyn, NY; The Nature Conservancy, Albany, NY. Note that the order of authorship is alphabetical; all three authors contributed substantially to the development of this protocol.

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