

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

PRISM: Long Island Invasive Species Management Area

Scientific name: Phyllostachys Seibold. & Zucc. spp. (includes P. aurea Carrière ex A. Rivière & C. Rivière, P. aureosulcata McClure, P. bambusoides Siebold & Zucc., P. dulcis McClure, P. edulis (Carrière) J. Houz., P. flexuosa A. Rivière & C. Rivière, P. nigra (Lodd. ex Lindl.) Munro, P. viridiglaucescens A. Rivière & C. Rivière
USDA Plants Code: PHYLL6

Common names: Bamboo

Native Distribution: Temperate and subtropical 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: 61.90 Date NY assessment approved: March 10, 2010

New York State Invasive Rank: Moderate

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Restricted

Estimated number of infested sites: ca. 3

PRISM Invasiveness Rank[§]: Moderate



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: Restricted

Describe distribution:
Known from at least three sites in Nassau Co and Queens.
Sources of information:
Brooklyn Botanic Garden, 2010; authors pers. obs.

[§]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):

Already present 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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