PRISM: Long Island Invasive Species Management Area

Scientific name: Wisteria sinensis / W. floribunda (Sims) Sweet / W. floribunda (Willdenow) DC.
USDA Plants Code: WISI/ WIFL

Common names: Chinese wisteria / Japanese wisteria

Native Distribution: East Asia

Date Assessed: Steve Glenn, Gerry Moore; revised Marilyn Jordan and SRC

PRISM Assessors: November 18, 2008; January 17, 2013

PRISM Reviewers: LIISMA SRC

Date Approved: December 17, 2008; Jan.17, 2013 Form version date: 6 September 2012

New York Relative Maximum score: 56.70 Date NY assessment approved: 12-17-2008; Revised 01/17/2013

New York State Invasive Rank: Moderate

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Widespread

Estimated number of infested sites: 70+

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: Widespread

Describe distribution:
Documented from 70+ sites on Long Island and Staten Island since 1980.
Sources of information:
Brooklyn Botanic Garden, 2008.

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

PRISM
(New York Partnerships for Regional Invasive Species Management)
NON-NATIVE PLANT INVASIVENESS RANKING FORM
FOR NATURAL / MINIMALLY MANAGED AREAS

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):
   Well established in PRISM as an escape and in cultivation.
   Sources of information:
   Brooklyn Botanic Garden, 2008.

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: 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.

<table>
<thead>
<tr>
<th>New York Relative Maximum Score</th>
<th>New York Invasiveness Rank</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 80.00</td>
<td>Very High</td>
<td>VH</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>70.00-80.00</td>
<td>High</td>
<td>H</td>
<td>M</td>
<td>L</td>
</tr>
<tr>
<td>50.00-69.99</td>
<td>Moderate</td>
<td>M</td>
<td>L</td>
<td>Ins</td>
</tr>
<tr>
<td>40.00-49.99</td>
<td>Low</td>
<td>L</td>
<td>Ins</td>
<td>Ins</td>
</tr>
<tr>
<td>&lt;40.00</td>
<td>Insignificant</td>
<td>Ins</td>
<td>Ins</td>
<td>Ins</td>
</tr>
</tbody>
</table>

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

References for species assessment:

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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