PRISM: Long Island Invasive Species Management Area

Scientific name: Acer palmatum Thunb. USDA Plants Code: ACPA2
Common names: Japanese maple
Native Distribution: Japan, Korea, China
Date Assessed: 8 October 2009
PRISM Assessors: Steve Glenn, Gerry Moore
PRISM Reviewers: LIISMA SRC
Date Approved: October 14, 2009 Form version date: 13 April 2009
New York Relative Maximum score: 50.00 Date NY assessment approved: October 14, 2009
New York State Invasive Rank: Moderate

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Widespread
Estimated number of infested sites: 20
PRISM Invasiveness Rank§: Moderate

A. DISTRIBUTION AND ABUNDANCE
(KNOW/N/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 about 20 sites on Long Island and Staten Island since 1980.
Sources of information:
Brooklyn Botanic Garden, 2009.

§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

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.
Sources of information:
Brooklyn Botanic Garden, 2009.

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.

Acknowledgments: Valuable contributions by members of the Long Island Invasive Species Management Area’s Scientific Review Committee were incorporated in revisions of this form.