PRISM: Long Island Invasive Species Management Area

Scientific name: Buddleja davidii
Common names: Orange-eye butterfly bush
Native Distribution: China
Date Assessed: July 20, 2009
PRISM Assessors: Gerry Moore
PRISM Reviewers: LIISMA SRC
Date Approved: September 9, 2009
Form version date: April 13, 2009

New York Relative Maximum score: 45.45
New York State Invasive Rank: Low

SUMMARY OF PRISM RANKING RESULTS:

Distribution: [Common]
Estimated number of infested sites: ca. 10
PRISM Invasiveness Rank: [Low]

A. DISTRIBUTION AND ABUNDANCE
(KNOWN/POTENTIAL):

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

A. 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
C. Present in 4–10 natural areas, or with one occupied location >1 acre or containing >100 individuals
D. Present in >10 minimally managed areas
U. Unknown

Answer: [Common]

Describe distribution:
Known from at least 8 sites in the LIISMA PRISM.
Sources of information:

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

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 established in the LIISMA PRISM.
Sources of information:

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:  

<table>
<thead>
<tr>
<th>Likelihood</th>
<th>Column Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Likely</td>
<td>A</td>
</tr>
<tr>
<td>Moderately likely</td>
<td>B</td>
</tr>
<tr>
<td>Unlikely</td>
<td>C</td>
</tr>
</tbody>
</table>

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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