PRISM: Long Island Invasive Species Management Area

Scientific name: Egeria densa Planchon  
USDA Plants Code: EGDE

Common names: Brazilian waterweed

Native Distribution: Tropical South America

Date Assessed: 6/18/2008

PRISM Assessors: Steve Clemants

PRISM Reviewers: LIISMA Scientific Review Committee

Date Approved: 23 June 2008  
Form version date: 13 April 2009

New York Relative Maximum score: 74.71  
Date NY assessment approved: 13 April 2009

New York State Invasive Rank: High

SUMMARY OF PRISM RANKING RESULTS:

Distribution: **Common**

Estimated number of infested sites: **10**

PRISM Invasiveness Rank$: **High**

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: **Common**

Describe distribution:
Found in Nassau and Suffolk Counties, about 10 areas.
Sources of information:
Brooklyn Botanic Garden, 2008; Weldy & Werier, 2005.

$: 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: Moderately likely

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):
First found naturalizing in North America at Millneck in 1893, since it has spread to only about 10 sites.
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>Very Likely: Use column A below</th>
<th>Moderately likely: Use column B below</th>
<th>Unlikely: Use column C below</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zero likelihood Invasive potential Insignificant</td>
<td>Unknown Invasive potential Unknown</td>
<td>Not assessed Invasive potential not assessed</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.

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