PRISM: Long Island Invasive Species Management Area

Scientific name: Ranunculus ficaria

Common names: lesser celandine, fig buttercup

Native Distribution: Europe

Date Assessed: 20 February 2008; revised March 19, 2008; October 19, 2008

PRISM Assessors: Gerry Moore

PRISM Reviewers: LIISMA Scientific Review Committee

Date Approved: April 21, 2008

New York Relative Maximum score: 85.56

New York State Invasive Rank: Very High Invasive Nature

SUMMARY OF PRISM RANKING RESULTS:

Distribution: [Widespread]

Estimated number of infested sites: [over 100]

PRISM Invasiveness Rank: [Very 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: [Widespread]

Describe distribution:
Species has been observed in all counties of the PRISM in numerous habitat types.

Sources of information:

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):
   Current distribution, literature, expert opinions
   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: 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.

<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)

<table>
<thead>
<tr>
<th>New York Relative Maximum Score</th>
<th>New York Invasiveness Rank</th>
<th>INVASIVE RANK IN PRISM</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 80</td>
<td>Very High Invasive Nature</td>
<td>VH H M</td>
</tr>
<tr>
<td>70-80</td>
<td>High Invasive Nature</td>
<td>H M L</td>
</tr>
<tr>
<td>50-69</td>
<td>Moderate Invasive Nature</td>
<td>M L Ins</td>
</tr>
<tr>
<td>40-49</td>
<td>Low Invasive Nature</td>
<td>L Ins Ins</td>
</tr>
<tr>
<td>&lt;40</td>
<td>Insignificant Invasive Nature</td>
<td>Ins Ins Ins</td>
</tr>
</tbody>
</table>

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’s regional “Partnerships for Regional Invasive Species Management.” Unpublished. The Nature Conservancy, Cold Spring Harbor, NY; Brooklyn Botanic Gardens, 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.