PRISM: Long Island Invasive Species Management Area

Scientific name: Cynanchum rossicum  
USDA Plants Code: CYRO8

Common names: European swallow-wort

Native Distribution: Central Eurasia

Date Assessed: April 7, 2009

PRISM Assessors: Steve Glenn, Gerry Moore

PRISM Reviewers: LIISMA SRC

Date Approved: April 15, 2009

Form version date: 3 March 2009

New York Relative Maximum score: 87.63  
Date NY assessment approved: April 15, 2009

New York State Invasive Rank: Very High

**SUMMARY OF PRISM RANKING RESULTS:**

**Distribution:** [Common]

**Estimated number of infested sites:** 2+

**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  
   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:
Documented from at least 2 sites on Long Island since 1980. One site, The Nature Conservancy's Mashomack Preserve (Shelter Island), is over 1 acre in size. Also, documented from coastal Fairfield Co. CT- just across Long Island Sound. Due to taxonomic/nomenclatural confusion, this species is probably under-reported and in fact may be more common.

Sources of information:
Brooklyn Botanic Garden, 2009.

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):

Older vouchers attest to its occurrence on Long Island since the 1880s. Due to taxonomic/nomenclatural confusion, this species is probably under-reported and in fact may be more common.

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.