PRISM: Long Island Invasive Species Management Area

Scientific name: Dipsacus laciniatus L.   USDA Plants Code: DILA4
Common names: Cut-leaf teasel
Native Distribution: Eurasia
Date Assessed: October 22, 2009
PRISM Assessors: Gerry Moore
PRISM Reviewers: LIISMA SRC
Date Approved: November 4, 2009

New York Relative Maximum score: 74.44
New York State Invasive Rank: High

Date NY assessment approved: Nov. 4, 2009
Form version date: 13 April 2009

New York Relative Maximum score: 74.44

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Not Present
Estimated number of infested sites: 0
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: Not Present

Describe distribution:
Not reported from 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: Unlikely

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):
Grauver (2006): "This species has a strong preference for open (full sun) conditions and can grow in a variety of soil moisture regimes (wet to dry), but strongly prefers mesic, fertile soils (Glass 1990, OHDNAP 2001, WIDNR 2004, Czarapata 2005, Hilty 2006, Whiting 2006). The species soil preferences and its appearance in limestone areas makes it unlikely that species will become widespread in LIISMA.
Sources of information:
Brooklyn Botanic Garden, 2009; Weldy & Werier, 2009; author's pers. obs..

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: **Unlikely**

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: B  (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.