

PRISM
 (New York Partnerships for Regional Invasive Species Management)
NON-NATIVE PLANT INVASIVENESS RANKING FORM

PRISM: Long Island Invasive Species Management Area

Scientific name: Heracleum mantegazzianum Somm. & Lev. USDA Plants Code: HEMA17
 Common names: Giant Hogweed
 Native Distribution: Central Asia
 Date Assessed: 9 April 2008; edited 6 April 2010
 PRISM Assessors: Steve Glenn
 PRISM Reviewers: LIISMA SRC
 Date Approved: 21 April 2008 Form version date: 13 April 2009
 New York Relative Maximum score: 72.00 Date NY assessment approved: 21 April 2008
 New York State Invasive Rank: High

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Restricted
Estimated number of infested sites: 3
PRISM Invasiveness Rank[§]: Moderate



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: Restricted

Describe distribution:
 One known site Nassau County and two in Suffolk County
 Sources of information:
 Brooklyn Botanic Garden. 2008; LIISMA's WIMS database

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

*Definition of "infested area" is the "...actual or percentage of land occupied by [canopy cover of] weed plants" NAWMA (North American Weed Management Association) 2002. North American Invasive Plant Mapping Standards (see <http://www.nawma.org/>).

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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):

Suitability of habitats

Sources of information:

Brooklyn Botanic Garden. 2008; Page, N. A. et al. 2006; Thiele, J. & A. Otte. 2006

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: Moderately 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.

New York Relative Maximum Score	New York Invasiveness Rank	A	B	C
> 80.00	Very High	VH	H	M
70.00–80.00	High	H	M	L
50.00–69.99	Moderate	M	L	Ins
40.00–49.99	Low	L	Ins	Ins
<40.00	Insignificant	Ins	Ins	Ins

Column used: B (Insert PRISM Invasiveness Rank on page 1)

References for species assessment:

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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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