

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

PRISM: Long Island Invasive Species Management Area

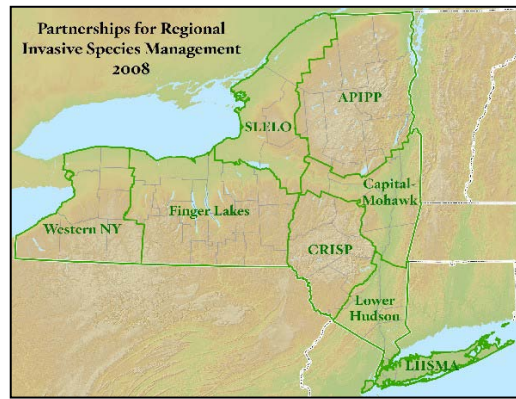
Scientific name:	Lysimachia punctata	USDA Plants Code: LYPU2
Common names:	Spotted Loosestrife	
Native Distribution	Central and southern Europe to Turkey	
Date Assessed:	January 8, 2010	
PRISM Assessors:	Steve Glenn, Gerry Moore	
PRISM Reviewers:	LIISMA SRC	
Date Approved:	Jan. 20, 2010	Form version date: 13 April 2009
New York Relative Maximum score:	57.14	Date NY assessment approved: Jan 20, 2010
New York State Invasive Rank:	Moderate	

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Restricted

Estimated number of infested sites: 1

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:
Only documented from 1 site on Long Island since 1980. LIBS has it in Kings, Queens, Oyster Bay, and Southold but only Southold is post-1980.
Sources of information:
Brooklyn Botanic Garden, 2010.

[§]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/>).

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):

Suitable habitats and climate- reported escaping from cultivation as far north as northern Sweden (Stenberg, 1994) and Canada (Cholewa, 2009; U.S.D.A. NRCS, 2010).

Sources of information:

Stenberg, 1994; Cholewa, 2009; Brooklyn Botanic Garden, 2010; USDA, 2010.

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.

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: A (Insert PRISM Invasiveness Rank on page 1)

References for species assessment:

Brooklyn Botanic Garden. 2010. AILANTHUS database. [Accessed January 8, 2010].

Cholewa, A. F. 2009. *Lysimachia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. 14+ vols. New York and Oxford. Vol. 8, pp. 308-318.

Stenberg, L. 1994. Observations of the flora in the Pitea area in the southern part of Norrbotten. *Svensk Botanisk Tidskrift*. 88(1):49-56.

United States Department of Agriculture, National Resources Conservation Service. 2010. The PLANTS Database. National Plant Data Center, Baton Rouge, Louisiana. < <http://plants.usda.gov/>> [Accessed January 8, 2010].

PRISM

(New York Partnerships for Regional Invasive Species Management)

NON-NATIVE PLANT INVASIVENESS RANKING FORM

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.