

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

PRISM: Long Island Invasive Species Management Area

Scientific name:	<u>Galega officinalis</u>	USDA Plants Code: <u>GAOF</u>
Common names:	<u>Professor-weed, common milkpea, goat's-rue</u>	
Native Distribution	<u>North Africa, Middle East and Europe</u>	
Date Assessed:	<u>October 30, 2008</u>	
PRISM Assessors:	<u>Steven Clemants</u>	
PRISM Reviewers:	<u>LIISMA SRC</u>	
Date Approved:	<u>29-Apr-2009</u>	Form version date: <u>25 August 2008</u>
New York Relative Maximum score:	<u>59.72</u>	Date NY assessment approved: <u>April 29, 2009</u>
New York State Invasive Rank:	<u>Moderate</u>	

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Not Present

Estimated number of infested sites: 0

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: Not Present

Describe distribution:
 One recent record in Bronx but none in the LIISMA
 Sources of information:
 Weldy & Werier, 2005; Brooklyn Botanic Garden, 2008.

*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):

Reported from Lower Hudson PRISM. Also in PA at Morris Arboretum. Further studies on the species' soils preferences may show that establishment on Long Island is less likely.

Sources of information:

Gravuer 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: 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. 2008. AILANTHUS database. [Accessed on October 30, 2008.]

Gravuer, K. 2006. Galega officinalis. U.S. Invasive Species Impact Rank (I-Rank). NatureServe Explorer. <www.natureserve.org>. [Accessed on 10/30/2008.]

Weldy, T. and D. Werier. 2005. New York Flora Atlas. [S.M. Landry, K.N. Campbell, and L.D. Mabe (original application development), Florida Center for Community Design and Research. University of South Florida]. New York Flora Association, Albany, New York. [Accessed on October 30, 2008.]

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.