

PRISM

New York Partnerships for Regional Invasive Species Management.

NON-NATIVE PLANT INVASIVENESS RANKING FORM FOR NATURAL / MINIMALLY MANAGED AREAS

PRISM: Adirondack Park Invasive Program

Scientific name: Cytisus scoparius USDA Plants Code: NA
Common names: Scotch Broom
Native Distribution: Europe and North Africa
Date Assessed: 4/12/2016
PRISM Assessors: Zachary Simek
PRISM Reviewers: _____
Date Approved: _____ Form version date: 6 September 2012

New York Relative Maximum score: 78.13 Date NY assessment approved: 04/2016

New York State Invasive Rank: High
(for natural areas)

SUMMARY OF PRISM RANKING RESULTS:

Distribution:

Estimated number of infested sites:

PRISM Invasiveness Rank[§]:



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:

Describe distribution:

There is one reported infestation of scotch broom in the Adirondack PRISM located in Newcomb, NY.

Sources of information:

APIPP 2016

[§]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:

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):

Scotch broom prefers open sites and can thrive in a variety of soil conditions. Medium sized plants can produce 1000+ seeds per year that are highly viable with high germination rates. Seeds are spread locally via ballistic dispersal, but can be transported longer distances by insects or anthropogenic factors such as roadside mowing. Some literature suggests that scotch broom may be negatively impacted by frequent cold winters. This may decrease its likelihood for expansion in the PRISM.

Sources of information:
Zouhar, 2005.

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.

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:

APIPP field observation and distribution data, 2016

Zouhar, Kris. 2005. *Cytisus scoparius*, *C. striatus*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis/> [2016, April 12].

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

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