

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

PRISM: Long Island Invasive Species Management Area

Scientific name: Centaurea jacea s.l. (including C. nigra, C. nigrescens, C. xmoncktonii)  
 USDA Plants Code: CEJA, CEMO6, CENI2, CENI3

Common names: Black knapweed, black star-thistle, brown knapweed, brown ray knapweed, brown star-thistle, lesser knapweed, meadow knapweed, protean knapweed, short-fringed knapweed, short-fringed star-thistle, tyrol knapweed, vochin knapweed

Native Distribution: Europe

Date Assessed: April 6, 2009; April 14, 2009

PRISM Assessors: Gerry Moore

PRISM Reviewers: LIISMA SRC

Date Approved: April 15, 2009 Form version date: 3 March 2009

New York Relative Maximum score: 62.34 Date NY assessment approved: April 15, 2009

New York State Invasive Rank: Moderate

**SUMMARY OF PRISM RANKING RESULTS:**

**Distribution:** Widespread

**Estimated number of infested sites:** > 30

**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: Widespread

Describe distribution:  
 Know throughout PRISM.  
 Sources of information:  
 Brooklyn Botanic Garden, 2009; Weldy & Werier, 2009.

\*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):  
 Already well-established in PRISM.  
 Sources of information:  
 Brooklyn Botanic Garden, 2009; Weldy & Werier, 2009.

**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:**

Brooklyn Botanic Garden. 2009. AILANTHUS database. [Accessed on April 6, 2009.]

Weldy, T. and D. Werier. 2008. 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 April 6, 2009.]

**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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