

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

PRISM: Long Island Invasive Species Management Area

Scientific name: Lepidium latifolium L.      USDA Plants Code: LELA2  
 Common names: Broadleaved Pepperweed  
 Native Distribution: Central Eurasia  
 Date Assessed: June 4, 2008  
 PRISM Assessors: Steve Glenn, Steve Clemants  
 PRISM Reviewers: LIISMA SRC  
 Date Approved: 2008-9-10      Form version date: 25 August 2008  
 New York Relative Maximum score: 79.38      Date NY assessment approved: 2008-9-10  
 New York State Invasive Rank: High

**SUMMARY OF PRISM RANKING RESULTS:**

**Distribution:** Common

**Estimated number of infested sites:** <4

**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: Common

Describe distribution:  
 Two current locations - Suffolk Co.; one historic (1936) location- Queens Co., 1.7 acres at West Meadow Beach  
 Sources of information:  
 Brooklyn Botanic Garden, 2008; Schwager pers. obs.

\*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):  
Found in several New England states and to the west  
Sources of information:  
U.S.D.A., 2008.

**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**

**References for species assessment:**

Brooklyn Botanic Garden. 2008. AILANTHUS database. [Accessed 4 June 2008].

United States Department of Agriculture. 2008. The PLANTS Database. National Plant Data Center, Baton Rouge, LA <<http://plants.usda.gov>>. [Accessed 4 June 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.

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