

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>Ligustrum ovalifolium</u> | USDA Plants Code: <u>LIOV</u> |
| Common names: | <u>California privet</u> | |
| Native Distribution | <u>Japan</u> | |
| Date Assessed: | <u>February 11, 2009</u> | |
| PRISM Assessors: | <u>Gerry Moore</u> | |
| PRISM Reviewers: | <u>LIISMA SRC</u> | |
| Date Approved: | <u>March 17, 2010</u> | Form version date: <u>25 August 2008</u> |
| New York Relative Maximum score: | <u>44.83</u> | Date NY assessment approved: <u>Mar. 17, 2010</u> |
| New York State Invasive Rank: | <u>Low</u> | |

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Restricted

Estimated number of infested sites: <3

PRISM Invasiveness Rank: Low



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:
 Present in Suffolk County.
 Sources of information:
 Weldy & Werier, 2008; Brooklyn Botanic Garden, 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 established in the LIISMA; possibly overlooked?
 Sources of information:
 Weldy & Werier, 2008; Brooklyn Botanic Garden, 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 February 11, 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 February 11, 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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