

## SLELO PRISM Partners Share These Goals:

### PREVENTION

Prevent the introduction of invasive species into the SLELO PRISM region.

### EARLY DETECTION & RAPID RESPONSE

Detect new and recent invaders and rapidly respond to eliminate all individuals within a specific area.

### COOPERATION

Share resources, expertise, personnel, equipment and information.

### INFORMATION MANAGEMENT

Collect, utilize, and share information regarding surveys, infestations, control methods, monitoring and research.

### CONTROL

Control invasive species infestations by using best management practices, methods and techniques to include:

ERADICATION - Eliminate all individuals and the seed bank from an area.

CONTAINMENT - Reduce the spread of established infestations.

SUPPRESSION - Reduce the density but not necessarily the total infested area.

### RESTORATION

Develop and implement effective restoration methods for areas that have been degraded by invasive species and where suppression or control has taken place.

### EDUCATION / OUTREACH

Increase public awareness and understanding of invasive species issues through volunteer monitoring, citizen science and community outreach.



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## FOR MORE INFORMATION or to REPORT A SIGHTING CONTACT:

St. Lawrence Eastern Lake Ontario  
Partnership for Regional Invasive  
Species Management

### SLELO PRISM

#### Main Office

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c/o The Nature Conservancy

St. Lawrence County CCE

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Jefferson County CCE

**315-788-8450**

Lewis County SWCD

**315-376-6122**

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**315-592-9663**

Or Visit Us Online At

[www.sl elo invasives.org](http://www.sl elo invasives.org)

Cover Photo, population photo and flowers  
photo: Rob Williams, SLELO PRISM Coordinator,  
Conservation Practitioner. The Nature  
Conservancy. Leaf/Stem photo: Kent Wildlife  
Trust;

<http://www.kentwildlifetrust.org.uk/species/japanese-knotweed>

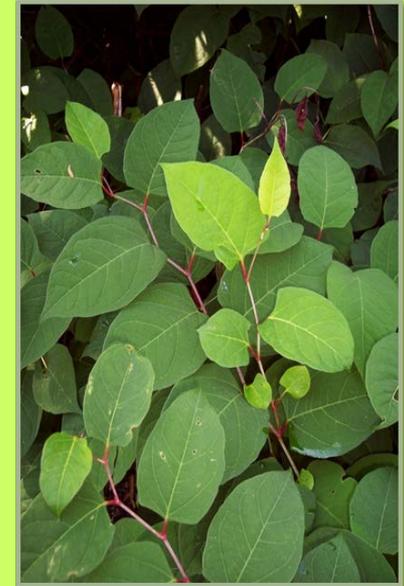
Stem photo: <http://grandpacliff.com/InvSp/JapKnot.htm>

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St. Lawrence Eastern Lake Ontario Partnership for Regional Invasive Species Management

## What You Should Know About Japanese Knotweed *(Fallopia japonica)*



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*“Teaming up to stop the  
spread of  
invasive species”*

## What is Japanese Knotweed?

Japanese knotweed, (*Fallopia japonica*) is a perennial herb with bamboo-like stems, and is native to Japan. It was intentionally introduced as an ornamental into America during the late 19<sup>th</sup> century.

Japanese knotweed is an aggressive riparian invader but can also thrive in wetlands and along roadsides and other disturbed areas. Once established, the plant's long rhizomes allow it to spread rapidly easily forming a monoculture. It has an extreme tolerance for deep shade, high temperatures, difficult soil and other environmental conditions making it highly adaptable. These attributes allow Japanese knotweed to easily outcompete more beneficial native vegetation altering the ecosystem. Below is a photo of how dense Japanese knotweed populations can become.



## Steps You Can Take to Stop the Spread of Japanese knotweed:

**When Outdoors:** Take care not to walk through infestations as this plant is spread easily by plant fragmentation .

Likewise, clean boots, ATV's and other equipment when exiting infested areas.

### Control/Management:

**Physical Control:** Small young populations can be manually removed. Take care not to leave behind any plant fragments, including the roots, **the entire plant must be removed and destroyed.**

**Chemical Control:** Treatments can be applied to foliage in late summer or early autumn. Take care to follow all pesticide application instructions as per label.

A combination of physical and chemical control methods are most effective; all courses of treatment should take care not to leave behind any plant fragments.

## Japenese Knotweed Identification:

**Leaves:** Alternate along the stem and are about 6 inches long by 3-4 inches wide and are triangular or heart-shaped with a pointed tip. Plants can grow up to 10-15 feet in height. **Stems:** are a reddish color, smooth, hollow and swollen at the node (where the leaf meets the stem).



**Flowers/Fruit:** Small, greenish-white flowers grow in sprays along branches in late summer. The flowers develop into winged fruit.

