



Invasive Species Update

February 7, 2024

(revised Feb 23rd by J West)



Ministry of Natural Resources & Forestry (MNRF)

- Invasive Species Act (2015)
- January 1 – new species added to the list
- We submitted comments last year
- Disappointed that whole genus of *Salvinia* included (Hoped *S. rotundifolia* would be excluded)



Invasive plants under review in 2023

Flowering-rush	✓	Butomus umbellatus
Eurasian water-milfoil	✓	Myriophyllum spicatum
African oxygen weed/elodea	✓	Lagarosiphon major
Evening primrose/ Floating primrose-willow	✓	Ludwigia peploides
Tree of heaven	✓	Ailanthus altissima
Water spangles/ water moss	✓	Salvinia minima
Giant salvinia	✓	Salvinia auriculata, biloba, herzogii and molesta
European water clover		Marsilea quadrifolia
Crested mosquitofern	✓	Azolla cristata
plus whole genus of Salvinia	✓	Salvinia spp.

Invasive Species Definitions

Restricted

- It is illegal to deposit or release restricted invasive species in Ontario and cannot be brought into a provincial park or conservation reserve.
- **Illegal to buy, sell, propagate, or import into Ontario, lease or trade.**

Prohibited

- It is illegal to import, possess, deposit, release, transport, propagate (breed/grow), buy, sell, lease or trade these invasive species.

Restricted Plants



Eurasian Water-milfoil

(*Myriophyllum spicatum*)

Potential impacts: outcompete native vegetation, adversely affect water quality, impede recreational activities and create habitat for mosquitoes.



Floating Primrose-willow

(*Ludwigia peploides*)

Potential impacts: dense colonies outcompete native vegetation, adversely affect water quality, and impedes recreational activities such as boating and swimming.



Flowering Rush

(Butomus umbellatus)

Potential impacts: can displace native riparian vegetation, forms dense stands which impact industrial and recreational uses of shallow waters, and reduces habitat of native fish and increases habitat for invasive fish.



Tree-of-heaven

(Ailanthus altissima)

Potential impacts: changes chemical and microbial activity in soils, reduces soil nutrients, displace native plant species, associated with several fungal pathogens and the preferred host to the spotted lanternfly.



Water Ferns

(Azolla spp.)

Potential impacts: dense colonies outcompete native vegetation, adversely affect water quality, impedes recreational activities such as boating and swimming, and negatively affect wild rice populations.



Prohibited as of Jan 1, 2024

- ***Genus Salvinia*** (Watermoss – aquatic plant)
- Potential impacts: dense colonies outcompete native vegetation, adversely affect water quality and impede recreational activities such as boating and swimming.



Prohibited as of Jan 1, 2024

- ***Lagarosiphon major*** (African Oxygen Weed – aquatic plant)
- Potential impacts: dense colonies outcompete native vegetation, create anoxic conditions during large-scale decay and impedes recreational activities such as boating and swimming.



HORTICULTURAL TRADES ASSOCIATION
landscape ontario.com



Green for Life!

Jeanine West
***your* Grower Technical Analyst!**

jwest@landscapeontario.com

1-705-796-8812