



Spread the Word - Not Invasives

PLiINK 2024 – Anstruther Lake AGM

2024 08 31

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Lake Health – Focus on Invasive Species



PLiNK.ca

Prevent Lake Invasives in North Kawartha

CLEAN - DRAIN - DRY



What is PLiINK?



PLiINK is a North Kawartha community organization focusing on preventing the spread of Aquatic Invasive Species (AIS) with two pronged approach:

1. Aquatic Invasive Species:

- Increase community knowledge of AIS and their impact on native species
- Connect community members with organizations (e.g. Trent, OFAH) to assist in the identification of Invasive Species in their lakes – facilitate a baseline

2. Clean-Drain-Dry Practice:

- Spread the word of the Clean-Drain-Dry practice, in order to encourage its adoption
- Facilitate OFAH ISAP hands-on training of CDD

Why Tackle Invasives?



- Invasives
 - Compete for resources with native / indigenous species,
 - Often over-run the native / indigenous species,
 - Reduce the bio-diversity of an area, and
 - Have significant impact on the ecosystems.
- For more details visit PLiINK and the reference sites:
 - pliink.ca/aquatic-invasive-species

Aquatic Invasive Species

reference material from invasivespeciescentre.ca

- Examples Invasive Species of Interest



- [Starry Stonewort \(*Nitellopsis obtusa*\)](#)



- [Spiny Water Flea \(*Bythotrephes longimanus*\)](#)



- [Chinese Mystery Snail \(*Cipangopaludina chinensis*\)](#)

For a comprehensive lists visit invasivespeciescentre.ca and plink.ca/aquatic-invasive-species



Spiny Waterflea

Bythotrephes longimanus

- Predatory, invasive crustacean.
- Easily transmissible.
- Can result in over 40% decline in plankton.
- Greatest threat to plankton on Canadian Shield since acid rain.



Eurasian Water-Milfoil

Myriophyllum spicatum

- Aggressive, invasive submerged plant.
- Easily transmissible through fragmentation.
- Chokes out native vegetation.
- Incredibly widespread.



Invasives Do's and Don'ts



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- Refer to ontario.ca/page/remove-invasive-aquatic-plants
- Do:
 - Identify invasives using resources on the Aquatic Invasive Species page and the AIS Organizations page
 - Report Invasives to [EDDMaps](#)
 - Repot Invasives to [iNaturalist](#)
 - Invite Invasive experts to your Lake events to educate your community, refer to the [AIS Organizations](#)
 - Clean-Drain-Dry your watercraft upon exiting a waterbody, refer to the [Clean-Drain-Dry](#)
- Don't:
 - Transport Invasives out of your lake, refer to the Clean-Drain-Dry page
 - Remove aquatic invasive plants without permits from the Ministry of Natural Resources ([Invasive rules](#))
 - Remove aquatic native plants without permits from the Ministry of Natural Resources ([Native rules](#))
 - Extract plants indiscriminately or disturb the site – you may be doing harm



iNaturalist



Clean-Drain-Dry – the Law



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CLEAN - DRAIN - DRY

Prevent the Spread of Aquatic Invasive Species



Upon leaving a body of water:

CLEAN

Clean debris from your boat, inside and out ... don't forget your trailer

DRAIN

Drain all water from your watercraft, ballast, holding tanks, trailer and gear

DRY

Dry all parts of your watercraft, trailer and gear completely

It's the Law



Vecteezy.com



Prevent Lake Invasives in North Kawartha
info@pliink.ca

- Per Section 14 of the Invasive Species Act, 2015 [ONTARIO REGULATION 354/16](https://www.ontario.ca/laws/regulation/160354)
- (2) A person shall not transport watercraft or watercraft equipment overland unless,
 - (a) any drain plugs or other devices used to control drainage have been removed or opened to allow water to drain out of the watercraft or watercraft equipment; and
 - (b) reasonable measures have been taken to remove any aquatic plants, animals or algae from the watercraft, watercraft equipment and any vehicle or trailer used to transport the watercraft or watercraft equipment overland. O. Reg. 702/21, s. 9.”
- <https://www.ontario.ca/laws/regulation/160354>
- For more details visit: <https://pliink.ca/clean-drain-dry/>

Does this apply to me?

- I don't have a boat, I stay on my lake, do I need to care?
- Do you visit other lakes or have visitors to your lake?
- Any watercraft leaving or entering a body of water:
 - Boaters
 - Day Fishermen
 - Day tripping Kayakers or Canoeists
 - Paddle boarders or paddle boats
 - Boat Derby participants
 - Service staff (eg. Internet/TV, Hydro, OPP, Septic services)



PLiINK – Raising Awareness



- North Kawartha Environmental Initiatives Grant
 - 50% up to \$10K
 - To Do:
 - Design simple sign (base on PLiINK posters)
 - Work with North Kawartha on estimate for creation and installation (Selwyn may also be interest)
 - Consider accessories (eg. Brushes, tongs, chammies)
 - Solicit lake association for 50% funding
 - Apply for grant

What You Can Do



- Support the PLiINK Awareness Initiative – Fund the signage
- Share AIS/CDD knowledge/expertise
- Join the PLiINK Working Group
- Subscribe at PLiINK.ca <https://pliink.ca/subscribe>
- Present or invite us to present at your AGM (material to be provided)
- Volunteer at Community Events
- Increase your awareness of Invasive Species (EDDMaps, iNaturalist, etc.)
- Practice and Encourage Clean-Drain-Dry when using watercraft
- Host OFAH-ISAP for CDD Demonstrations for your lake – Jeff Berthelette
- Host Invasive Species Experts to check out your lake – Kaleigh Mooney

PLiINK – Resource Links



- PLiINK.ca
 - [AIS Overview](#)
 - [Clean-Drain-Dry](#)
- [Organizations:](#)
 - [OFAH-ISAP](#)
 - [EDDMapS](#)
 - [iNaturalist](#)
 - [FishOnLine](#)
 - and [many more](#)
- Other local Lake Health organizations of interest:
 - Shoreline Conservation Initiative for Peterborough County
 - Coalition of Healthy Shorelines (CHS)



The PLiINK Team



- Project Lead & Communications:

- Vickie Hartog
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- NORKLA - Sponsor & Advocate

- Doug Wellman
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- Working Group Members

- Doug Wellman - NORKLA
- Debra Anthony – Chandos Lake
- Mary Webb – Anstruther Lake
- Rob Pratten – Anstruther Lake
- Barbara Saunders- Anstruther Lake
- Carol Cole – KLSA – Kawartha Lakes Stewardship Association
- Jeff Berthelette - OFAH

- Openings Available