



Canadian Council
on Invasive Species

Conseil Canadien sur les
Espèces Envahissantes

PLAY

**CLEAN
GO IN CANADA**

Canadian Council on Invasive Species

ISC BC Invasive Species Action Month

May 13 2020

CANADAINVASIVES.CA



Background

- Federally registered, non-profit initiated in 2008
- Created as a result of the first National Invasive Species Forum
- Mandate and focus established by national members
- Governed by a '4 chamber' Board: Governments, Chapters, Industry/Businesses and Indigenous Organizations



Board of Directors

Working together to improve coordination among provinces and territories across Canada, and beyond borders.



Chapters



- Provide a strong national voice
- Grow & Strengthen
- Create dialogue
- Collaborate together
- Delivery of National Programs



What We Do

Focus on pathways:
firewood, horticulture,
aquatic and terrestrial
recreation, pet and
aquarium trade


Linking invasive species
councils, government
agencies, indigenous
and industry & non-
profits together



STOP INVASIVE SPECIES IN YOUR TRACKS.

Dog Strangling-Vine threatens the monarch butterfly, take action to prevent spreading it.

- **REMOVE** plants, insects & mud from boots, gear and pets.
- **CHECK** your tires on bikes and ATVs and remove any plant parts before moving to a new area.
- **CLEAN** your gear before entering & leaving the recreation site.
- **STAY** on designated roads & trails.
- **LEARN** to identify common invasive species and **REPORT** them!



STOP INVASIVE SPECIES IN YOUR TRACKS.



ATTENTION

Invasive species impact our waters

Once you leave the water...

| | | |
|--|--|--|
| CLEAN plants, animals and mud from boat and gear | DRAIN all water from boat and gear onto land | DRY all parts of your boat and gear completely |
|--|--|--|

 Report Zebra or Quagga mussel sightings to the R.A.P.P. Hotline 1-877-952-7277
For more information: CleanDrainDry.ca

What We Do

Hosting educational/information sharing events

Improving coordination across Canada and beyond borders

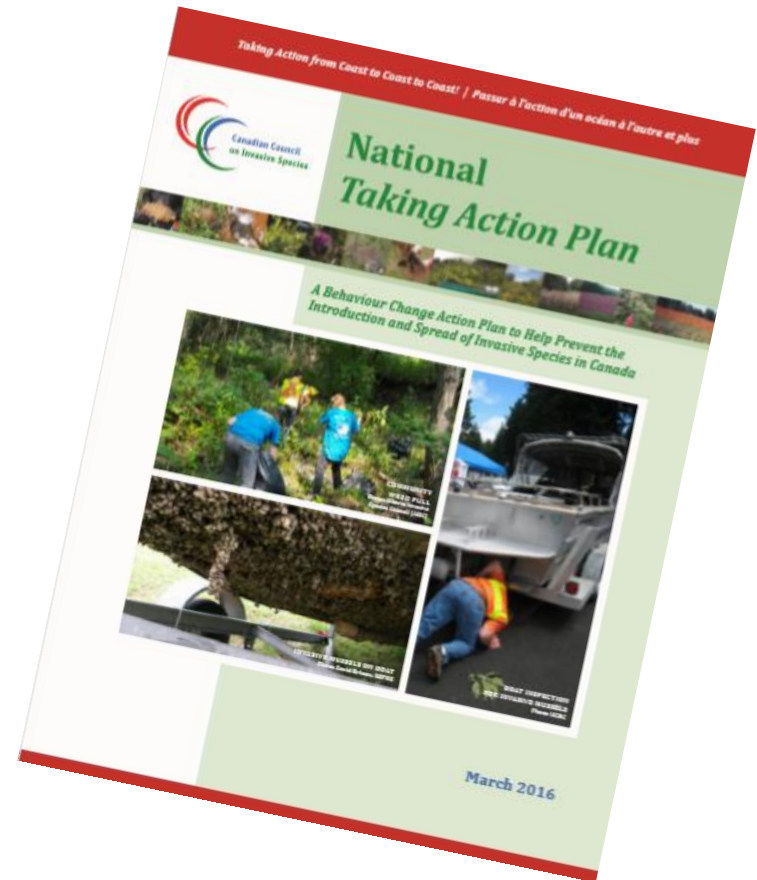


National Taking Action Plan (2016)

This plan outlines the main education and outreach strategies recommended for invasive species prevention and management across Canada

Goals:

- Canadians adopt new behaviours that block targeted pathways spreading invasive species
- Creation of consistent messaging and branding for all programs
- Community based social marketing is the cornerstone
- Identify and engage with key partners and stakeholders
- Website hub is developed
- 2020 Action Plan, 2020-2025 Strategic Plan



NATIONAL BASELINE SURVEY 2018

Establish a 'benchmark' of Canadians knowledge related to invasive species and campaigns

Gathered information on current 'behaviours' related to the movement of firewood, boating etc.

Goal of survey is to inform the development of the campaigns moving forward

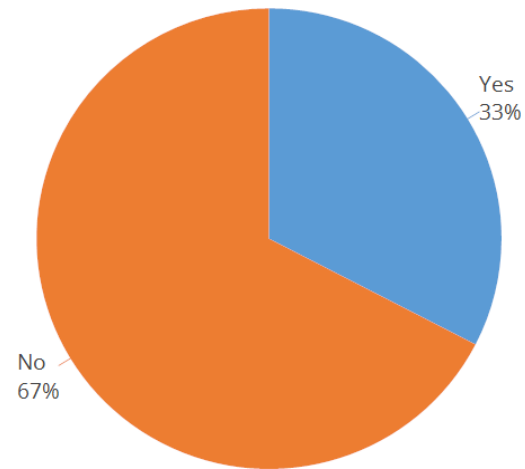


NATIONAL SURVEY RESULTS 2018

90% of firewood users indicated that they use firewood for campfires, bonfires and recreation

Most people report they source firewood locally

When camping, 45% reported they buy firewood at campsite



A5 - Are you aware of any regulations in your province/territory that ban the movement of firewood outside of local areas?
SUMMARY Filter: Completed surveys AND Yukon, Northwest Territories, Nunavut, British Columbia, Saskatchewan, Manito...;
sample size = 1218; 86% filtered out

NATIONAL SURVEY RESULTS

25% indicate they check and remove invasive species

Most people don't check and remove due to lack of awareness

Education campaigns motivate people



NATIONAL SURVEY RESULTS

Increase awareness and improve attitude – level of concern and willingness to take action increases

Attitude and awareness alone still not enough

People like signage, road signs, social media and workshops

Need to remind people often and secure commitments

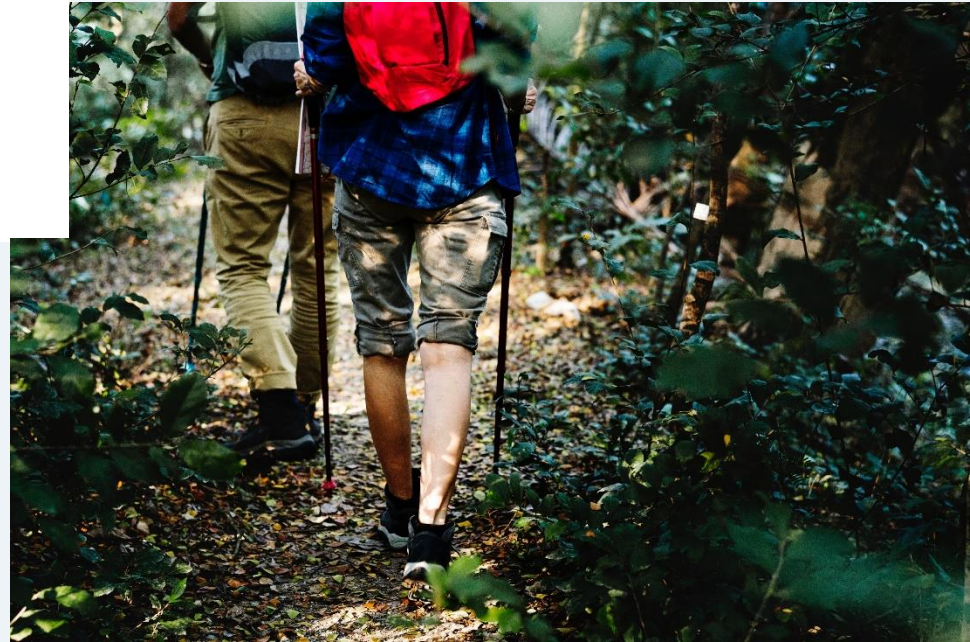




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PLAYCLEANGO



PLAYCLEANGO

Adopted from Minnesota
in 2016, expanded starting
2018

Follows behaviour change
methodology like our other
campaigns

Work collaboratively
across Canada to
encourage recreation
while protecting the
outdoors



**STOP INVASIVE SPECIES
IN YOUR TRACKS.**

PlayCleanGo.ca

PLAYCLEANGO.CA

PLAYCLEANGO

of resources completed and updated, including graphic standards

Boot brushes available for purchase

Partners/individuals can sign-up via website and take the pledge

COME CLEAN. LEAVE CLEAN.



Help Prevent The Spread
Of Invasive Plants And Animals.

REMOVE plants, animals & mud from boots, gear, pets & vehicles.
CLEAN your gear before entering & leaving the recreation site.
STAY on designated roads & trails.
REPORT invasive species to 1-800-563-7711
or EDDMapS.org/Ontario

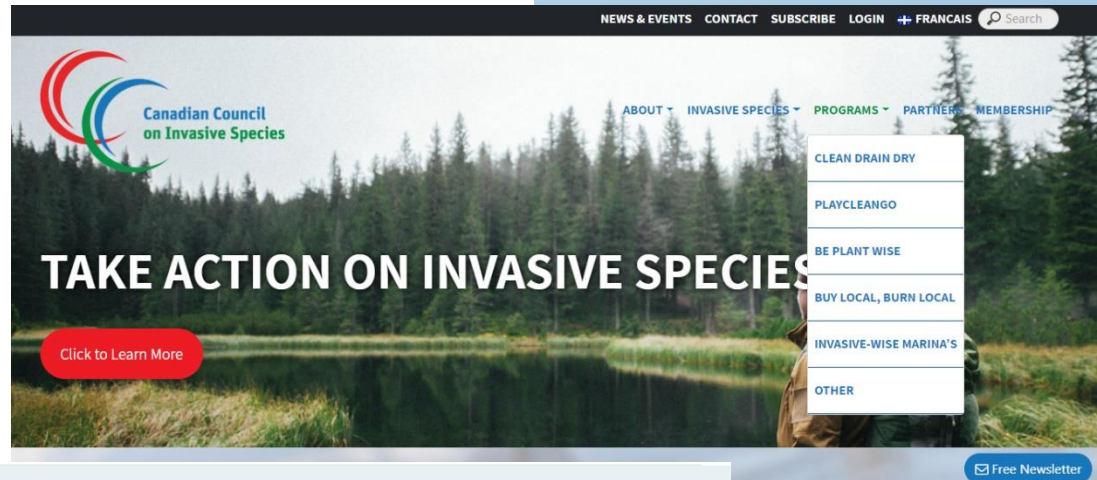
I STOP INVASIVE SPECIES IN MY TRACKS



STOP INVASIVE SPECIES
IN YOUR TRACKS.
PlayCleanGo.ca



PLAYCLEANGO



Take the Pledge!

Invasive species can cause damage to the economy, the environment, and to human health, but each person can make a difference in preventing new invasions and stopping the spread of existing ones!

People across North America are joining together to protect the places we love by taking the PlayCleanGo Pledge. When you take the Pledge, you agree to:

- REMOVE plants, insects, and mud from your boots, gear, and pets.
- CHECK your tires on bikes and ATVs and remove any plant parts before moving to a new area.
- CLEAN your gear before entering and leaving a recreation site.
- STAY on designated roads and trails.
- LEARN to identify common invasive species and report them.

Fill out the form below to take the Pledge!

Name

First

Last

Free Newsletter

PLAYCLEANGO

Join

Become a PlayCleanGo Partner

What if every outdoor enthusiast were provided with the tools to Stop Invasive Species in their Tracks? Could we stop them? We think so. We have 550+ partner organizations already, representing thousands of individuals who believe we can do it too.

Join forces with like-minded individuals, organizations, and businesses across North America. Become a PlayCleanGo partner now!

Each partnership opportunity provides a variety of benefits to support shared goals at the level that feels right for you. The available PlayCleanGo benefits are listed when you choose the partner type that is right for you.

Supporter

Encouraging a growing the number of individuals is fundamental to a successful behaviour change program. Across Canada, especially within key target groups and youth, the aim is to have responsible individuals gain awareness and personally 'adopt' a behaviour change program. Supporters are individuals who pledge to adopt PlayCleanGo. Supporters serve as role models and encourage others to join.

Organizational Partners

Organizational partners are critically important to sustaining PlayCleanGo and spreading its message and resources. As an organizational partner, you will receive various benefits, while contributing to the strength and sustainability of the program.

 [Free Newsletter](#)

Supporter

Level 1

Level 2

PLAYCLEANGO

| | Supporter | | | | | |
|---|-----------|-------------------------|------------------------------|--|------------------------------|--|
| | Supporter | Supporter (CCIS Member) | Organizational Partner Lvl 1 | Organizational Partner Lvl 1 (CCIS Member) | Organizational Partner Lvl 2 | Organizational Partner Lvl 2 (CCIS Member) |
| | \$40 | \$30 | \$150 | \$100 | \$400 | \$325 |
| Recognition | | | | | | |
| Name listed on website | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Logo added to the website | | | | | ✓ | ✓ |
| Featured in CCIS E-bulletin | | | ✓ | ✓ | ✓ | ✓ |
| Products | | | | | | |
| Welcome Kit | | | ✓ | ✓ | ✓ | ✓ |
| Three resources with logo added, for you to distribute and receive final product in electronic form | | | ✓ | ✓ | | |
| Graphic Standards | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Access to print files | | | | | ✓ | ✓ |
| Services | | | | | | |
| 2 hours free graphic design services | | | | | | Free N |

CURRENT RESOURCES AVAILABLE

- Boot brush sign
- Factsheet template
- Posters
- Sticker templates
- Boot brushes
- Rack card
- Trail head sign
- Creation of new resources through new partners
- Depending on the partner level chosen, various levels of access

WIPE YOUR FEET!
Invasive plants can damage our environment and harm our economy. Shoes can carry the seeds of invasive plants like Spotted Knapweed (*Centaurea maculosa*) and spread them to new areas. Brush your shoes before entering and leaving this area.

What's The Problem?
Spotted Knapweed's biology allows it to out-compete many native plants for sunlight, nutrients, and moisture.

- Originally from Eurasia, Spotted Knapweed lacks "natural controls" like insects or disease that would keep it in check.
- Wildlife and people unknowingly make the problem worse by spreading the seeds to other areas.

Other Invasive Plants On The Move...

Oxeye daisy (*Leucanthemum vulgare*)
Oxeye Daisy was introduced from Eurasia as an ornamental and now grows in ditches and disturbed areas.

STOP INVASIVE SPECIES IN YOUR TRACKS.

Dog Strangling-Vine threatens the monarch butterfly, take action to prevent spreading it.

- **REMOVE** plants, insects & mud from boots, gear and pets.
- **CHECK** your tires on bikes and ATVs and remove any plant parts before moving to a new area.
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- **STAY** on designated roads & trails.
- **LEARN** to identify common invasive species and **REPORT** them!

Play Clean Go
STOP INVASIVE SPECIES IN YOUR TRACKS.

Canadian Council on Invasive Species / Conseil canadien sur les Espèces Envahissantes

PLAYCLEANGO – PARTNER SPOTLIGHT

GIVE INVASIVE SPECIES THE BRUSH OFF

Shoes, camping equipment, pets, and bike tires can carry the seeds of invasive plants like carpet burweed (*Soliva sessilis*). Please check your gear and brush off any seeds before entering and leaving this area.



What's The Problem?

Carpet burweed is a small but mighty invasive plant. It forms dense mats in open grassy areas, grows sharp seed spines, and out-competes other important native grassland plants.

- The spiny seeds spread by attaching to clothes, equipment, pets, and tires.
- Help us stop the spread to other areas and clean before you go.



Carpet burweed (*Soliva sessilis*)

Rare native plants in Ruckle Park

Macoun's meadowfoam (*Limnanthes macounii*)



Common camas (*Camassia quamash*)



Slender popcornflower (*Plagiobothrys tenellus*)



Rare native plants such as Macoun's meadowfoam, common camas, and slender popcornflower are at risk of being lost from Ruckle Provincial Park if carpet burweed is not controlled.



STOP INVASIVE SPECIES IN YOUR TRACKS.
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BC PARKS

Which of these can transport invasive plant seeds?



PHOTO: BOB LANGRISH FOR THE PLAYCLEANGO



Canadian Council on Invasive Species
Conseil Canadien sur les Espèces Envahissantes

PLAYCLEANGO – PARTNER SPOTLIGHT

WORK. CLEAN. GO.

Give Invasive Species The Brush Off.



**I STOP
INVASIVE SPECIES
IN MY TRACKS**



Lisa Scott

**CENTRAL
KOOTENAY
INVASIVE SPECIES
SOCIETY**

Help Prevent The Spread Of Invasive Plants And Animals.

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- **CLEAN** your gear before entering & leaving the recreation site.
- **STAY** on designated roads & trails.
- **BUY AND BURN** local firewood.
- Learn to identify common invasive species and **REPORT** them!



To find out about more actions you can take to prevent the spread of invasive plants and animals visit playcleango.ca



STOP INVASIVE SPECIES
IN YOUR TRACKS.
PlayCleanGo.ca



Canadian Council on Invasive Species
Conseil Canadien sur les Espèces Envahissantes

PLAYCLEANGO – PARTNER SPOTLIGHT

WIPE YOUR FEET!

Shoes can carry the seeds of invasive plants like Spotted Knapweed (*Centaurea maculosa*)! Please brush them off before entering and leaving this area.

ESSUIE TES PIEDS!

Les chaussures peuvent porter les graines de plantes envahissantes comme la centauree maculee (*Centaurea maculosa*)! Veuillez les brosser avant d'entrer et de sortir de cette zone.



What's The Problem?

Spotted Knapweed's biology allows it to out-compete many native plants for sunlight, nutrients, and moisture.

- Originally from Eurasia, Spotted Knapweed lacks "natural controls" like insects or disease that would keep it in check.
- Wildlife and people unknowingly make the problem worse by spreading the seeds to other areas.

Quel est le problème?

La centauree maculee a developpe un feuillage capable d'obtenir plus de soleil, de nutriments et d'humidite que les plantes indigenes.

- Originaire d'Eurasie, la centauree maculee n'a pas de predateurs indigenes, comme des insectes ou des maladies qui l'empêcheraient de prendre le dessus.
- La faune et les gens aggravent inconsciemment le probleme en repandant les graines dans d'autres regions.



© Parks Canada / Jason Smith

Other Invasive Plants On The Move... Autres plantes envahissantes qui se propagent...



© Parks Canada / Jason Linn

Oxeye daisy (*Leucanthemum vulgare*)

Oxeye Daisy was introduced from Eurasia as an ornamental and now grows in ditches and disturbed areas.

Leucanthemum vulgare a été introduit à partir de l'Eurasie comme plante ornementale et pousse maintenant dans les fossés et les zones perturbées.



© Parks Canada / Leo Nolani

Orange Hawkweed (*Pilosella aurantiaca*)

Orange Hawkweed forms a thick mat of vegetation and chokes out other plants in the area.

Pilosella aurantiaca forme une épaisse couche de végétation et déplace d'autres plantes de la région.



STOP INVASIVE SPECIES IN YOUR TRACKS.

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NE LAISSEZ PAS LES ESPECES ENVAHISSANTES SUIVRE VOS TRACES.

JouezNettoyezPartez.ca



 Parks Canada Parcs Canada

WATERTON NATIONAL PARK



Canadian Council on Invasive Species Conseil Canadien sur les Espèces Envahissantes

PLAYCLEANGO – PARTNER SPOTLIGHT

STOP INVASIVE SPECIES IN YOUR TRACKS.



HALTE AUX ESPÈCES ENVAHISSANTES DANS VOS TRACES.



Aidez à protéger nos prairies indigènes en empêchant la propagation des plantes envahissantes.

- **ENLEVEZ** les éléments de plantes et la boue de vos bottes, vêtements et animaux de compagnie.
- **NETTOYEZ** votre équipement avant d'entrer dans le parc ou d'en sortir.
- **APPORTEZ** des cubes alimentaires, des granules et des flocons d'avoine ou de l'avoine cuite à la vapeur pour vos chevaux.
- **APPRENEZ** à identifier les plantes envahissantes courantes.
- **SIGNALEZ** toute plante envahissante aux employés du parc au moyen de l'application iNaturalist.



Parcs Canada **Parcs Canada**



Parcs Canada **Parcs Canada**



Invasive species harm our environment, economy and society – take action to prevent their spread!

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PARKS CANADA

Canadian Council on Invasive Species **Conseil Canadien sur les Espèces Envahissantes**

PLAYCLEANGO – WHAT’S NEXT FOR 2020

Continue outreach to obtain more partners and sponsors

Expanding resources where we can, look into other resources like hats, giveaways etc.

PCG Week June 6-13 2020



Jouez Nettoyez Partez

HALTE AUX ESPÈCES ENVAHISSANTES DANS VOS TRACES.

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 Parks Canada / Parcs Canada

 Canadian Council on Invasive Species / Conseil Canadien des Espèces Envahissantes

BUY LOCAL BURN LOCAL

- current resources

- Best practices for retailers, campground owners and firewood producers
- Invasive Species in Our Forests Activity and Colouring Book
- Invasive Species in Our Forests Educators Guide
- Posters
- Decal



CLEAN DRAIN DRY

- current resources

- 4 signs
- Decal
- Chamois
- Rack card
- Keychain
- Zebra and quagga mussel fact sheet



BE PLANT WISE

- current resources



CANADA'S UNWANTED INVASIVE PLANTS



Invasive species are a growing threat to Canada's ecosystems and are capable of overtaking and displacing native species. Although most introduced plants do not disrupt ecosystems, there are a very limited number of 'alien, non-native' plants that are identified as 'high risk' and a direct threat to human health and safety, the environment, and the economy. These plants are known as invasive due to their ability to aggressively take over the landscape.



This list outlines some of Canada's unwanted species from coast to coast to coast. The list is to raise awareness of invasive plants across Canada. It was developed by cross-referencing plant lists from Invasive species council as well as regulated species lists. Not all are currently widespread in the garden or landscaping trade, but are still of high risk across Canada and could be traded among the horticulture community. As Canada has a responsibility to not grow, plant, trade or sell high risk, invasive plants in order to protect the diversity of Canada's landscapes.



NATIONAL VOLUNTARY CODE OF CONDUCT FOR THE ORNAMENTAL HORTICULTURE INDUSTRY

For Landscape Architects, Landscape Contractors, Growers, Plant Breeders, Retailers, Suppliers, and Specifiers



Developed in partnership by the National Horticulture Invasive Plant Working Group



OTHER

Expand and strengthen our Taking Action Campaigns

Grow and strengthen collaboration

2021 North American Invasive Species Forum



NATIONAL INVASIVE SPECIES AWARENESS WEEK

May 16-23, 2020

<https://canadainvasives.ca/programs/resources/>

Toolkit available online,
along with a # of social
media graphics

Themed days, webinars,
#NISAW



A background image showing a close-up, top-down view of a stack of cut logs. The logs are arranged in a somewhat regular pattern, with their circular cross-sections facing the viewer. The wood grain is clearly visible, showing concentric growth rings and some radial cracks. The colors range from dark brown to a lighter, weathered tan. The lighting is somewhat uneven, with brighter areas in the center of the logs and darker shadows in the gaps between them.

QUESTIONS?

Kellie Sherman

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Canadian Council on Invasive Species

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