

# Partners

- ▶ MDA, MSU, MNWEC
- ▶ FWP
- ▶ NAISMA/WO PlayCleanGo
- ▶ ID Weed Awareness Campaign
- ▶ MT Biocontrol Project
- ▶ Missoula Co AIS District
- ▶ Univ of Montana
- ▶ U of GA/EDDMapS /Wild Spotter
- ▶ Backcountry Hunters & Anglers
- ▶ Wildlife Forever
- ▶ Many more partners!

## WIPE YOUR FEET!

Shoes can carry the seeds of invasive plants like Common Buckthorn (*Rhamnus cathartica*). Please brush them off before entering and leaving this area.

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

- Originally from Europe, common buckthorn lacks "natural controls" like insects or disease that would keep it in check.
- Birds and people inadvertently make the seeds travel by spreading the black seeds to other areas.

**Other Invasive Plants On The Move...**

<p><b>Siberian Peashrub</b> <i>Fragaria arvensis</i></p> <p>Shallow peashrub can become problematic in nutrient poor areas and disturbed sites.</p>	<p><b>Exotic Honeyuckle</b> <i>Gaultheria procumbens</i></p> <p>Exotic honeyuckles are invasive because they have the ability to grow in a wide variety of habitats, even dense shade and wet soils.</p>	<p><b>Amar Maple</b> <i>Acer glabrum</i></p> <p>A prolific seed producer, Amar maple quickly spreads into open woods where it competes with native plants.</p>
---	--	--

**Play Clean Go**  
STOP INVASIVE SPECIES IN YOUR TRACKS.  
Clean Your Gear Before Entering And Before Leaving The Recreation Site  
THE STATE OF MONTANA



**STOP NOXIOUS WEEDS IN THEIR TRACKS**

REMOVE THE THREAT... REMOVE THE WEEDS...

GRILL BOARD TILES

**ADOPT A TRAILHEAD**

**MONTANA**



Species Science

Search Species

- common viper's bugloss, blueweed  
*Echium vulgare*
- curly leaf pondweed  
*Potamogeton crispus*
- pale yellow iris, yellow flag iris  
*Iris pseudacorus*
- pig (feral), wild boar at large  
*Sus scrofa*
- reed  
*Phragmites ssp.*
- yellow starthistle  
*Centaurea solstitialis*



# A few project examples...

- Protect the West
  - <https://www.wildlifeforever.org/protect-the-west/?msckid=6803d146b10f11ecba5ed794e6a1f765>
- Developing a hot water AIS decon bath for wildland fire equipment
  - Missoula County, Clean Wake LLC
- Northern Region (R1) gravel management strategy
- ▶
- Mapping with remote sensing with ground-truthing and rapid treatment
  - University of Montana Spatial Analysis Lab
- Mapping invasive plants with UAS
  - GTAC and R1 UAS Specialists (<https://www.fs.usda.gov/about-agency/gtac>)

# Sharing our information

- Everyone can access our Inventory data at:
  - [USDA Forest Service FSGeodata Clearinghouse - Download National Datasets](#)
- [Montana NHP Map Viewer](#)
- AIS & Wildland Fire
  - ▶
    - <https://www.nwcg.gov/sites/default/files/publications/pms444.pdf>
    - <https://gacc.nifc.gov/nrcc/nrcg/index/AIS-How-To-Guide-NRCG.pdf>
    - <https://youtu.be/9CbzDUymM34>
- Rocky Mountain Research Station
  - Aquatic eDNA Atlas Project
    - <https://www.fs.usda.gov/rmrs/projects/aquatic-ednatlas-project>
- Biennial Monitoring Evaluation Report