

Montana Invasive Species Bulletin

Brought to you by the Montana Invasive Species Advisory Council

www.dnrc.crdd/misac

The Invasive Species Bulletin provides you with all the latest news on invasive species in Montana and the region. Please let us know if you have any suggestions, contributions, questions, corrections, or comments.

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Montana Invasive Species Strategic Framework Listening Sessions

Join the Montana Invasive Species Advisory Council (MISAC) as it concludes two years of discussions and research to build a better invasive species management plan for Montana. A series of Listening Sessions will be held across Montana to present a draft invasive species framework. The listening sessions will be held as follows:

September 28--Miles City

September 29--Wolf Point

October 4--Great Falls

October 6--Pablo

The Montana Invasive Species Advisory Council was created two years ago with the purpose of advising the Governor on a science-based, comprehensive program to identify, prevent, eliminate, reduce, and mitigate the impacts of invasive species in Montana. The Council has completed a Statewide Assessment of invasive species prevention, control, and management practices and programs in Montana. Following the assessment, MISAC hosted The Governor's Summit on Invasive Species in April 2016. More than 175 attendees from across the state met to discuss the invasive species management challenges faced by a state with many habitats, borders, and partners. The Summit discussions helped augment the assessment information and provided additional input for development for the Framework.

The goal of the listening sessions is to collect input on the draft Framework for finalization. All invasive species partners are encouraged to attend and identify regional and local opportunities for future collaboration, connect with the ongoing statewide effort to improve invasive species management, and identify measurable tasks that support Montana's invasive species management priorities.

[Click here for more information about locations and times and to access a draft copy of the Strategic Framework.](#)

Montana News

- **GOVERNOR BULLOCK SCHEDULES Rapid Response Training for Impacted Yellowstone River Workforce**

HELENA, Mont. – Governor Steve Bullock today announced that he has activated the Department of Labor and Industry’s Rapid Response Unit to provide resources, training and information to Montanans impacted by the recent closure of the Yellowstone River. [Read more...](#)

- **GOVERNOR DECLARES INVASIVE SPECIES Emergency Over Yellowstone Fish Kill**
[Executive Order 14-2016](#)

- **CROSS-BORDER EFFORT Tackles Mussel Problem**

BROWNING, Mont./CARDSTON, Alta. — Invasive mussels no larger than a thumbnail now cost the United States \$3 billion a year in infrastructure damage and lost recreational resources.

Experts estimate an invasion of those same mussels in Alberta would cost \$75 million a year. [Read more...](#)

- **TWENTY YEARS OF SUCCESS: Managing Tansy Ragwort in Northwestern Montana (TechLine Invasive Plant News)**

High temperatures, windy conditions and lack of precipitation created extreme wildfire conditions in northwest Montana during the summer of 1994. The Little Wolf Fire began in August of that year, burning over 15,000 acres of national forest and private timber lands.

“Tansy ragwort was probably already present as scattered plants when the wildfire burned,” explains Dan Williams, weed coordinator in Lincoln County. “But, two years after the fire, the ragwort infestation exploded within the burned area.” [Read more...](#)

- **NOXIOUS WEED TRUST FUND APPLICATIONS DUE 12/1/16**

The Montana Department of Agriculture is currently accepting NWTF applications. [More information...](#)

- **NOXIOUS WEED PETITION PERIOD**

Petitions for new plants to be added the Montana Noxious Weed List are being accepted until September 31, 2016. Visit agr.mt.gov/agr/Programs/Weeds/ for more information or contact Dave Burch at 406,444-3140 or dburch@mt.gov

Regional and National News

- **NISAC RELEASES MANAGEMENT PLAN UPDATE**

In 1999, the National Invasive Species Council (NISC) was established to provide national leadership in addressing this threat. The Council recently adopted its 2016-2018 NISC Management Plan. The Plan sets forth high priority, interdepartmental actions for the Federal government and its partners to take to prevent, eradicate, and control invasive species, as well as restore ecosystems and other assets adversely impacted by invasive species. [Get the plan here...](#)

- **INVASIVE PREDATORS AND Global Diversity Loss**

Invasive species threaten biodiversity globally, and invasive mammalian predators are particularly damaging, having contributed to considerable species decline and extinction. We provide a global metaanalysis of these impacts and reveal their full extent. Invasive predators are implicated in 87 bird, 45 mammal, and 10 reptile species extinctions-58% of these groups' contemporary extinctions worldwide. [Read more...](#)

- **POTENTIAL OF ENVIRONMENTAL DNA to Evaluate Northern Pike (*Esox lucius*) Eradication Efforts: An Experimental Test and Case Study**

Determining the success of invasive species eradication efforts is challenging because populations at very low abundance are difficult to detect. Environmental DNA (eDNA) sampling has recently emerged as a powerful tool for detecting rare

aquatic animals; however, detectable fragments of DNA can persist over time despite absence of the targeted taxa and can therefore complicate eDNA sampling after an eradication event. [Read more...](#)

Other

- **NORTHERN ROCKIES INVASIVE Plant Council Conference**

October 17-20, 2016, Boise, ID

<http://www.nripc.org/>

WESTERN REGIONAL PANEL on Aquatic Nuisance Species

October 19-21, 2016, Jackson, WY

<https://www.fws.gov/answest/>

100th MERIDIAN INITIATIVE Columbia River Basin Team

December 6-7, 2016, Portland, OR

http://100thmeridian.org/Columbia_RBT.asp

For more information about MISAC and to access archives of this e-newsletter go to: <http://dnrc.mt.gov/divisions/cadd/MISAC>

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