

HELP COMBAT INVASIVE SPECIES IN NEBRASKA



NEBRASKA INVASIVE SPECIES PROGRAM



NEBRASKA
Invasive Species Program

WHAT IS AN INVASIVE SPECIES?

Invasive species are plants, animals or pathogens that are non-native to an ecosystem. They cause harm to the economy, environment or human health. They negatively affect native species and ecosystems and interfere with outdoor recreation opportunities.



ZEBRA MUSSELS

An example is the zebra mussel. They were introduced to the United States from ballast water in ships from Europe. They are detrimental to native aquatic species and game fish because they filter feed large amounts of larval fish and nutrients from water bodies. They attach to hard surfaces and congregate to clog intake and outtake pipes affecting water crafts and water systems. They have sharp shells that can cut the feet of swimmers and beachgoers.

PROGRAM PARTNERS

- Nebraska Association of Resources Districts
- Nebraska Cooperative Fish & Wildlife Research Unit
- Nebraska Department of Agriculture
- Nebraska Forest Service
- Nebraska Game & Parks Commission
- Nebraska Legislature
- Nebraska Public Power District
- Nebraska Weed Control Association
- The Nature Conservancy
- University of Nebraska–Lincoln (UNL)
- US Fish and Wildlife Service Mountain–Prairie Region
- US National Park Service Midwest Region
- US Geological Survey
- USDA, Animal and Plant Health Inspection Service (APHIS)
- USDA, Natural Resources Conservation Service (NRCS)
- Private Landowners
- And many others

THE NEBRASKA INVASIVE SPECIES PROGRAM COORDINATES WITH PARTNERS TO:

- Prevent the introduction of invasive species in Nebraska
- Promote early detection and rapid response to control new infestations
- Reduce the impact of invasive species on Nebraska's natural resources

The Nebraska Invasive Species Council (NISC)

NISC was formed in 2012 by the Nebraska Legislature to serve as an advisory council to coordinate management and research efforts across the state focused on preventing, detecting and managing invasive species. The council provides outreach, management and research information to the public and stakeholders.



NEBRASKA INVASIVE SPECIES PROGRAM

Protecting Nebraska's natural resources and native species from damage caused by invasive species

AQUATIC
WILDLIFE
INSECTS
PLANTS
PATHOGENS



VISIT OUR WEBSITE AT
NEINVASIVES.COM

How you can help:

- Visit the Invasive Species Program website often for up-to-date information on invasive species monitoring, identification, mapping and management strategies.
- Report invasive species sightings at neinvasives.com
- Join us for training and outreach events on invasive species identification, early detection and rapid response, which are offered throughout the year and across the state.



EMERALD ASH BORER
DON'T MOVE FIREWOOD!



ZEBRA MUSSELS
CLEAN! DRAIN! DRY!



PHRAGMITES
REPORT & CONTROL!

Nebraska Invasive Species Program
Hardin Hall | 3310 Holdrege St. | Lincoln, NE 68583
Phone: (402) 472-3133 | Fax: (402) 472-2722
E-mail: invasives@unl.edu | neinvasives.com

WE NEED YOUR HELP!

Protect Nebraska's Natural Resources And Native Species

- ✓ Clean, drain and dry watercrafts on land, before leaving a body of water
- ✓ Clean your boots, waders, bikes and off-road vehicles thoroughly before leaving the area
- ✓ Place unused bait in trash receptacles not waterways
- ✓ Never release pets into the wild
- ✓ Remove invasive species from your property
- ✓ Ask your political representatives to support invasive species prevention efforts
- ✓ Buy and burn locally sourced firewood

REPORT A SIGHTING!

Early detection is one of the best defenses against the spread of invasive species. Report sightings through our website at NEINVASIVES.COM



CONTACT US

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REPORT A SIGHTING!
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OUR MISSION

OUTREACH • MANAGEMENT • RESEARCH

OUTREACH

Nebraska Invasive Species Program keeps the public and stakeholders informed through its comprehensive website containing invasive species news, identification and biology information, risk assessments, management plans and mapping. The program provides invasive species training and outreach events throughout the year to provide the public and stakeholders information on invasive species identification, prevention and management techniques.



STOP AQUATIC HITCHHIKERS!

✓ CLEAN ✓ DRAIN ✓ DRY

BOAT PROPELLER COVERED IN ZEBRA MUSSELS

TIP: Always inspect and clean watercrafts, off-road vehicles, bikes and clothing before leaving an area.

MANAGEMENT

The program works collaboratively with Nebraska Invasive Species Council (NISC), agencies and organizations to create statewide invasive species management plans, monitoring protocols, and response plans to help combat invasive species.

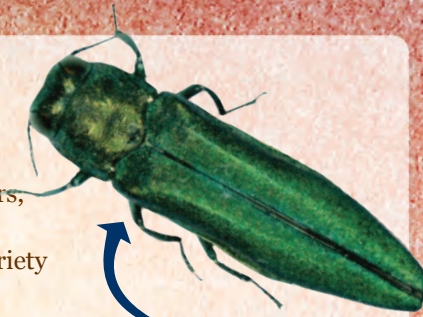
A LOCAL BOY SCOUT FOUND THIS ZEBRA MUSSEL at Zorinsky Lake (Omaha, NE) and reported it through our website in 2010. Eradication measures were taken in response to this report.

TIP: If you see a zebra mussel or other possible invasive species, take a photo and report it at our website: neinvasives.com



RESEARCH

Invasive species research is occurring throughout Nebraska by NISC members, natural resource agencies and other partners on a variety of projects to promote the betterment of Nebraska's natural resources. University of Nebraska graduate students are conducting projects to increase the information available for invasive species risk assessments and potential invasions.



EMERALD ASH BORER

Invasive species surveys (plant, animal and pathogen) are conducted annually to prevent, monitor and manage invasive species in Nebraska.

TIP: To learn more about these surveys, please contact us or visit our website at neinvasives.com for more information.



Zebra & Quagga Mussel Veliger (larval stage) Sampling

Bighead, black, grass and silver carp affect native species and game fish by competing with them for food and space.



White-nose Syndrome



Silver Carp

This syndrome is named for the white fungus that appears on the nose and wings of affected bats and causes bats to lose fat reserves during winter hibernation, which can cause them death.



PREVENT



the introduction of invasive species into Nebraska

PROMOTE



early detection and rapid response to control new infestations

REDUCE



the impact of invasive species on Nebraska's natural resources

VISIT
neinvasives.com