



The Door County Invasive Species Team

as managed by the Door County Soil and Water Conservation Department, empowers citizens with the education, tools and skills necessary to control invasive species.

Invasive Species Workshops, News, and Volunteer Opportunities

August/September 2018

AIS SNAPSHOT DAY 2018 – Help Search for Aquatic Invasive Species (AIS) in Wisconsin

Saturday August 18, 2018 from 8:30am-1:00pm – Meeting at Bayview Park, Sturgeon Bay

Pre-registration required at www.wisconsinrivers.org

AIS Snapshot Day is a one-day search for invasive species across Wisconsin. You can help protect local lakes and streams by attending and participating in Snapshot Day in Door County. Working together we can prevent the spread of these invasive plants and animals that choke out our waterways. This event will get you out on Wisconsin's rivers and lakes at monitoring sites selected by the DCIST team – these vary from public parks to small streams, bridges to your local boat launch. At some sites, friendly waters will beg you to wade in to get a better look, while at others, you will monitor and gather specimens from the shore using binoculars and rakes. Whether you want to wade in or stay dry, there is a site for you! AIS Snapshot Day participants gather at a training site in their area and receive free training provided by a local AIS professional. They learn to recognize AIS that occur in their area and how to distinguish them from native species that may look similar. They also learn how to sample a location to search for AIS. Participants then divide into pairs or small teams and are provided with maps to nearby boat landings or stream access sites. Each team is given sampling equipment and other materials to help collect and identify AIS. Teams are asked to collect anything suspicious, so that the task of identification is placed on the site host rather than the participants. Any new populations of AIS are verified and reported by the site host, and the host also handles datasheet entry for the event. No previous experience is required – you will be given the training and tools that you need that day before you begin your invasive species search. This is a free, family-friendly event. Recommended for ages 8 and up – minors must be accompanied by an adult. Please register as soon as possible for the Door County AIS Snapshot Day at <https://www.eventbrite.com/e/statewide-snapshot-day-2018-search-for-aquatic-invasive-species-in-wi-registration-47092877063?aff=riveralliancewebsite3>. More information about Snapshot Day can also be found on the River Alliance of Wisconsin's webpage at www.wisconsinrivers.org.



Washington Island Gathering Ground Potluck & Lecture

Friday August 17, 2018 from 5:30-7:30pm at 1751 Lake View Road, Washington Island

DCIST members will join Annie Deutsch with UW-Extension for this evening potluck and lecture on Washington Island titled "Invasives in Door County". Gathering Ground is non-profit group with a mission to educate youth and adults in sustainable agriculture, promote economic development through agriculture, and strengthen the health of individuals, the community and the environment. More information about this event can

be found at <https://www.facebook.com/events/1621651737944116/>.

Not about to attend the potluck? Look for our educational booth at the Washington Island Fair on Saturday August 18th.

DCIST in the News: Thanks to volunteer Jo Wahlen for her cameo on WBAY this week talking about the importance of reporting invasive species! You can watch the news clip here: <http://www.wbay.com/content/news/Door-County-using-technology-to-track-down-invasive-weeds-490293941.html>

DCIST relies on volunteers to help collect data on where invasive plants and animals are found in Door County. If you're interested in helping, we can provide training on the use of handheld GPS units or you can also use the GLEDN app to report findings via your smartphone. Contact DCIST at dcist1@gmail.com for more information or learn how to download and use the app at <https://fyi.uwex.edu/wifdn/>.

Door County Land Trust Bay Shore Blufflands Buckthorn Blast Hike

Saturday August 18, 2018 from 9:00-11:00am

5454 Bay Shore Drive, Sturgeon Bay

The Door County Land Trust invites you to participate in a hike at their Bay Shore Blufflands Nature Preserve to learn more about the coordinated efforts that are underway to restore the ecological health of the larger blufflands landscape. At this nature preserve, dedicated volunteers and restoration contractors are making a dramatic difference, year after year, as they clear away invasive exotic shrubs. During the walk you'll see the restorative changes for yourself, as land once choked with invasive species is now home to a variety of wildflowers and other vital native plants. **To register, visit**

<https://secure.doorcountylantrust.org/events-registration-merchandise/event/bay-shore-blufflands-buckthorn-blast-hike/>.



Bay Shore Property Owners volunteers, Densie & Ken Hubbard, battle buckthorn on the Bay Shore Blufflands Nature Preserve. Photo credit: Amanda Pyke

Japanese Knotweed Workday – Thursday August 23, 2018 from 1:00-3:30pm

County Highway E & Logerquist Road, Baileys Harbor



Join The Nature Conservancy as we conduct a treatment of Japanese knotweed along County Highway E. Japanese knotweed is an aggressive invasive plant that does best when it is on or near water, so keeping this population in check and away from Kangaroo Lake is incredibly important. We'll be controlling the knotweed using a mix of methods including cutting and dabbing the stems with herbicide, as well as spot spraying smaller plants. More information on this workday can be found at www.doorstewardshipalliance.weebly.com.

Half-Mile Bridge Condominium Association – Invasive Species Walk-through

August 25, 2018 from 1:00-2:00pm at Half-Mile Bridge Condominiums in Fish Creek

Half-Mile Bridge owners and friends are invited to an invasive species walk-through on August 25 that will start at Unit 801 of the Half-Mile Bridge Condominiums in Fish Creek. Kari Hagenow, the Door County Invasive Species (DCIST) coordinator, who has been advising on invasive species in the Fish Creek Watershed Project, will lead a tour on portions of the HMB property with owners to identify Invasive plants and provide demonstrations on recommended removal methods. Additional information about DCIST and invasive species resources in Door County will be available.



Clark Lake Advancement Association Phrag-fest

September 8, 2018 – 11:30am (specific sites TBD)

Volunteers of the Clark Lake Advancement Association (CLAA) and DCIST will come together on Saturday, September 8, 2018 for their annual Phrag-fest, which aims to treat the invasive grass Phragmites found on Clark Lake and adjacent properties within the Town of Jacksonport. In the last decade, this effort has dramatically reduced the amount of Phragmites found along the shorelines of Clark Lake and has since branched out to keep Phragmites found on nearby properties at bay. Treatment of Phragmites is done with herbicides utilizing several methods including hand-swiping, bundle-and-cut and spot spraying. Additional volunteers are welcome – training is provided! For more information or to volunteer contact Mark Weisse (CLAA Board Member) at mpweisse@yahoo.com or Kari Hagenow (DCIST Coordinator) at dcist1@gmail.com.



A CLAA volunteer treats Phragmites near Clark Lake in 2017.

Woody Invasive Species Workday – The Nature Conservancy’s Kangaroo Lake Preserve

Tuesday, September 18, 2018 from 9:30am – 12:00pm



Join TNC staff as they work to reduce the abundance of non-native honeysuckle and Japanese barberry at their Kangaroo Lake Preserve. We’ll meet at 7969 Red Cherry Road, Baileys Harbor. The workday will include cutting invasive shrubs and dabbing herbicide on the cut stem using Buckthorn Blaster applicators (<https://landscape-restoration.com/product/buckthorn-blaster/>). We’ll go over how to identify these species and the method we’ll be using before we begin working, but you can learn more about these invasive shrubs and others at <https://doorinvasives.org/terrestrial-invasives>. Volunteers are asked to dress appropriately for the weather and bring along work gloves and pruners/loppers if you prefer to use your own. TNC will have these and any other necessary tools available at the work site. Volunteers may work for as long as they would prefer and are not required to stay through the entire morning. If you have questions about this workday, please call Kari at (920) 333-1754 or visit www.doorstewardshipalliance.weebly.com.

SAVE THE DATE(s):

DCIST Fall Annual Meeting - Friday October 5, 2018 - 8:30am-12:30pm

We are still lining up our featured speaker and content, but more information will be available soon at our website <http://doorinvasives.org> and we’ll be sure to send out an email with the details!

Upper Midwest Invasive Species & North American Invasive Species Management Association Joint Conference
October 15-18th at the Mayo Civic Center in Rochester, MN

This biennial conference connects the invasive species management, research and policy communities. The most recent UMISC was held in 2016 in La Crosse, WI with 651 attendees from across the region. The conference provides numerous opportunities to network with professionals, land managers, researchers, non-profits and others. More info and registration can be found at <https://www.umisc.net/>.



2018 JOINT CONFERENCE

Kewaunee County Invasive Species Project Update

Bay-Lake Regional Planning Commission Newsletter – August 6, 2018

The Bay-Lake RPC will soon have a firm under contract to conduct herbicide treatments of Phragmites and Japanese knotweed in Kewaunee County. Herbicide treatments will get underway in September 2018. The Bay-Lake RPC has funding to treat at least 1,000 acres total over two years. Approximately 600 acres will be targeted in 2018, with follow-up treatments on approximately 400 acres occurring in 2019. Treatment areas will be prioritized in the following manner: (1) along river corridors, (2) natural areas and parks, (3) roadsides, then (4) private lands. Once treatments get underway, landowners are encouraged to call the Bay-Lake RPC Invasives Terrestrial Hotline at 920-430-0220 to hear a recorded message about where treatments are taking place. The hotline recording will be updated daily or as treatments move to new areas in the county. For more information, please contact Angela Kowalzek-Adrians at angelaka@baylakerpc.org.



Public Comment Period Open for Wisconsin Aquatic Invasive Species Management Plan

The Wisconsin DNR has had an Aquatic Invasive Species (AIS) management program since 2001 and drafted its first statewide AIS management plan in 2003. Since then, new invasive species have been found in Wisconsin, new technologies and methods have been developed to manage invasions and new regulatory programs have provided additional resources to the WDNR and its partners to aid in AIS management. These changes have necessitated a revision of the current Wisconsin AIS Management Plan. The Wisconsin DNR is now soliciting comments from the public on the AIS Management Plan. Once the notice period is complete (now through August 31, 2018), all comments will be considered, revisions will be made to the guidance documents as needed, and final guidance will be made available to internal and external stakeholders. You can view the revised plan and provide feedback by visiting <https://dnr.wi.gov/news/input/guidance.html#open>.

Looking for a job? The Wisconsin DNR currently has several postings related to invasive species:

WDNR Natural Heritage Conservation Program is hiring a new **District Ecologist in Southeast Wisconsin** based out of the Kettle Moraine State Forest. These positions have many responsibilities but managing State Natural Areas and dealing with invasive plants is a large part of the job. August 12 is the deadline to apply. More details can be found at http://wisc.jobs/public/job_view.asp?annoid=95768&jobid=95282&org=370&class=41762&index=true.

The WDNR is hiring nine **LTE Natural Areas Stewards** that will be located throughout Wisconsin including a position in Green Bay. These positions are responsible for habitat management and invasive species control in our State Natural Areas along with other tasks. Visit http://wisc.jobs/public/job_view.asp?annoid=95772&jobid=95286&org=370&class=41761&index=true for more information or to apply. The deadline for these positions is August 16.

Two **LTE positions for education and outreach for the Forest Health program** have been posted. These positions involve work with non-native invasive insects, diseases, worms and plants. Deadline is August 21. To apply, follow the links below:
https://dnr.wi.gov/x87201/employment/lte/q207lted.asp?v_request_id_seq_no=12473
https://dnr.wi.gov/x87201/employment/lte/q207lted.asp?v_request_id_seq_no=12474

Invasive Plant Profile: *Purple Loosestrife*

An uncommon invader in Door County

Purple loosestrife (*Lythrum salicaria*) is an herbaceous, perennial plant that prefers moist soils and shallow waters where it competes with native wetland plants. It has been widely planted as an ornamental and is still sold in nurseries as a sterile variety; however, it can produce viable seeds with wild varieties. Many areas of the State, including Door County in the past, have used biocontrol beetles that feed on the loosestrife to keep it in check and allow other native plants to grow. Today we periodically find this plant growing as a single plant or small population on the Door Peninsula making it a high priority for eradication when it is found.

Purple loosestrife varies in height from 3'-7' tall with up to 50 stems (one main leader stem, but many side branches) that often make the plant appear bushy. The stems are topped with purple flower spikes containing 5-6 petaled flowers. Purple loosestrife will bloom from the bottom of the flower spike to the top from early July through September. A single stem can produce 100,000-300,000 seeds each year and mature plants that have many stems can produce millions of seeds.

There are both manual and chemical control options available for purple loosestrife. Be aware that clipped plants will grow back and cut stems can readily re-root in soil to produce new plants. Young, small plants can be dug or pulled, and larger plants can be dug if all root fragments are removed. Burn or landfill all plant parts that are removed. Mowing is not recommended for purple loosestrife as plant parts may re-sprout and seed may be dispersed. There are also herbicides available that will work well against purple loosestrife, however if near water a permit may be required, and aquatic-use herbicide formulas should be used.

Purple loosestrife is listed as a restricted species under Wisconsin's Invasive Species Rule, Chapter NR 40. Restricted species are those that are already present throughout the state of Wisconsin and are not likely to be eradicated even though they are likely to cause significant environmental and economic harm or harm to human health. The NR 40 Rule makes it illegal to transport, transfer, or introduce invasive species listed as restricted in Wisconsin. **If you find purple loosestrife in Door County, be sure to report it to DCIST or using the GLEDN app!**



Photos: Gary Fewless, Cofrin Center for Biodiversity Herbarium at the University of Wisconsin – Green Bay.



The Door County Invasive Species Team – Kari Hagenow, Coordinator

DCIST Message Line: 920-746-5955; Email: dcist1@gmail.com

Check out our new website at <https://doorinvasives.org>