



Lake Monitoring and Protection Network

Cooperative Agreement, 4th Quarter Report



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Citizen Science Center

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CONNECTING PEOPLE WITH NATURE

Lake Monitoring & Protection Network
December 20, 2024, Quarter 4 Regional Report



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Newsletter

10/7	Sent AIS Newsletter to 100+ Subscribers
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Waterfowl Hunters Outreach

10/3	Eau Claire Lake Watercraft inspection
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Social Media

9/7	Snapshot Day Wrap Up
9/14	Rusty Crayfish Identification
9/21	Purple Loosestrife Identification
10/5	Waterfowl Hunter Outreach – Boat Launches
10/12	Waterfowl Hunter Outreach
10/19	Curly-Leaf pondweed Background and Identification

Pet Stores & Bait Shops

10/9	Pet Store Monitoring: Tropical Waters (Malaysian Trumpet Snails Found)
11/7	Communicated with Bills Sport Shop for Bait Shop Initiative
11/11	Communicated with Ace Hardware for Bait Shop Initiative
11/14	Bait Shop Initiative: Mouldy's Archery & Tackle
12/3	Pet Store Monitoring: Petsmart (Malaysian Trumpet Snails)

Citizen Lake Monitoring Network

10/8	Communication with CLMN Volunteers
10/8	CLMN Data Check & SWIMS Assistance
10/22	Assisted Volunteer with SWIMS Data Entry
11/4	Assisted Eau Claire Watershed Coalition with CLMN Reports
11/6	Entered Season Data for CLMN Volunteer
12/9	Volunteer Communication for 2025 and Equipment Needs

Lake Group Outreach

10/3	Assisted Lake Altoona with CBCW Grant Reimbursement
10/8	Assisted LWIPA with Surface Water Grant Application
10/28	LWIPA Board Update
11/12	Lake Altoona CBCW Update
11/14	Provided AIS Signage for Lake Wissota Boat Launch

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Outreach/Education/Events

10/12	Tabling at Beaver Creek Reserve Annual Meeting
12/10	Invaders in 15: Yellow Iris
12/17	Invaders in 15: Spiny Water Flea

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Travel and Meetings

10/3	Wisconsin Lakes & Rivers Monthly Call
10/8	Webinar: Integrated pest management for aquatic invasive species: purple loosestrife
10/10	Webinar: PLB Historic Data
10/18	Webinar: Wetland Coffee Break - Helping farmers, saving cranes
10/18	Webinar: Genes on the move: Understanding red swamp crayfish spread in southeastern Michigan
10/21	Eau Claire County Meeting: LMPN Overview for 2025
10/29	AIS Fall Partnership Meeting
10/30	Wisconsin Neonics Forum
11/5	Monthly Lakes & Rivers Meeting
11/6	Webinar: Wonderful Waters of Wisconsin
11/7	Webinar: Shifting Phenology & Windows of Opportunity for Invasive Species Control
11/13 -	Upper Midwest Invasive Species Conference
11/14	
11/19	Met with AIS Tech for summer 2025
11/21	Webinar: Impacting the Above-Average Intentions of Minnesota Anglers
12/3	Monthly Lakes & Rivers Call
12/12	Lakes Monitoring Team Meeting: CLMN Update
12/12	ESRI Meeting
12/17	Webinar: Winter Water Talks – Worms in the Water
12/20	Webinar: Wetland Coffee Break – Aerial Herbicide Application on Invasive Wetland Plants

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GLOSSARY

AIS – Aquatic invasive species

ALPOA – Amacoy Lake Property Owners Association

BCR – Beaver Creek Reserve

CBCW – Clean Boats, Clean Waters

CLMN – Citizen Lake Monitoring Network

CSC – Citizen Science Center (Beaver Creek Reserve)

LARPD – Lake Altoona Rehabilitation & Protection District

LCC – Land Conservation Committee (Eau Claire County)

LCFM – Land Conservation and Forest Management (Chippewa County)

LLLPRD – Lower Long Lake Protection and Restoration District

LMPN – Lake Monitoring and Protection Network

LWIPA – Lake Wissota Improvement and Protection Association

Secchi disk – instrument used to measure water clarity

Station – Specified location on a waterbody with historical and/or continuous associated fieldwork

SWIMS – Surface Water Integrated Monitoring System

WBIC – Waterbody identification code

WCI – Watercraft inspector

WDNR – Wisconsin Department of Natural Resources



Research & Articles

Freshwater Jellyfish

Seen a jellyfish off the dock? You're not imagining things — they're increasingly in our lakes

[Full Article Link](#)

Overview

Have you heard of freshwater jellyfish? These tiny creatures live attached to surfaces near the bottom of lakes and only grow to be about one to two and a half centimeters. Otherwise known as the Peach Blossom Jellyfish (*Craspedacusta sowerbii*) is native to the regions in China and has made its way to the United States and Canada as a potential invader.

The Freshwater Jellyfish *Craspedacusta sowerbyi*: a Summary of Its Life History, Ecology, and Distribution

[Full Article Link](#)

Abstract

Because most work with the freshwater jellyfish *Craspedacusta sowerbyi* has consisted of isolated collection records, published in a diverse array of journals, it is difficult to draw conclusions and generate testable hypotheses for future work. Here I compile and summarize the available information on the life history, ecology, and distribution of this unique freshwater invertebrate within the United States. The life cycle of *C. sowerbyi* contains both medusa and polyp stages, and although it has been collected primarily from artificial habitats (e.g., reservoirs), it has been found in both natural lentic and lotic habitats. Both polyps and medusae feed on a variety of prey types; however, because medusae are typically found at low densities, they probably do not influence zooplankton density. The distribution of *C. sowerbyi* appears to be concentrated in the Eastern United States, with collection records in the west limited to six states (California, Colorado, Nevada, Oklahoma, Oregon, and Texas). Overall, its presence has been documented in 31 states. Though the life cycle and distribution of *C. sowerbyi* have been relatively well described, substantial gaps still remain in our knowledge of the role of this jellyfish in freshwater communities.



Invasive Carp

Invasive Carp in the Mississippi River Basin

[Full Article Link](#)

Abstract

Invasive species harm natural and managed ecosystems. Awareness and management of these species depends on effective education and outreach. Traditional common names, including those with geographic references, for many invasive pests may perpetuate slanderous terms or stigmatize people from that place. To create more inclusive invasive species educational materials, the University of Minnesota Extension's Invasive Species Community of Practice developed guidelines for selection of common names. Suggested names were shared with others involved in invasive species communications, leading to broader adoption. These guidelines may be useful to others who struggle to find descriptive, non-alienating common names for invasive species.