

Where to Find Aquatic Invasive Species

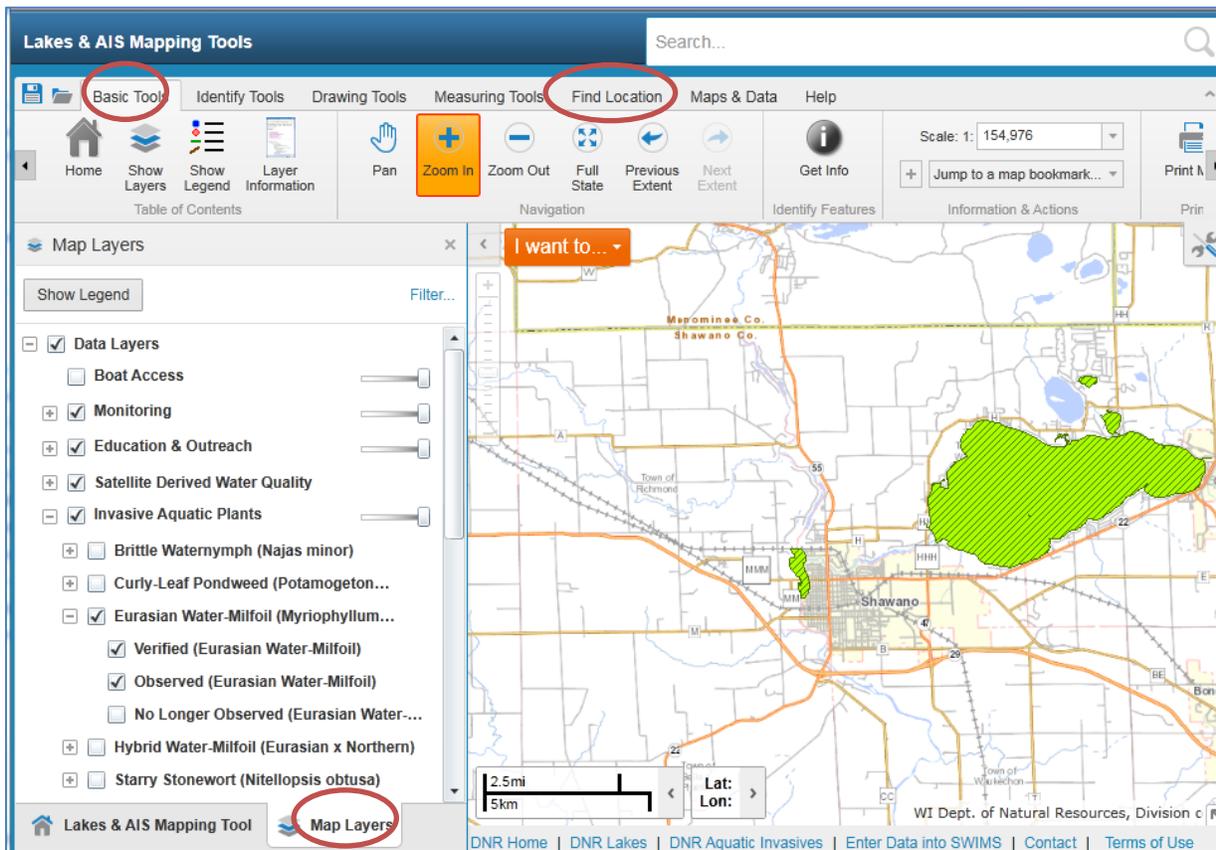
The following five tools can be used to determine whether a species has been reported to the Wisconsin Department of Natural Resources. They are listed in order of greater information to less information. More information will require a few more steps to access the data, but the easier records are to access, the less information they will have. Additional details on each tool are provided on the following pages.

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2. **AIS by Species List, pg. 4**
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4. **AIS by Waterbody List, pg. 6**
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https://cida.usgs.gov/wdnr_fishmap/map/

DISCLAIMER: Aquatic invasive species records are either listed as "verified", "observed", or "no longer observed" based on listing criteria. In general, "verified" populations are established and have been verified by a taxonomic expert. Populations listed as "observed" have not been verified by a taxonomic expert or do not have established populations. Populations that are "no longer observed" include populations where a reproducing population did not establish. Our inventories are not necessarily exhaustive so it is important to report occurrences: <http://dnr.wi.gov/topic/invasives/report.html>.

1. Lakes and Aquatic Invasive Species Mapping Tool: <http://dnr.wi.gov/lakes/viewer/>

This tool will give you the option to see “verified” and “observed” occurrences, as well as occurrences listed as “no longer observed” in SWIMS. To see these occurrences, use tools in either the “Basic tools” or “Find Locations” tab to locate the lake you’re interested in, and bring up the “Map Layers” tab on the bar along the left side of the screen. Once you’re there, expand one of the following categories to select the species you would like information for: invasive aquatic plants, invasive fish, invasive invertebrates, or invasive wetland and riparian plants. You can select which occurrence category you’d like to see once you’ve selected your species of interest, and can select as many species as you’d like at a time.



To get information on the populations in a particular location, use one of the tools in the “Identify Tools” tab and select the waterbody/area of interest. Then click the entries that appear on the left side of the screen to get further occurrence information.

The screenshot displays the 'Lakes & AIS Mapping Tools' web application. The 'Identify Tools' tab is selected in the top navigation bar. The 'Point' tool is highlighted in orange. The main map area shows a green hatched polygon representing a waterbody. A results panel on the left lists 'Eurasian Water-Milfoil (Discovered: 05/01/1994 12:00:00 AM)' as the selected feature. A detailed attributes table is shown on the right, providing specific data for the selected feature.

Field Name	Field Value
OBJECTID	72321
Species	Eurasian Watermilfoil
Species Code	EWM
Discovery Date	05/01/1994 12:00:00 AM
Status	Verified and Vouchered
Waterbody Name	Shawano Lake
WBIC	NA
Waterbody Region	
SHAPE	Polygon
GEOM_SEQ_NO	1177771

2. AIS by Species List: <http://dnr.wi.gov/lakes/invasives/BySpecies.aspx>

Click on the species you are interested in and then use the dropdown menu to search for the desired location. This list shows verified and observed populations and links to limited details for each occurrence.

Eurasian Water-Milfoil

Select Another Location:
Shawano County

Total Locations: 36
Total Lakes and Rivers: 30 *

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By Waterbody | [By Species](#) | [By Year](#) | [Open In Excel](#)

Waterbody	Species	Status	Waterbody ID Code (WBIC)	Year First Found	Details
Bahr Lake	Eurasian Water-Milfoil	Verified and Vouchered	325300	2009	Details
Beaulieu Lake	Eurasian Water-Milfoil	Verified and Vouchered	182000	1994	Details

Locate the waterbody you would like information for, and click on the "Details" link to get more information on the occurrence of the desired species. A screen will pop up with limited information for that particular occurrence:

Eurasian Water-Milfoil - Shawano Lake

Voucher Specimen At
UWSP Freckmann Herbarium

Date First Found
5/1/1994

Location First Found
North side of lake, near beach.

Original Extent
Widespread, covering most shallow areas of lake

Contact information
For information on Lakes in Wisconsin, contact:
[Wisconsin DNR Lakes](#)
Division of Water
Bureau of Water Quality
[Aquatic Invasive Species](#)
[Contacts](#)

3. Lake Page: <http://dnr.wi.gov/lakes/lakepages/Default.aspx>

This tool will only give information for lakes and does not include occurrence details. Use the “Search” tab on the main page to search for your lake of interest. The “Facts and Figures” tab on the lake’s page will include verified and observed occurrences, with an asterisk denoting observed records. In the event there is more than one lake with the same name, or you do not know the lake’s Waterbody ID Code, the “Facts and Figures” tab provides further information to verify lake location.

[Find A Lake](#) > [Shawano County](#) > Shawano Lake

Lake Name:

Shawano Lake

Shawano County, 6215 Acres

[Overview](#) [Map](#) [Facts & Figures](#) [More](#)

Facts & Figures

Name	Shawano Lake
Waterbody ID (WBIC)	322800
Area	6215 ACRES
Maximum Depth	39.5 feet
Mean Depth	9 FEET
Bottom	88% sand, 0% gravel, 0% rock, 12% muck
Waterbody Type	lake
Hydrologic Lake Type	DRAINAGE
County	Shawano
Region	NE
Latitude, Longitude	44.80741670, -88.51866890
Contour (Bathymetric) Map	Contour Map
Interactive Map	Interactive Map
Lake Management	
Lake Organizations	Shawano Area Waterways Management [exit DNR] Shawano Lake Sanitary District [exit DNR]
Recreation	
Boat Landings	10
Fish	Musky, Panfish, Largemouth Bass, Northern Pike, Walleye and Sturgeon
Public Lands / Parks	3
Lake Health	
Invasive Species	Banded Mystery Snail, Chinese Mystery Snail, Curly-Leaf Pondweed, Eurasian Water-Milfoil, Faucet Snail, Hybrid Eurasian / Northern Water-Milfoil, Rusty Crayfish, Zebra Mussel
Trophic Status	Eutrophic

Lakes

Find a lake.



Shawano Lake
Photo by Bonestroo, Inc.

Contact information

For information on Lakes in Wisconsin, contact:

[Wisconsin DNR Lakes](#)
Division of Water
Bureau of Water Quality

[DNR Contacts for Shawano Lake](#)

[Shawano Area Waterways Management \[exit DNR\]](#)

[Shawano Lake Sanitary District \[exit DNR\]](#)

4. AIS by Waterbody List: <http://dnr.wi.gov/lakes/invasives/AISByWaterbody.aspx>

Use the dropdown menu to select the location of the waterbody you would like species information for. This list will show species that are listed as verified and observed, with an asterisk denoting observed records. Further detail on occurrences cannot be accessed through this tool.

Aquatic Invasive Species - Shawano County

Location:

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[To Excel](#)

Waterbody Name	Waterbody ID Code (WBIC)	Invasive Species
Bahr Lake	325300	Banded Mystery Snail, Eurasian Water-Milfoil
Beaulieu Lake	182000	Chinese Mystery Snail, Eurasian Water-Milfoil
Big Lake	345100	Banded Mystery Snail, Chinese Mystery Snail, Eurasian Water-Milfoil
Bowler Pond	303600	Banded Mystery Snail, Chinese Mystery Snail
Caroline Pond	305500	Curly-Leaf Pondweed, Eurasian Water-Milfoil, Purple Loosestrife*, Rusty Crayfish
Duchess Creek	325100	Chinese Mystery Snail*, Rusty Crayfish*
East Branch Shioc River	318700	Viral Hemorrhagic Septicemia

Aquatic Invasive Species

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[Contacts](#)

5. Map of Distribution of WI Fish Species: https://cida.usgs.gov/wdnr_fishmap/map/

This tool should be used in conjunction with the previous tools since it displays fish data that may not be visible via the other options, and does not contain a complete AIS dataset itself. Select the species of interest in the dropdown menu for Fish Series one and click “Update Map” to display data. Expand fish series 2 and 3 to display up to three species on the map at a time. Additional information can be obtained by clicking on an occurrence displayed on the map.

The screenshot displays the 'Wisconsin Department of Natural Resources Map of Distribution of WI Fish Species' interface. The main map area shows Wisconsin with red dots representing fish occurrences, primarily concentrated along the western shore of Lake Michigan and in the northern part of the state. The right sidebar contains a 'Mapping T/E Species' section with the following filters for 'Fish Series 1':

- Common Name: Alewife (circled in red)
- Scientific Name: Any
- Family Name: Any
- County: Any
- Ecoland: Any
- HUC Name: Any
- Reliability: Any
- From: 01/01/1875
- To: 02/16/2016
- Update Map (circled in red)
- Export Data
- Data Format: xls (selected), tsv

Below the filters, there are sections for 'Fish Series 2' and 'Fish Series 3', both currently collapsed. A 'Legend' section at the bottom lists overlays: Dams (black square), Lakes (blue square), Streams (blue line), HUC 8 (orange square), and Eco landscapes (red square).