



Eurasian Watermilfoil (*Myriophyllum spicatum*)

SEARCH LOCATIONS

- In **3-12 feet of water** in lake or bay with soft sediment
- Fragments along shoreline

SEARCH TIME

- **May through September**

SEARCH IMAGE

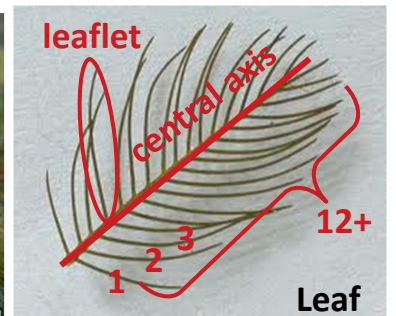
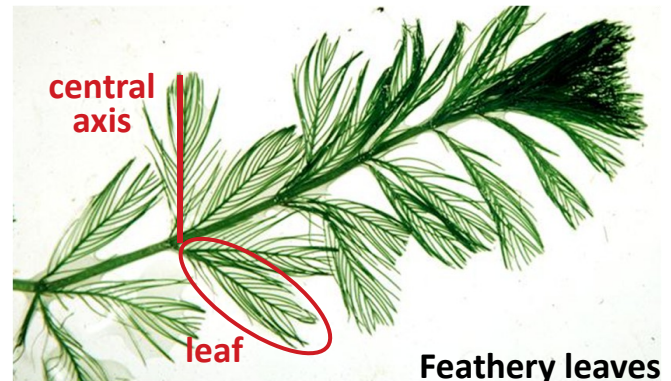
- Submerged **feathery leaves**

IDENTIFICATION CHECKLIST

- ✓ 1) Leaf has a **central axis**
- ✓ 2) Leaflet **does not branch**
- ✓ 3) **12 or more leaflet pairs** on leaf
(hint: *count the leaflets on one side of the axis*)

OTHER HELPFUL NOTES

- Leaves **hang limp** when out of water
- Leaflets at the ends of the leaves tend to form a **blunt tip**—rather than tapered
- Plants may have a **reddish hue**
- Branching stems may/not form **mats** just below water surface (flowers may extend above water)



LOOK-ALIKES with submerged feathery leaves



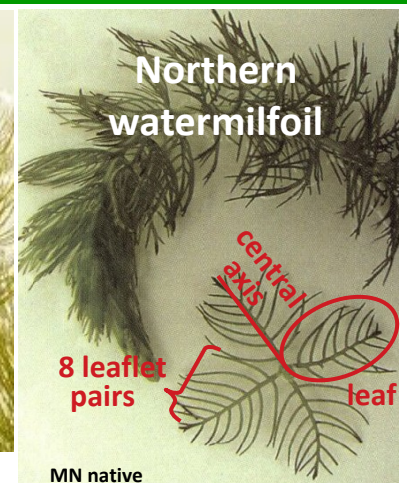
- Leaflets **branch**
- Leaf with **no central axis**



- Leaflets **branch**
- Leaf with **no central axis**
- Leaves with **small sacs**



- Forked leaf
- Leaf with **no central axis**



- Leaf with **central axis**
- **Less than 12 leaflet pairs**

INFORMATION ON HUBBARD COUNTY AQUATIC INVASIVE SPECIES WATCH:

Eurasian Watermilfoil (*Myriophyllum spicatum*)

MINNESOTA STATUS: *Prohibited invasive species*

It is unlawful (a misdemeanor) to possess, import, purchase, transport, or introduce Eurasian watermilfoil except under a permit for disposal, control, research, or education.

IF YOU FIND A NEW OCCURANCE OF EURASIAN WATERMILFOIL

- 1) Record its location (GPS coordinates, labeled dot on map or landmark)
- 2) Record the date
- 3) Document the plant (electronic images that include items on the "checklist")
- 4) Provide this information to the local MN DNR Aquatic Invasive Species Specialist. Name and contact information can be found at: <http://www.dnr.state.mn.us/invasives/ais/contacts.html>

METHOD(S) OF REPRODUCTION

- Stem segments can root and grow into new plant (stems break from waves, boat propellers, harvesting)
- Underground stems (rhizomes) spread outward from original plant
- Seeds have poor germination

VECTORS OF SPREAD

- Plants or stem fragments in/on boats, motors, live wells, bilges, boat trailers, other equipment

RESOURCES

Center for Invasive Species and Ecosystem Health: <http://www.invasive.org>

MN Dept. of Natural Resources: http://www.dnr.state.mn.us/invasives/index_aquatic.html and http://files.dnr.state.mn.us/aboutdnr/reports/legislative/2012_invasive_species_annual_report_final.pdf

2/2016

BIOCONTROL FOR EURASIAN WATERMILFOIL

