Hubbard County COLA

Flowering Rush
(*Butomus umbellatus*)

SEARCH LOCATIONS
- River, lake and stream edges
- **Emerging from water** up to 4 feet deep

SEARCH TIME
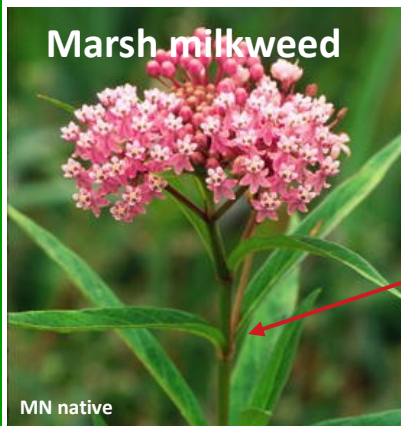- **July through August** (flowering)

SEARCH IMAGE
- **Pink-white flower** head, **6-10 inches** in diameter
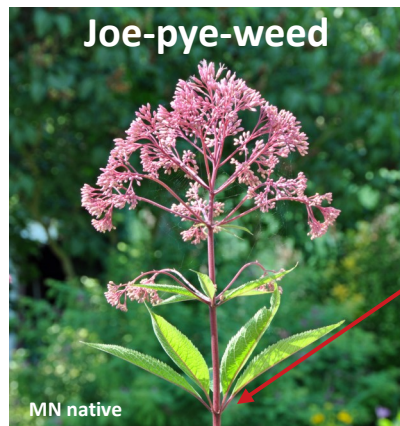- **3-6 feet** tall

IDENTIFICATION CHECKLIST

✓ 1) **No leaves** on flower stalks

Search image

flower heads and sword-like leaves emerge from water

Search image

flower head 6-10" across

LOOK-ALIKES with **tall, large, pink-white flower** heads found along lake, river and stream edges

Marsh milkweed

Marsh milkweed **has leaves on flower stalk**

MN native

Joe-pye-weed

Joe-pye-weed **has leaves on flower stalk**

MN native

Flowering Rush (*Butomus umbellatus*)

2/2016

MINNESOTA STATUS: *Prohibited invasive species*

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

IF YOU FIND A NEW OCCURANCE OF FLOWERING RUSH

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

- "Bulbets" form at the base of the leaves (see image at right) and can root to form a new plant
- Underground stems (rhizomes) spread slowly outward from original plant
- Seeds are often not viable in Midwest

bulbets

VECTORS OF SPREAD

- Water currents, ice action and muskrats can spread bulbets (and seeds)

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
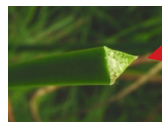

IDENTIFICATION OF FLOWERING RUSH WHEN _NOT FLOWERING_:
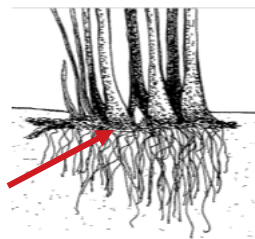
SEARCH IMAGE

- emergent, **sword-like leaves**
- leaves are **triangular** in cross-section and may flatten and spiral at the tip
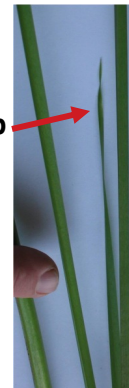
IDENTIFICATION CHECKLIST

✓ 1) leaves **attach parallel**
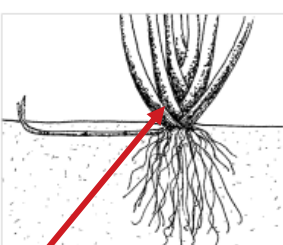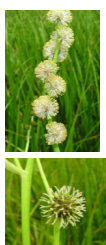   2) and **adjacent** to each other at the base of the plant

triangular leaf cross-section

spiral leaf tip
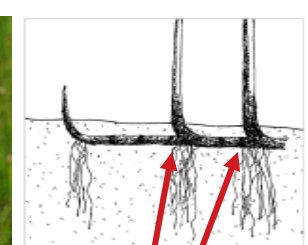
emergent, sword-like leaves

2009 © MN DNR

NATIVE LOOK-A-LIKES with **sword-like** leaves (stems) that are **triangular** in cross-section

Bur-reed
MN native

- **Fan-shaped** attachment

Three-square
MN native

- Stems attach **parallel**, but **distant to each other**