

# DO YOUR PART:

## REPORT THESE RARE INVASIVE SPECIES

Wisconsin Department of Natural Resources

We work with citizen programs, partners and DNR staff to monitor and report invasive species regulated by Chapter NR 40. We need your help to report regulated species that are not yet established in Wisconsin. The following maps illustrate locations of verified NR40 Prohibited and unregulated species. Striped counties indicate verified populations that are no longer observed.

### FACULTATIVE UPLAND (FACU) PLANTS

Japanese stiltgrass (*Microstegium vimineum*)



- Grows 1.1 m tall.
- Leaves 2.5-7.5 cm long and with smooth edges and silvery mid-rib
- Weak stems with stilt-like aerial rootlets
- Cleistogamous flowers in lower axils

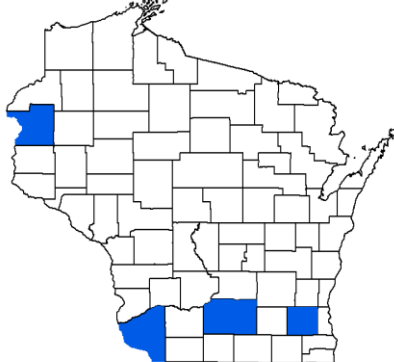


Golden creeper (*Thladiantha dubia*)

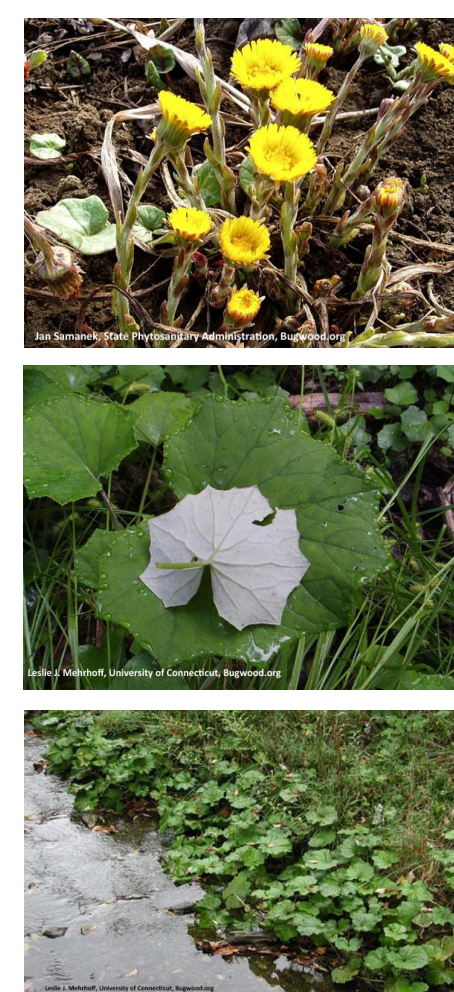
**IN REVIEW FOR NR40**



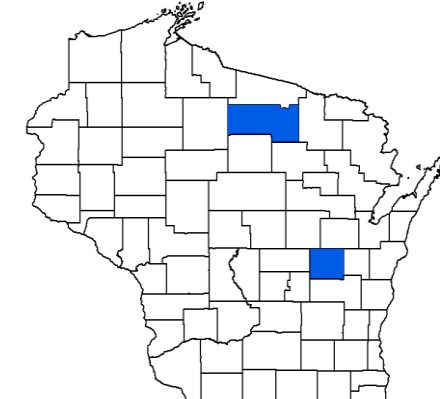
- Grows 5-15 cm in tall up to 50 cm at maturity Alternate, minutely toothed heart-shaped leaves 5-15 cm long ~3.75-10 cm wide
- Hairy tendrils
- Dioecious yellow bell-shaped flowers ~2.5 cm with 5 recurved lobes
- Green to red rind



Colt's foot (*Tussilago farfara*)



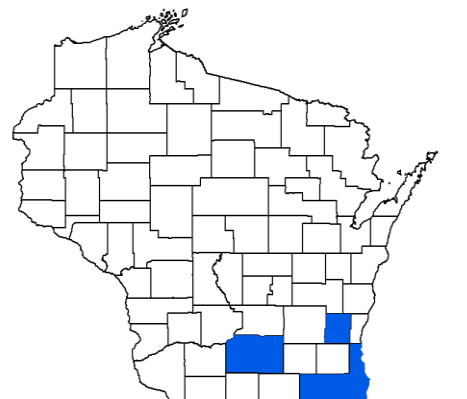
- Heart-shaped basal leaves and lanceolate cauline.
- Pubescent below.
- 5-15 cm up to 50 cm at maturity.
- Flowers with yellow rays and sterile disks 2.5-3 cm.



Lesser celandine (*Ranunculus ficaria*)



- Numerous 2-2.5 cm flowers with 8 petals (up to 12) born singly on 10-30 cm stalks, resemble *Caltha palustris*
- Kidney to heart-shaped leaves
- Above ground bulbets
- Below ground tubers

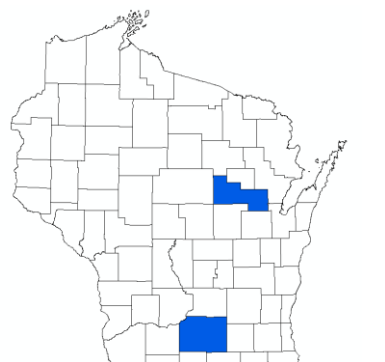


### FACULTATIVE WETLAND (FACW) PLANTS

Policeman's helmet (*Impatiens glandulifera*)



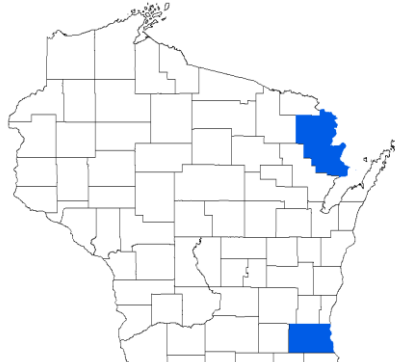
- Smooth, hollow, reddish stems 0.9-3 m tall with swollen nodes.
- Serrated leaves with pointed tip in groups of 3.
- Pink to white spurred 5-parted flowers



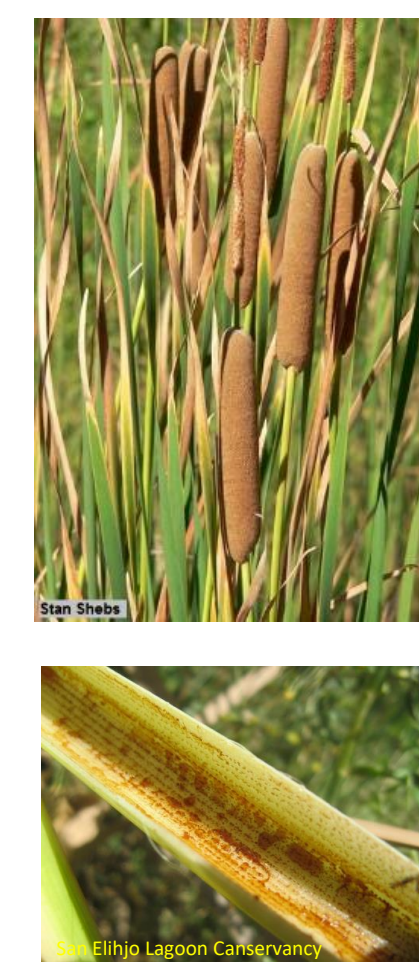
Graceful cattail (*Typha laxmannii*)



- Leaves up to 1.5 m tall and ≤ 4 mm wide
- Yellowish male flower on top and greenish female flowers 5 cm below



Southern cattail (*Typha domingensis*)



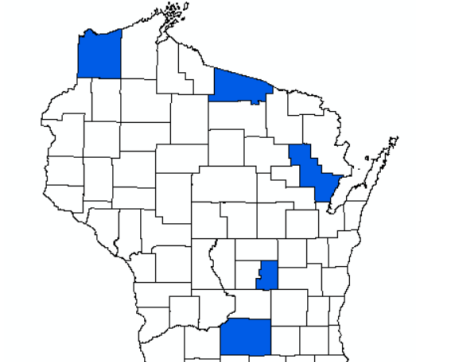
- Pale yellow-green leaves 1-4 m tall and 1.5 cm wide
- Yellow male flowers 2.5-5 cm gap above cinnamon brown female flowers that become paler in fall up to 2.5 m tall
- Brown mucilage glands on inner leaf sheath key ID 1-10 cm from base
- Hybrids offer ID challenge



Butterfly dock (*Petasites hybridus*)



- Pink radial flowers on 5-20 cm stems in spring before leaves
- Large, heart-shaped leaves, finely and unevenly toothed <1m wide on 80-120 cm (<2m) fleshy stems
- Pappus seeds
- Blackish rhizomes

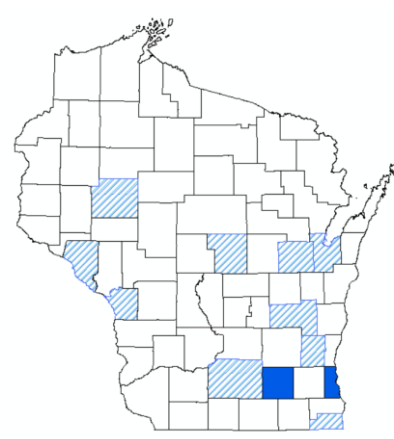


### OBLIGATE (OBL) PLANTS

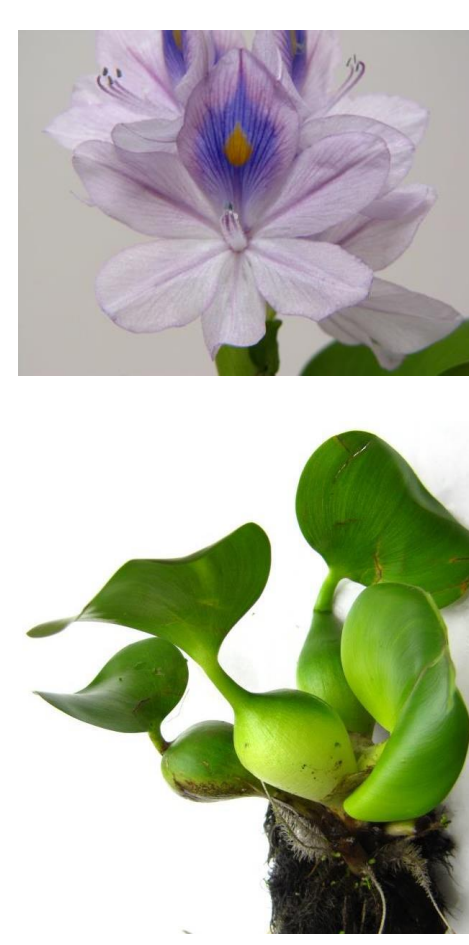
Water lettuce (*Pistia stratiotes*)



- Soft & velvety
- Floats on surface
- Fibrous roots dangle below surface



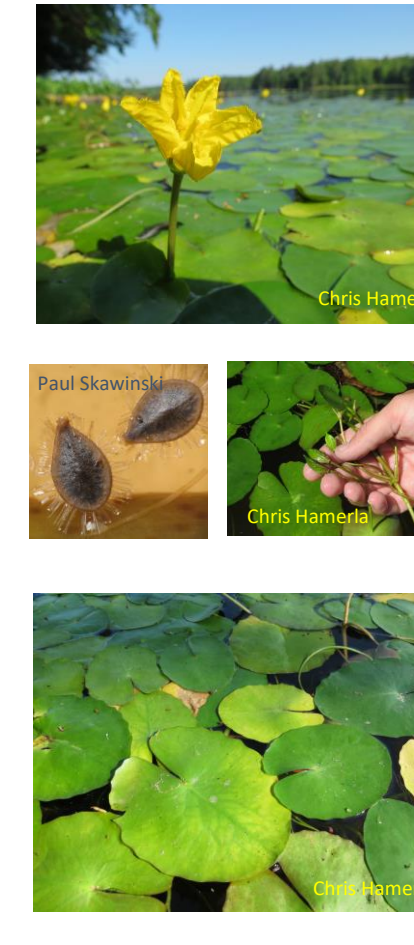
Floating water hyacinth (*Pontederia crassipes*)



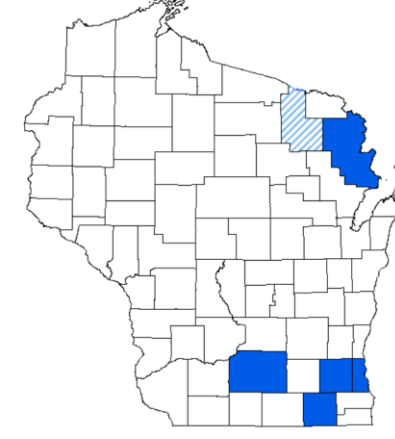
- Showy purple/blue flowers with 6 petals 5 cm wide
- Thick waxy leaves in rosettes 15 cm wide
- Air sacs



Yellow floating heart (*Nymphoides peltata*)



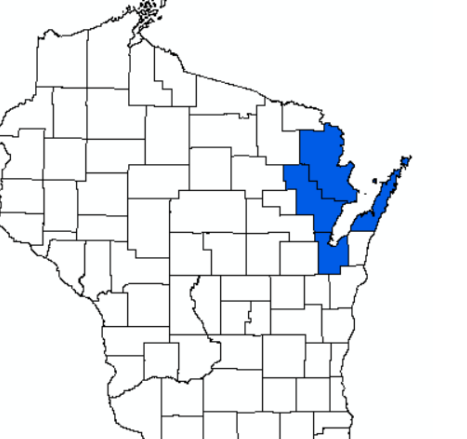
- Yellow flowers 3-4 cm with fringed edges
- Leaves with wavy margins and purple underside
- Long-beaked fruits
- Seeds with bristles
- Thick clusters of roots



European frogbit (*Hydrocharis morsus-ranae*)

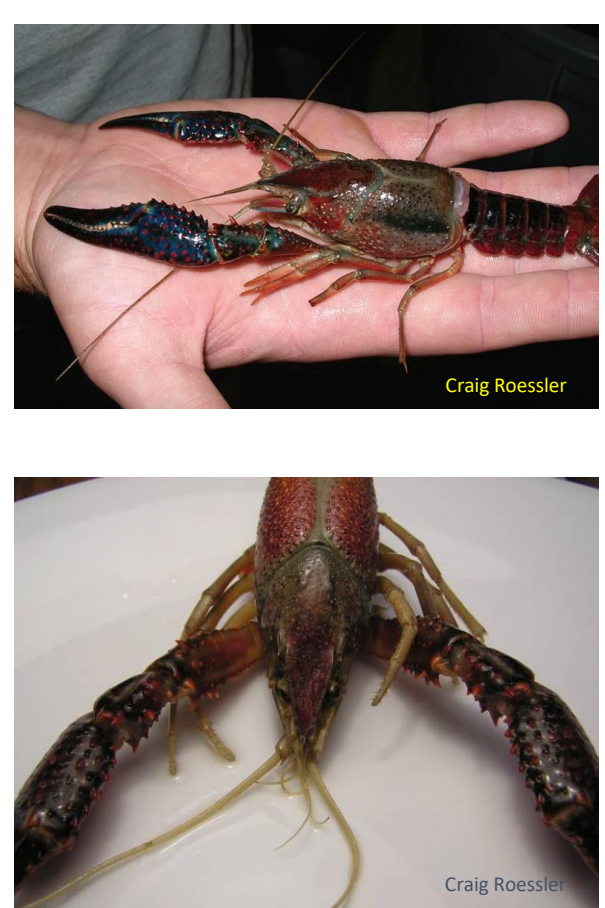


- 1.2-5.7 cm heart-shaped leaves purple beneath
- 1.5 cm flower with 3 white petals with yellow center
- Air pockets on midvein
- Stolons and turions
- In eastern Michigan's UP

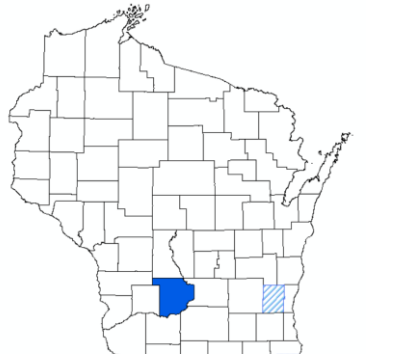


### AQUATIC ANIMALS

Red swamp crayfish (*Procambarus clarkii*)



- Adults range 5.5 - 12 cm length
- Raised red/blue bumps on claws & sides
- Black stripe on tail
- Curved seams on back touch
- Rostrum wedge



Marbled crayfish or Marmorkebs (*Procambarus fallax f. virginalis*)

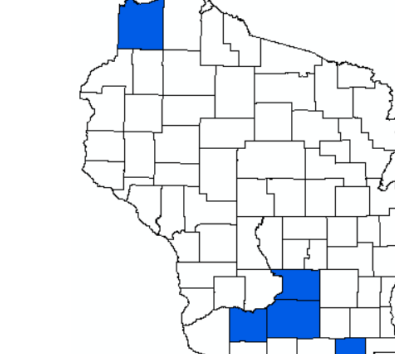


- 10-13 cm length
- Distinct marbled pattern
- Usually olive or dark brown; can be tan to reddish blue
- Small chelae
- Only crustacean to reproduce by parthenogenesis
- Only known from aquariums
- *P. fallax* is known from Florida and Georgia

New Zealand mudsnail (*Potamopyrgus antipodarum*)



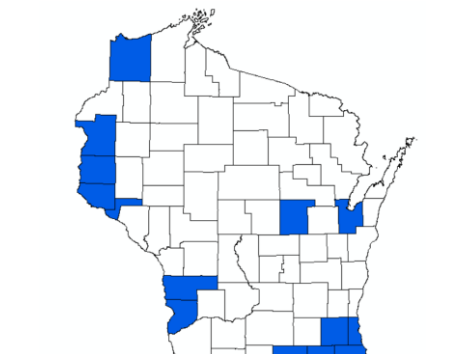
- Adults 4-6 mm & asexually-born juveniles ~0.5 mm
- 7-8 whorls
- Dextral (right-handed) with operculum
- Survive desiccation & most chemicals



Golden freshwater clam (*Corbicula fluminea*)



- Bivalve with elevated concentric rings
- Adults <50 mm, juveniles 200 micron when released
- Light purple inside shell
- Anterior and posterior lateral teeth



### REPORT

If you find an invasive species that is not known to occur in the waterbody or wetland where you found it, report it to the DNR using these instructions:



### PREVENT THE SPREAD

NR 40 makes it illegal to possess, transport, sell or introduce certain species and can even mandate removal. The rule also includes preventive measures to comply:



### DISINFECT

DNR, agents and permittees are required to also disinfect equipment to remove small propagules per the Boat, Gear and Equipment Decontamination and Disinfection Manual Code:

