

# LET'S COLLABORATE TO DETECT NEW INVASIVE SPECIES

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Wisconsin Administrative Code NR 40 identifies and classifies species as either Prohibited (not established) or Restricted (established) and regulates invasive species in Wisconsin. NR 40 also provides priorities for monitoring and control. We work with citizen programs, partners and DNR staff to monitor and report these species. We need your help to report prohibited species that are not yet established in Wisconsin.

## FACULTATIVE UPLAND (FACU) PLANTS

Japanese stiltgrass (*Microstegium vimineum*)



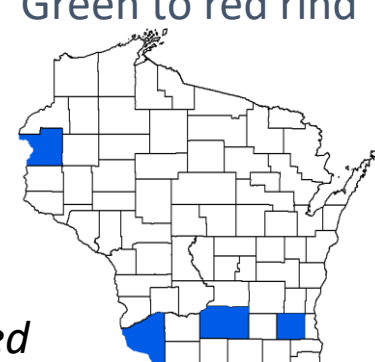
- Grows 1.1 m tall.
- Leaves 2.5-7.5 cm long and with smooth edges and silvery mid-rib
- Weak stems with stilt-like aerial rootlets
- Cleistogamous flowers in lower axils



Golden creeper (*Thladiantha dubia*)



- 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

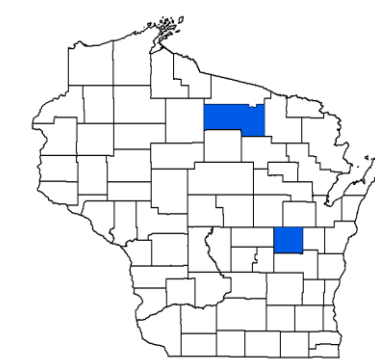


This species is not yet NR40 listed

Colt's foot (*Tussilago farfara*)



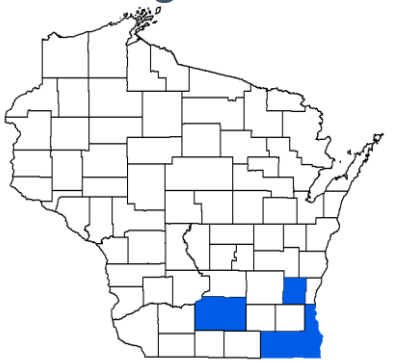
- Heart-shaped basal leaves and lanceolate cauline.
- Pubescent below.
- 5-15 cm up to 50 cm at maturity.
- Flowers with yellow rays and sterile disks 2.5-3 cm.



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

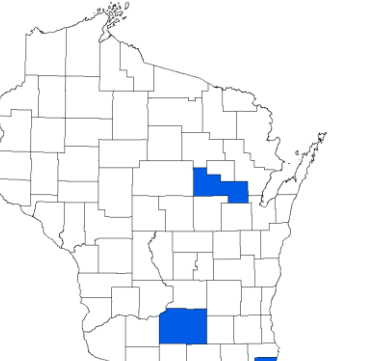


## FACULTATIVE WETLAND (FACW) PLANTS

Policeman's helmet (*Impatiens glandulifera*)



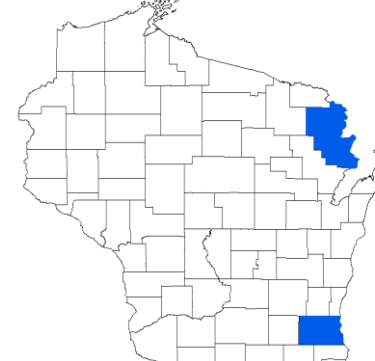
- Smooth, hollow, reddish stems 0.9-3 m tall with swollen nodes.
- Serrated leaves with pointed tip in groups of 3.
- Pink to white spurred 5-parted flowers



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*)



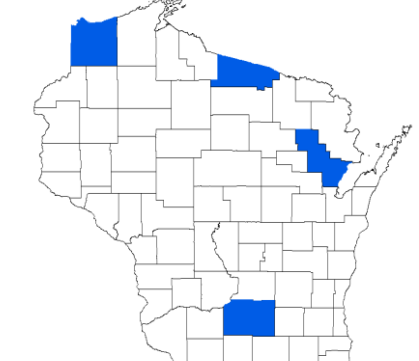
- Pale yellow-green leaves 1-4 m tall and 1.5 cm wide
- Yellow male flowers 2.5-5 cm gap above cinnamon brown female flowers that become paler in fall up to 2.5 m tall
- Brown mucilage glands on inner leaf sheath key ID 1-10 cm from base
- Hybrids offer ID challenge



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

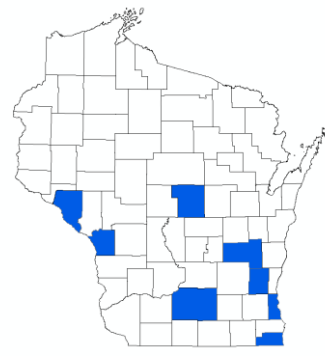


## OBLIGATE (OBL) PLANTS

Water lettuce (*Pistia stratiotes*)



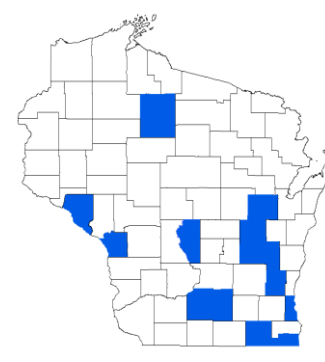
- Soft & velvety
- Floats on surface
- Fibrous roots dangle below surface



Floating water hyacinth (*Pontederia crassipes*)



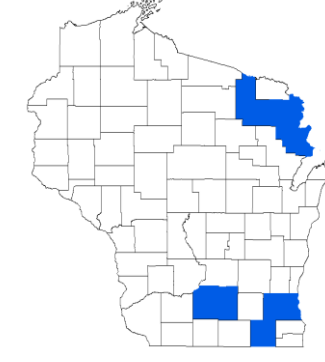
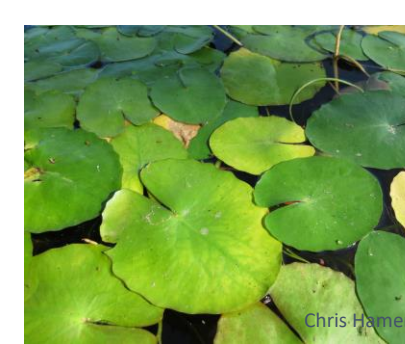
- Showy purple/blue flowers with 6 petals 5 cm wide
- Thick waxy leaves in rosettes 15 cm wide
- Air sacs



Yellow floating heart (*Nymphoides peltata*)



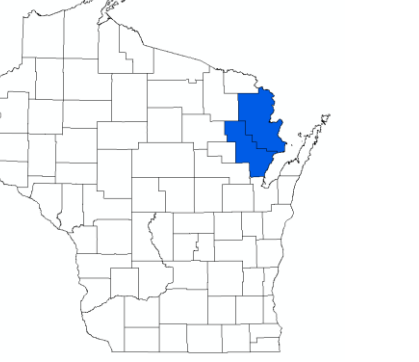
- Yellow flowers 3-4 cm with fringed edges
- Leaves with wavy margins and purple underside
- Long-beaked fruits
- Seeds with bristles
- Thick clusters of roots



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

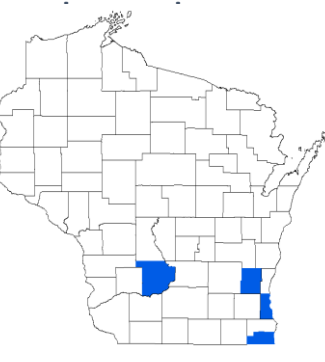


## AQUATIC ANIMALS

Red swamp crayfish (*Procambarus clarkii*)



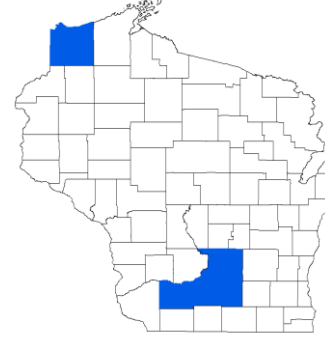
- Adults range 5.5 - 12 cm length
- Raised red/blue bumps on claws & sides
- Black stripe on tail
- Curved seams on back touch
- Rostrum wedge



New Zealand mudsnail (*Potamopyrgus antipodarum*)



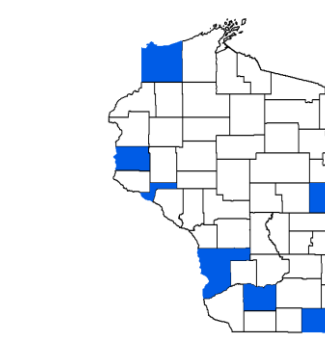
- Adults 4-6 mm & asexually-born juveniles ~0.5 mm
- 7-8 whorls
- Dextral (right-handed) with operculum
- Survive desiccation & most chemicals



Asian clam (*Corbicula fluminea*)



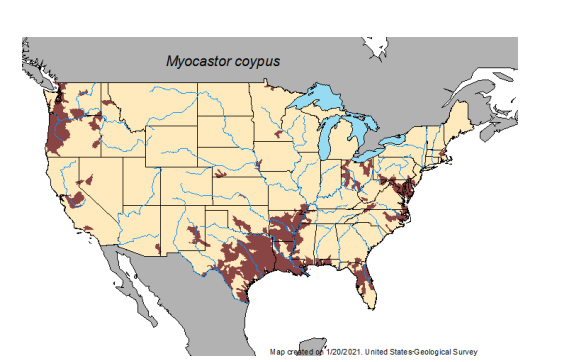
- Bivalve with elevated concentric rings
- Adults <50 mm, juveniles 200 micron when released
- Light purple inside shell
- Anterior and posterior lateral teeth



Nutria (*Myocastor coypus*)



- Dark brown, 0.6 m long with large head, short legs and stout body
- Appears hump-backed on land
- Hind feet webbed
- Eyes ears and nostrils high on head



## REPORT

Check the Lakes and AIS Mapping Tool to see if the suspected invasive species has been previously reported on a given waterbody or wetland. If the invasive species is not known to occur in the waterbody or wetland where you found it, report it to your [Regional DNR Aquatic Invasive Species Coordinator](#) 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. DNR staff, agents and permittees are required to also disinfect equipment to remove seeds and other small propagules per the [Boat, Gear and Equipment Decontamination and Disinfection Manual Code](#). Professionals are encouraged to clean gear per DNR guidelines.