

Invasive Species Alert

European Frog-bit

(*Hydrocharis morsus-ranae*)

Detected in Michigan

Identification:

- Single white flower with 3 round petals and a yellow center
- Free floating or sometimes rooted in shallow water
- Leaves are kidney-shaped to heart-shaped with a purple-red underside
- Leaves form a rosette



Michigan DNR

Habitat: Habitat includes slow moving rivers, sheltered inlets, ponds, and ditches. Preference is given to waters rich in calcium with no wave action.



Native Range: Europe, Asia, Africa

U.S. Distribution: European frog-bit is established in Washington and has been recorded in New York, Vermont, and Michigan.

Local Concern: Mats of European frog-bit can grow so thick that they impede boat traffic and movement of large fish and diving ducks. Large mats prevent nutrients and light from reaching submerged vegetation. When the mats die off in the fall, the resulting decrease in oxygen can cause fish and other organisms to die.



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To report this species, visit www.michigan.gov/invasivespecies for contact information. Report online at www.misin.msu.edu or download the MISIN smartphone app and report it from your phone