

**Species Assessment Group - Summary of group ratings**

**Date: 11/20/2007**

**Members of the SAG:** Robert Dahl, DATCP; Tim Hoyman, WAL; Shawn Wenzel, Aquatic Innovators, LLC; Laura Herman, UWSP; Robert Freckmann, UWSP Freckmann Herbarium; John Skogerboe, USACOE; Kristy Maki, Sawyer County; Phil Moy, Sea Grant; Bill Ratajczyk, Applied Biochemists; Tony Kuchma/M. Merryfield, Oneida Tribe; Susan Lehnhardt, Applied Ecological Services, LLC  
**DNR leader:** Dr. Jennifer Hauxwell      **Facilitator:** Bob Korth (UWSP Lakes Program)

**Species: *Marsilea quadrifolia* (Water shamrock, European waterclover)**

Ratings for Criteria - 1st round	1	2	3	4	5	6	7	8	9	10	11
1. Current status and distribution	4	3	4	4	4	4	4	4	4	3	4
2. Establishment potential	4	2	4	4	4	4	3.5	4	4	2	4
3. Damage potential	ii	2	3	4	3	4	ii	ii	ii	1	2
4. Prevention and control potential	ii	2	2	3	2	3	ii	ii	ii	2	3
5. Socioeconomic impacts	ii	2	3	3	4	3	1.5	3	ii	1	3

Ratings for Classification	?	W	R	P	P	P	P	R	ii	W	R	
<b>Totals - 1st round</b>	Prohibited			Restricted			Watch			Non-restricted		
Number of votes	3			3			2					

Ratings for Classification	W	W	W	W	P	W	W	W	ii	W	W	
<b>Totals - 2nd round</b>	Prohibited			Restricted			Watch			Non-restricted		
Number of votes	1			0			9			0		

**Final Recommended Classification :**

**Watch**

**Comments**

**Group comment - Lots of unknowns in the damage potential area. We know it can survive WI winters, but its damage potential is undocumented and uncertain. Of the 700-800 exotics, only about 1/3 are “invasive”. Sole criteria can’t be whether or not it can overwinter, but need to take into account competition with natives, growth rate, etc. Ability of Marsilea to become “invasive” is unknown.**

10-used pretty commonly in the water garden industry; sold as a tropical; survivability not there; hasn't personally used this one very often; not sure about overwintering.

5-why isn't this here already? Maybe it is.

1 - doesn't see any info that is has/or can become a nuisance anywhere.

2- quite convinces that watch is the appropriate status; been in NE since at least the middle of 19<sup>th</sup> century; with most of the locations being artificial ponds or botanical gardens; records from southern Iowa; 3 known locations in Kentucky, probably extirpated; 3 locations in IL; Penn. - probably naturalized.