

Data Collectors <i>Michelle Balk &amp; Tina Wolbers</i>			Date <i>8-2-11</i>	
Lake Name <i>Golden Lake</i>		County <i>Waukesha / Jefferson</i>		WBIC <i>775900</i>
Start Time <i>10:30</i>	End Time <i>4:00</i>	Secchi Depth <i>3</i>	feet or <u>meters</u> (circle one)	
			Conductivity	

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Hydrilla, Brazilian waterweed, Eurasian water-milfoil, curly-leaf pondweed, yellow floating heart, zebra mussel, quagga mussel, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail. List any other AIS found.

STEP 1: Record locations of sites (in decimal degrees) using a GPS unit (datum WGS84). List AIS found at each site or record none. Collect a sample of any suspected AIS found.

Boat Landing#	<u>1</u>	Species	<i>Zebra, PL, <sup>chinese</sup> Myst. Snail</i>	Latitude	<u>43.02684</u>	Longitude	<u>088.53419</u>	Density (1-5)	<u>4, 1</u>	
Boat Landing#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___	
Boat Landing#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___	
<i>east side near diving docks</i>	Search Site#	<u>1</u>	Species	<i>Zebra, Hybrid EM(?)</i>	Latitude	<u>43.03056</u>	Longitude	<u>088.53698</u>	Density (1-5)	<u>3, 1</u>
<i>NW marsh</i>	Search Site#	<u>2</u>	Species	<i>PL, CLP</i>	Latitude	<u>43.04113</u>	Longitude	<u>088.53970</u>	Density (1-5)	<u>2, 1</u>
<i>Sm. bay NW</i>	Search Site#	<u>3</u>	Species	<i>CLP, <sup>floating</sup> Zebra, PL</i>	Latitude	<u>43.03929</u>	Longitude	<u>088.53615</u>	Density (1-5)	<u>1, 3</u>
<i>SW near bed of reeds</i>	Search Site#	<u>4</u>	Species	<i>Zebra, snail, EM</i>	Latitude	<u>43.03267</u>	Longitude	<u>088.52987</u>	Density (1-5)	<u>2, 1, 1</u>
<i>Near beach</i>	Search Site#	<u>5</u>	Species	<i>Zebra</i>	Latitude	<u>43.02904</u>	Longitude	<u>088.52911</u>	Density (1-5)	<u>2</u>
	Search Site#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
	Meander Survey#	<u>1</u>	Species	<i>PL, <del>ma</del></i>	Latitude	<u>43.03927</u>	Longitude	<u>088.53792</u>	Density (1-5)	<u>1</u>
	Meander Survey#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
	Meander Survey#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
	Meander Survey#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
	Meander Survey#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___

Step 2: Label each specimen collected with species, collector, date, lake name, WBIC and Location #

Step 3: Data was entered into SWIMS on 8/22/2011 by Tina Wolbert  
 Date Name

Notes:

- purple loosestrife in small patches on private property. We removed a patch at the boat launch and in the NW marsh area
- Visually observed CLP at NW marsh location (site #2), found a leaf, later found CLP floating at site #3
- ZMs attached to almost all plants/hard substrates

Density Ratings

- 1 - A few plants or invertebrates
- 2 - One or a few plant beds or colonies of invertebrates
- 3 - Many small beds or scattered plants or colonies of invertebrates
- 4 - Dense plant, snail or mussel growth in a whole bay or portion of the lake
- 5 - Dense plant, snail or mussel growth covering most shallow areas

- Hybrid EWM? we are unsure, but density = 3 for entire lake
- Found a few EWM plants

General guidance on areas to search for the 10 minute quick snorkel search sites:

- Check rocks for zebra/quagga mussels, faucet snails and New Zealand mudsnails.
- Check around small backyard boat launches.
- Check near creek inlets (especially if AIS are found upstream).
- Check the stems of emergent vegetation for climbing faucet snails.
- Check areas downwind of large boat landings.