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This form is designed to help you accurately report about both your previously released biocontrol insects, and how the receiving wetland may have changed as a result. This data will help us understand if and how biocontrol has been successful at your site. It will also help us understand how the process varies over time and allow comparisons with results in other wetlands. You are the only one who can supply this data. Please use a GPS unit to report latitude and longitude (and data accuracy) if you did not do so at your insect release. Estimate requested data as best you can (e.g. a football field is ~ 1 acre). Thanks!

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats.

Data Collector / Volunteer Names

Primary Data Collector Name Rosie Page		Additional Data Collectors Dan Hanneman	
Phone Number 313 590 4419	Email rpage19@gmail.com	Mailing Address 315 S. Oneida Ave Rhinelander WI 54501	

Date and Time

Date Sept. 2, 2021	Time 11am
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Site Location

Location Description (ex. CTH K at Town Line Road) Peninsula on southwest shore of Tenderfoot Lake	County Vilas	Nearest City/Village/Town Land O'Lakes
	Latitude(WGS84 format) 46.215280	
	Longitude(WGS84 format) -89.544577	GPS Reading Accuracy

Monitoring Details

If stake/flag was used to mark site, was it found? Yes/No	Stake/Flag Type _____
Weather (Temp, Wind, clouds) warm 75 degrees, low wind, clear	Number of Purple Loosestrife Plants on Small Sites (circle one) 1-10 11-49 50+
Acreage that currently has Purple Loosestrife (circle one)	less than 1/4 acre <u>1/4 - 1 acre</u> 1-10 acres 10+ acres
Current Coverage of Purple Loosestrife on Large Sites (circle one)	<u>0-25%</u> 26-50% 51-75% 76-100%
Total Acreage of Site (circle one)	less than 1/4 acre <u>1/2-1 acre</u> 1-10 acres 10+ acres

How has site changed due to the addition of beetles (i.e. Has PL declined? Have other plant presence increased? Other invasives, which one?) ? PL declined here and locally. Beetle activity always present though beetles harder to find this summer. No new invasives noticed.

Did you monitor beetles? How? (Circle One) casual walk through timed walk through transect quadrats

If timed walkthrough _____ Minutes	If transect _____ Feet	If quadrat, circle the type round (hula hoop) sq. meter other, specify _____
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Describe evidence of beetle activity (check all that apply)

presence of...	<input checked="" type="checkbox"/> adults	<input type="checkbox"/> eggs	<input type="checkbox"/> larvae	<input type="checkbox"/> shotgun-type holes in leaves
	<input checked="" type="checkbox"/> larval damage to shoot tips	<input checked="" type="checkbox"/> larval leaf mining ("window paning")		
dead and brown....	<input type="checkbox"/> upper stem(s)	<input checked="" type="checkbox"/> main stem	<input type="checkbox"/> lateral stem(s)	
Other _____				

if you counted, how many insects did you count on your walk through or transect? _____ adults _____ eggs _____ larvae

If quadrats, estimate how many per quadrat (use chart at right)

Quadrat Number	Galerucella Beetles		
	Eggs	Larvae	Adults
1			
2			
3			
4			
5			
6			
7			
8			

Abundance Categories	
0	A
1-9	B
10-49	C
50-99	D
100-499	E
500+	F

Please name photo files with site number/site description and date and send to invasive.species@wi.gov.

To enter data online, visit <http://dnr.wi.gov/invasives/loosestrife>.

Send completed data sheets to Dept. of Natural Resources - WT/4, P.O. Box 7921 Madison, WI 53791-9087 (Fax 608-267-2800)

Questions about purple loosestrife? Call the Purple Loosestrife Program at 608-221-6349. Questions about data entry? Contact 608-266-0053

Entered into SWIMS 11/8/2001 C A H

2017-00
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This form is designed to tell us where you have placed your purple loosestrife biocontrol insects, as well as give us important information about the receiving wetland. You are the only one who can give us this valuable information. And since purple loosestrife is a state-restricted plant under NR-40 regulations, reporting where you put loosestrife plants for distributing biocontrol beetles is required by law, (please report all biocontrol insect releases, even if not on potted plants). Use a GPS unit for latitude and longitude data and reading accuracy and/or describe the location completely. Estimate the numbers as best you can (e.g. a football field is ~ 1 acre). Thank you for your important contribution to the health of Wisconsin's wetlands!

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Data Collector / Volunteer Names		
Primary Data Collector Name Rosie Page		Additional Data Collector Names Dan Hanneman
Phone Number 313 590 44119	Email rpage19@gmail.com	Mailing Address 315 S. Oneida Ave Rhinelander WI 54501
Date and Time		
Date July 3, 2021	Time 10am	
Site Location		
County Vilas County		Nearest City/Village/Town Land O'Lakes
Location Description (ex. CTH K at Town Line Road) Peninsula on southwest shore of Tenderfoot Lake		
Latitude(WGS84 format) 46.214417	Longitude(WGS84 format) -89.524377	GPS Reading Accuracy
Landowner Name (and phone number if known): Tenderfoot Forest Reserve - Dan Hanneman, caretaker. 715-891-7824		
Land Ownership Type (circle one): <u>private</u> federal state county local government unknown		
Site Plant Data		
Acreage of Purple Loosestrife (circle one) less than 1/4 acre <u>1/2-1 acre</u> 1-10 acres more than 10 acres		
Purple Loosestrife Coverage on Large Sites (circle one) <u>0-25%</u> 26-50% 51-75% 76-100%		
Number of Purple Loosestrife Plants on Small Sites (circle one) 1-10 11-49 50+		
Wetland location/type (circle all that apply): <u>lake/pond edge</u> stream edge roadside wooded area ditch field other _____		
Site Insect Release Details		
Was a stake or flag used to mark site? Yes/No Type rope _____		Specific directions (ex. ~100 ft in from side of road) Site is 200 feet behind house down path towards lake. Set in wetland that borders lake in sheltered bay.
If returning to site, was stake or flage found? Type <u>yes</u> _____		
Photo File Name(s):		
Method of Release(circle one) potted plants with beetles <u>just adult beetles</u>		# of potted plants _____ # of adult beetles released <u>60</u>
Weather (temp, wind, clouds) clear, 80 degrees		Insect condition... (check all that apply) <input checked="" type="checkbox"/> released in good condition? <input type="checkbox"/> released in poor condition? <input type="checkbox"/> pot placed next to field plant? <input checked="" type="checkbox"/> if releasing adults, placed directly on field plants? <input type="checkbox"/> tops of potted plants entwined with tops of field plants?
Additional Comments: Beetles sourced from adjacent plants onsite and added to netted pots. Beetles very hard to find this year! only filled 6 pots compared to 20 in previous years. Still saw healthy munching a month later for release, but left all on site, and did not move any to our island site.		

Please name photo files with site number and date and send to invasive.species@wi.gov. To enter data online, please visit <http://dnr.wi.gov/invasives/loosestrife>.

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Questions regarding purple looestrife? Please call the Purple Loosestrife Program at 608-221-6349. Questions regarding data entry? Please contact 608-266-0053

Entered into SWIMS 11/8/21 CAH