

**Station Summary**

<b>Waterbody Name</b> WISCONSIN RIVER	<b>WBIC</b> 1179900	<b>Field Seq no.</b> generated by SWIMS 163446586
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<b>SWIMS Station ID</b> 353068	<b>SWIMS Station Name</b> WISCONSIN RIVER - BELOW MERRILL DAM		
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<b>Field Sample ID</b> (retrieval date) 20180817-35-01	<b>Basin (WMU)</b> CENTRAL WISCONSIN	<b>Watershed Name</b> PINE CREEK	<b>County</b> LINCOLN
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**Project Name** LARGE RIVER MACROINVERTEBRATE SAMPLING

<b>Latitude</b> 45.1782263	<b>Longitude</b> -89.6861027	<b>Determination Method</b>	<b>Datum Used</b>
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Site Access Details: Approx 1 mile d/s From dam

**Sample and Site Descriptors**

**Sampling Device**

- Standard Non-wadeable Hester Dendy      Hester Dendy Area Calculation = Plate Size (cm) \_\_\_\_\_  
 Number of Plates 24
- Other Device: \_\_\_\_\_      Device Area Calculation = Plate Size (cm) \_\_\_\_\_

**Habitat Sampled**

- Suspended       River Bed

Snags (no./100m) \_\_\_\_\_      Avg. size (dbh) \_\_\_\_\_      Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: \_\_\_\_\_

**Substrate Composition**

Bedrock \_\_\_\_\_%      Boulder \_\_\_\_\_%      Cobble 20%      Gravel 60%  
 Sand 20%      Silt \_\_\_\_\_%      Clay \_\_\_\_\_%      Muck \_\_\_\_\_%  
 Aquatic Macrophytes \_\_\_\_\_%      CWD \_\_\_\_\_%      Other ( \_\_\_\_\_ ): \_\_\_\_\_%

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/5/18	8/17/2018	43
Time:	1305	1005	
Personnel:	Jim Klo, A. Wiat	A. Wiat, Jim Klo	
Water Depth at Location (m):	1 meter	.5 meter	
Sampler Height Above Substrate (m):			
Bank Placement:    R    L			
Distance From Bank:			
Water Temp (C):	26.2	25.1	
Water Color (clear, turbid, stained):	Tea Colored/clean	Stained/clean	
D.O. (mg/L):	7.51	8.6	
pH:	8.1	7.72	
Conductivity:	83.1	107.5	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	.2-.4 mps	.2-.4 mps	

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

Page 2 of 2

Draw Map:

Approx 9 meters From Shore under over hang  
face Limb.

Ethanol replaced the second day?

Yes

No

→ Friday Removal will Replace Monday

Label on inside of jar?

Yes

No

Label on outside of jar?

Yes

No

Additional Notes:

Water drop > sticks and other debris on u/s  
From sampler. Sampling plates were on d/s side of  
BRICK. NOT on top.

### For Lab Use Only

Sample Sorter Sam Canache	Taxonomist Demick Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 9/20/19	Specimens Saved Subsample archived in ABC until Dec 2022	

1/8 1/8 4/8 1/8 1/8  
57 78 100 30 50

315 total

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Acroneuria	L	1	1	Hils 1995	imm	N	N
A. lycorias	L	✓	5	Hitch 1974			1
Paragnetina medva	L	-II	7	Hils 1995			1
Baetidae	L	III	3	Klob 2016	dam/imm	n=1, Y	
Baetis intercalaris	L	I	1	"			
Acentrella parvula	L	I	1	"			
Placiditus dubius	L	I	1	"			
Caenis	L	I	1	"	imm		
Heptageniidae	L	B-III	48	"	dam/imm	N	
Leucocota	L	I	1	"			
Maccaffertium	L	0r	25	"	dam/imm	n=1, Y	
M. exiguum	L	"	2	"			
M. modestum	L	I	1	"			
M. vicarium	L	III	3	"			
Leptophlebiidae	L	III	4	"			
Isonychia	L	0-II	27	"	imm	N	
I. rufa	L	III	4	"			
Coenagrionidae	L	I	1	West May 1996	imm		
Hydropsychidae	L	III	3	Hils 1995	imm	N	
Hydropsychidae	P	I	1	Wigg Carr 2008			
Ceratopsyche	L	-I	6	Hils 1995			
C. alternans	L	-III	8	"	imm	N	
C. macosa	L	X	10	Schm Hils 1986			
C. m. bifida form	L	"	2	"	imm	N	
Macrostemum zebratum	L	Xr	15	Hils 1995			
Hydropsila	L	I	1	Wigg 1996			
Philopotamidae	L	III	5	Hils 1995	imm	N	
Chimarra obscura	L	2II	4	Hils 1982			
Lype diversa	L	I	1	Hils 1995			
Conydaleus cornutus	L	I	1	"			
Macronychus glabratus	A	XIII	13	Hils Schm 1992			
Sitenelmis	L	I	1	"		N	
S. grossa	A	I	1	"			
Dixetius	L	I	1	Hils 1995			
Atherix variegata	L	-III	8	"			
Nemeroptonia	L	I	1	Count Merr 2008			
Orthocladiinae 0830001	P	I	1	Ferretal 2008		DD XT N	
Tvetenia	P	I	1	"		N	
Chironominae 08330001	P	"	2	"	dam	N	

DD

n=1 Centropetiline

Tanytarsini

