

Station Summary

Waterbody Name MENOMINEE RIVER		WBIC 609000	Field Seq no. generated by SWIMS 169208152
SWIMS Station ID 10020111	SWIMS Station Name MENOMINEE RIVER - ACCESS AT RIVER RD		
Field Sample ID (retrieval date) 20180919-38-02	Basin (WMU) GREEN BAY	Watershed Name WAUSAUKEE AND LOWER MEN	County MARINETTE
Project Name LARGE RIVERS MONITORING			
Latitude 45.36795	Longitude -87.87882	Determination Method	Datum Used

Site Access Details: _____

Sample and Site Descriptors

Sampling Device

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

Habitat Sampled

Suspended River Bed

Snags (no./100m) 10 Avg. size (dbh) 12 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Forested wetlands - good condition

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble _____ % Gravel 30 %
 Sand 50 % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD 20 % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/19/19	9/19/19	
Time:	11:00	14:50	
Personnel:	Hudak	Hudak	
Water Depth at Location (m):	1.6m	1.6m	
Sampler Height Above Substrate (m):	0.25m	0.25m	
Bank Placement: R <u>(D)</u>	L	L	
Distance From Bank:	5m	5m	
Water Temp (C):	25.5	19.4	
Water Color (clear, turbid, stained):	stained	stained	
D.O. (mg/L):	7.5	8.9	
pH:	8.7	8.2	
Conductivity:	.261	.218	
Transparency Tube (cm):	>122	>122	
Turbidity (NTUs):			
Water Velocity (m/s):			

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:

Ethanol replaced the second day?

Yes
Yes
Yes

No

Label on inside of jar?

No

Label on outside of jar?

No

Additional Notes:

For Lab Use Only		
Sample Sorter <i>Kyle Wilson</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>100%</i>
Date Processed <i>9/19/19</i>	Specimens Saved <i>293</i>	

4K=13
3E=35

All 293

Subsample archived in ABC until Dec 2022

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Acroneuria</i>	L	III	4	Hils 1995	imm	N	N
<i>A. abnormis</i>	L	III	3	Hils 1974			
<i>Pteronareys</i>	L	I	1	Hils 1995	imm		
<i>Ephemeroptera</i>	L	I	1	"	imm	N	
<i>Heptageniidae</i>	L	II-III	13	KWh 2016	dam/imm	N	
<i>Macaetertium</i>	L	0	20	"	imm	Y	
<i>M. medionotatum</i>	L	I	1	"			
<i>Leptophlebiidae</i>	L	III	3	"	imm		
<i>Gomphidae</i>	L	I	1	Need et al 2000	imm		
<i>Hydropsychidae</i>	L	II	7	Hils 1995	imm	N	
<i>Cnemidopsycha</i>	L	III	33	"			
<i>Hydropsyche</i>	L	II	2	"	imm	N	
<i>H. phalerata</i>	L	X	15	Schim Hils 1986			
<i>H. placida</i>	L	II	2	"			
<i>H. scalaris</i>	L	III	4	"			
<i>Ceratopsyche</i>	L	I	1	Hils 1995	imm		
<i>Hydroptilidae</i>	L	I	1	"	dam	N	
<i>Hydroptila</i>	L	I	1	"			
<i>Nectopsyche exquisita</i>	L	II	2	Glover Floyd 2004			
<i>Oecetis</i>	L	IIII	9	Hils 1995	imm		
<i>Polycentropodidae</i>	L	III	3	"	imm	N	
<i>Neureclipsis</i>	L	X	10	"			
<i>Nyctiphylax</i>	L	III	3	"			
<i>Polycentropus</i>	L	I	1	"			
<i>Macronychus glabratus</i> L, 4 A, 16	L/A	0	20	Hils Schim 1992			
<i>Simulium</i>	P	II	2	Adler et al 2004			
<i>Natarsia</i>	P	I	1	Ferrel 2008			
<i>Cnephia</i> (<i>Cnephia</i>)	P	I	1	Coff et al 1986		N	
<i>Tanytarsus</i>	P	III	3	Ferr et al 2008			
<i>Gammarus</i>	A	I	1	Hils 1972	imm		
<i>Dugesiiidae</i>	A	II	2	Thompson 2016			
<i>Prostoma = Haplomenemtea</i>	A	XII	17	"			
<i>Naidinae</i>	A	XI	16	Brin Geld 1991			
<i>Ancyliidae</i>	A	II	2	Burch 1989			
<i>Laevanex fuscus</i>	A	I	1	"			
<i>Physa</i>	A	X	10	Thompson 2016			
<i>Hydrobiidae not P. antipodanum</i>	A	III	4	Burch 1989			✓
<i>Sphaerium</i>	L	XII	1				
<i>Chironomidae</i>	L	I	1	Count Merr 2009			N

