

**Station Summary**

<b>Waterbody Name</b> FOX RIVER		<b>WBIC</b> 117900	<b>Field Seq no.</b> generated by SWIMS 279146473
<b>SWIMS Station ID</b> 393006	<b>SWIMS Station Name</b> FOX RIVER - A STH 22 BRG MONTELLO		
<b>Field Sample ID</b> (retrieval date) 20210901-39-03	<b>Basin (WMU)</b> UPPER FOX	<b>Watershed Name</b> BUFFALO AND PUCKAWAY LAI	<b>County</b> MARQUETTE
<b>Project Name</b> LARGE RIVER SUPPLEMENTAL MACROINVERTEBRATE MONITORING			
<b>Latitude</b> N43.77529 43.7862842	<b>Longitude</b> W89.30495 -89.3260922	<b>Determination Method</b> GPS	<b>Datum Used</b> WGS84

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) 20      Avg. size (dbh) 15"      Coniferous and/or Deciduous (circle) Deciduous

Riparian Land Use, Vegetation, and Condition: Natural

**Substrate Composition**

Bedrock \_\_\_\_\_%      Boulder \_\_\_\_\_%      Cobble \_\_\_\_\_%      Gravel \_\_\_\_\_%  
 Sand 80%      Silt 20%      Clay \_\_\_\_\_%      Muck \_\_\_\_\_%  
 Aquatic Macrophytes \_\_\_\_\_%      CWD \_\_\_\_\_%      Other ( \_\_\_\_\_ ): \_\_\_\_\_%

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/21/21	9/1/21	
Time:	14:00	13:20	
Personnel:	D. Bolha, T. Johnson	D. Bolha, Brian Zalay	
Water Depth at Location (m):	1.0	0.8	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R (L)	<del>R</del>	Left	
Distance From Bank:	3.0	3.0	
Water Temp (C):	25.54	24.1	
Water Color (clear, turbid, stained):	clear	clear	
D.O. (mg/L):	<del>6.9</del> 6.9	6.65/79.2	
pH:	7.6	8.00	
Conductivity:	345.6	384.6	
Transparency Tube (cm):	120	120	
Turbidity (NTUs):			
Water Velocity (m/s):	0.037	0.037	

Flow @ Princeton on 7/21/21 1150 & s / Fox@Princeton 9/1/21 1020 c/s

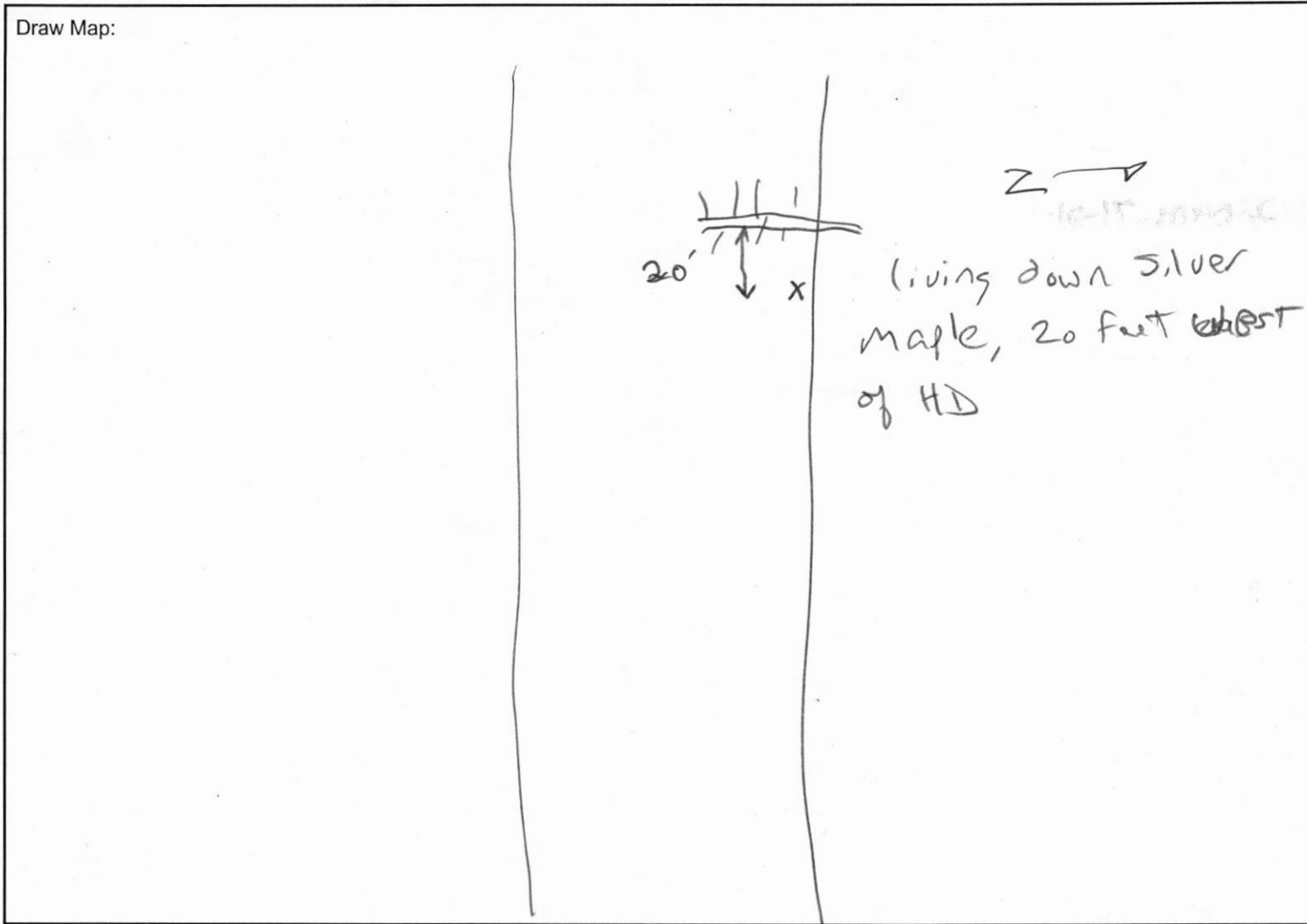
10.4%

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:



Ethanol replaced the second day?	Yes	No
Label on inside of jar?	Yes	No
Label on outside of jar?	Yes	No

Additional Notes:

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### For Lab Use Only

Sample Sorter <i>Katherine McClure</i>	Taxonomist <i>Dimick Jeffroy</i>	Estimated Percent of Sample Sorted <i>93.8%</i>
Date Processed <i>8/23/22</i>	Specimens Saved <i>subsample archived in ABL until Nov 2025</i>	

E8:16 H8:16 B1:5 C8:4 #14  
 F3:6 GH:9 E2:14 FG:13

(S18)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Caenis	L III		5	MCB 2019	imm		N
<del>Stenonema</del>	L III		180	"	imm	N	
<del>S. intermedium</del>	L III		32	KWh 2016			
<del>Stenonema femoratum</del>	L III		4	MCB 2019			
<del>Chematopsyche</del>	L XIII		13	"			
<del>Chematopsyche</del>	P III		5	Rother 1985		N	
<del>Leptocerus americanus</del>	L II		2	Hils 1995			
<del>Polycentropodidae</del>	L III		3	MCB 2019	dam/imm	N	
<del>Cynellus fraternus</del>	L II		2	"			
<del>Holocentropus</del>	L -III		13	"			
<del>Polycentropus</del>	L I		2	"			
<del>Macronychus glabratus L. 4 A, 10</del>	L/A XIII		14	Hils 1995 was			
<del>Berosus</del>	L II		2	MCB 2019			
<del>Chironomini</del>	P I		1	"	dam	N	
<del>Hyalilla wellborni</del>	A III		33	Sauck et al 2015			
<del>Plumatellidae</del>	A I		1	Thorp Reg 2016			
<del>Hydrobiidae NOT P. antypodorum</del>	A V		2	Buren 1989			
<del>Dusessidae</del>	A III-III		158	Thorp Reg 2016			
<del>Atalaphella echensis</del>	A III		6	Saiz et al 2018			
<del>Heptageniidae</del>	L XIII		14	MCB 2019	dam	N	
<del>Trichoptera</del>	P I		1	"	dam	N	
<del>Polycentropodidae</del>	P I		1	"		N	
<del>Stenelmis</del>	L II		3	"			
<del>Zavrelimyia</del>	P I		1	"			
<del>Paratendipes</del>	P I		1	"			
<del>Valvata</del>	A I		1	Thorp Reg 2016			
<del>Cypridae</del>	A I		1	"			
<del>Sida crystallina</del>	A I		1	"			
<del>Daphniidae</del>	A I		1	"			
<del>Epitheca/Tetragoneura cyathura</del>	L I		1	Tennissen 2019			✓
<del>split to Chironomidae</del>	L III						
<del>split to worm</del>	A III						
<del>Glyptotendipes</del>	L XIII		15	And et al 2013			N
<del>Abalatesmyia (Abalatesmyia) thompsoni group</del>	L XIII		14	Bolton 2012			
<del>Zavrelimyia</del>	L III		3	And et al 2013			
<del>Chironominae</del> <u>Micros/Tendipes</u>	L I		1	"	dam	Y	
<del>Eudochironomus nigricans</del>	L II		2	Bolton 2012			
<del>E. subtendens</del>	L I		1	"			
<del>Phaenopsectra obediens</del>	L I		6	"			✓

