

Station Summary

Waterbody Name FOX RIVER		WBIC 117900	Field Seq no. generated by SWIMS 279146477
SWIMS Station ID 10033617	SWIMS Station Name FOX RIVER - NEAR GRAND RIVER		
Field Sample ID (retrieval date) 20210901-39-01	Basin (WMU) UPPER FOX	Watershed Name BUFFALO AND PUCKAWAY LAI	County MARQUETTE
Project Name LARGE RIVER SUPPLEMENTAL MACROINVERTEBRATE MONITORING			

Latitude 43.74966 - N43.74583	Longitude -89.26831 W 89.26279	Determination Method GPS	Datum Used WGS84
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Site Access Details: By log in middle of River (See back)

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) 0 Avg. size (dbh) 6 Coniferous and/or Deciduous (circle) Deciduous

Riparian Land Use, Vegetation, and Condition: Marsh, Reed canary grass, cattail, native Phalaris

Substrate Composition

Bedrock _____% Boulder _____% Cobble _____% Gravel _____%

Sand 100% Silt _____% Clay _____% Muck _____%

Aquatic Macrophytes _____% CWD _____% Other (_____): _____%

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/21/21 →	9/1/21	
Time:	12:53 pm →	10:00	
Personnel:	TJ, DB →	DBolha, BrianZalay	
Water Depth at Location (m):	1.2 m	1.0 m	
Sampler Height Above Substrate (m):	0.2 m	0.1 m	
Bank Placement:	(R) R bank	R	
Distance From Bank:	30 m	30 m	
Water Temp (C):	25.9	23.7	
Water Color (clear, turbid, stained):	stained	clear	
D.O. (mg/L):	7.1	8.42 / 99.4%	
pH:	7.8	8.29	
Conductivity:	346.3	388.4	
Transparency Tube (cm):	120 120 cm	120 cm	
Turbidity (NTUs):			
Water Velocity (m/s):	0.0	0.0	

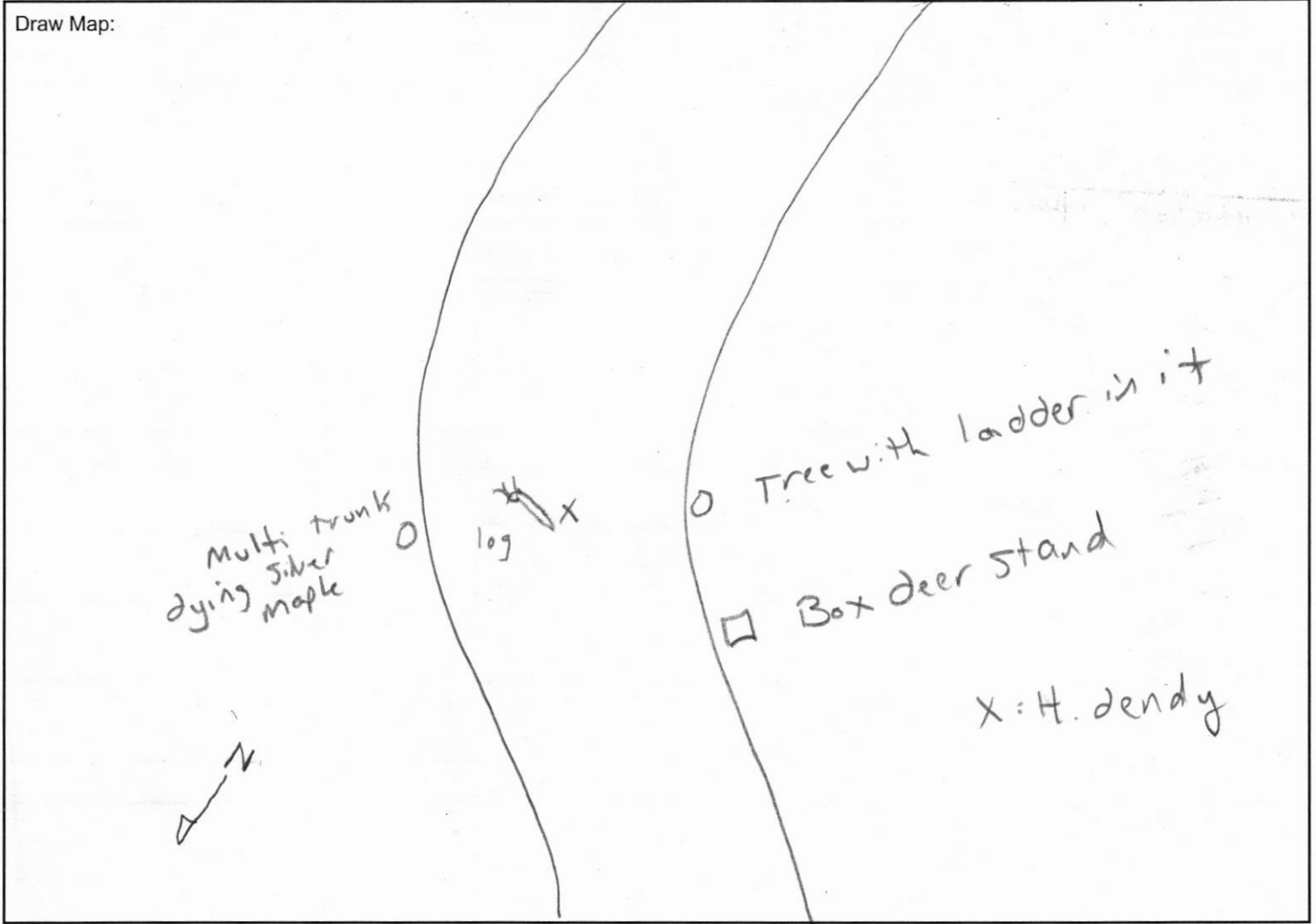
39.1 ~~43%~~
1.4%

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:

Total sort 20220814 JSD

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Domick Jeffray	Estimated Percent of Sample Sorted 100.0
Date Processed 8/19/22	Specimens Saved Subsample archived in ABC until NOV 2025	

A4:1 D1:3 B2:1
G7:1 D8:1 C9:0

(165)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Callibaetis	L	I	1	MCB 2019	dam		N
Caenis	L	IIIIIIIIII	29	"	imm	N	
C. punctata C. dimidiata	L	I	1	Kub 2016			
C. punctata	L	IIII	12	"			
Stenonema	L	III	3	MCB 2019	imm		
Stenonema femoratum	L	I	1	"			
Coenagrionidae C/E	L	I	1	"	imm	N	
Epithema/Tetraneura cynosura	L	II	2	Tennessee 2019			
Leucorhynchus	L	I	1	"			
Enallagma	L	II	2	MCB 2019			
Dolichoptera	L	IIIIII	8	"			
Cynellus fraternus	L	I	1	DEPT "			
Nectopsyche candida	L	I	1	GlowFlyd 2004			
Dolichoptera	L	I	1	MCB 2019			
Berosus	L	I	1	"			
Chironomus	P	I	1	"	dam	N	
Cladocera	P	I	1	"			
Tamiasini	P	I	1	"	dam		
Hydrotia wellborni	A	8x-III	58	Sawick et al 2015			
Gastropoda	A	I	1	Thorp Reg 2016	dam	N	
Ranunculus fuscus	A	II	2	"			
Hydrobiidae	A	II	2	Burdick 2009			
Physa	A	I	1	Thorp Reg 2016			
Sphaeriidae	A	I	1	"	dam	N	
Pisidium	A	I	1	"			
Dugesidae	A	III	4	"			
Classisiphonidae	A	III	3	"	imm		
Arenarius	A	I	1	Peck et al 1990			
Sida crystallina	A	III	4	Thorp Reg 2016			
Hydrobiidae	L	I	1	Miss 1977			
Trematidiformes	A	I	1	Thorp Reg 2016	imm	N	
Split A2 Chironomidae	L	IIIIIIIIII					
Split A2 worm	A	8x-III					
Dicopelidius	L	8x-III	19	And et al 2013			N
Glyptotendipes	L	8x-III	13	"			
Cricotopus (Cricotopus) bicinctus group	L	I	1	"			
C-Osotendipes) sylvestris group	L	II	2	"			
Tubifera bavarica group	L	II	2	Bode 1983			
Endochironomus nigricans	L	II	2	Bolton 2012			
Naïs	A	III	8	Kahn-Bow 1998	not indet	N	

