

Station Summary

Waterbody Name Fox River		WBIC 117900	Field Seq no. generated by SWIMS 210277101
SWIMS Station ID 10052990	SWIMS Station Name FOX RIVER DOWNSTREAM OF EUREKA DAM		
Field Sample ID (retrieval date) 20190920-71-0	Basin (WMU) Upper Fox	Watershed Name Fox River - Berlin	County Winnebago
Project Name LARGE RIVER SUPPLEMENTAL MONITORING IN FOX AND WOLF RIVER BASIN			
Latitude 43.9961022	Longitude -88.8702685	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91

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) 0.5 Avg. size (dbh) 10" Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Natural wetland/woodland

Substrate Composition

Bedrock _____% Boulder _____% Cobble _____% Gravel _____%
 Sand 100% Silt _____% Clay _____% Muck _____%
 Aquatic Macrophytes _____% CWD _____% Other (_____): _____%

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	08/08/19	09/20/19	43
Time:	15:25	15:44	
Personnel:	D. Bolha	D. Bolha	
Water Depth at Location (m):	2.3	2.3	
Sampler Height Above Substrate (m):	0.3	0.3	
Bank Placement: R (L)	Left bank facing US	" "	
Distance From Bank:	6m	6m	
Water Temp (C):	25.7	21.9	
Water Color (clear, turbid, stained):	turbid	turbid	
D.O. (mg/L):	6.0 / 75.1% saturation	6.3 / 72.3%	
pH:	7.6	7.7	
Conductivity:	353.7	375.4	
Transparency Tube (cm):	64	61	
Turbidity (NTUs):			
Water Velocity (m/s):	0.5 ft/sec	1.374 ft/sec	

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:

For Lab Use Only		
Sample Sorter <i>Noos, Eric</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>10%</i>
Date Processed <i>11/5/2020</i>	Specimens Saved <i>Subsample archived in ABC until Jan 2024</i>	

*B5 E6 G2 H6 O3 B1 C8Q2 = 513 + 7 L/R
 70 63 123 99 64 68 26*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Caenis	L	I	1	Meerhaan B 2019	imm		N
Stenacron	L	I	1	"	imm		
Arcia	L	I	1	"	imm		
Hydropsychidae	L	-II	7	"	imm	N	
Cheumatopsyche	L	88x-III	140	"			
Hydropsyche	L	III	34	Hols 1995	imm	N	
H. orris	L	III	24	Schmitts 1986			
H. simulans	L	II	2	"			
Hydroptila	L	I	1	Meerhaan B 2019			
Polycentropodidae	P	I	1	"		N	
Cynellus fraternus	L	III	4	"			
Neureclipsis	L	II	2	"			
Berosus	L	II	2	"			
Hemerodromia	L	III	3	"			
Polypedium	P	I	1	"		N	
Cranonyx pseudogracilis complex	A	III	4	Hols 1972			
Nyalalla azteca	A	8x-1	56	Soucek et al 2015			
Caecicotea	A	I	5	Thorp Poy 2016	fem/imm		
Hydrobiidae not P. antipodarum	A	III	3	Thorp Poy 1991			
Actinobdella inequianvata	A	I	1	Thorp Poy 2016			
Nelobdella echoensis	A	I	1	Saglam et al 2018			
Dugesidae	A	8x-III	54	Thorp Poy 2016			↓
Pleurocera	A	-II	7	Burch 1989			Y
Split Aza Chironomidae	L	8x-III					
Split Azb Chironomidae	L	XII-III					
Dicrotendipes	L	II	2	And et al 2013			N
Glyptotendipes	L	880	100	"			
Ablabesmyia (Ablabesmyia)	L	XIII	14	"	imm		
Zavrelimyia	L	I	1	"			
Nanocladius (Nanocladius)	L	III	3	"	imm		
Thienemannella xera	L	I	1	Bolton 2012			↓
Chironominae 08330006	L	III	3	And et al 2013	imm	N	N
Endochironomus nigricans	L	I	1	Bolton 2012			
Polypedium (Uresipedium) flavum	L	8x-	35	"			
Rhyotanytarsus	L	III	3	And et al 2013			↓