

Station Summary

Waterbody Name EAU CLAIRE RIVER		WBIC 1437600	Field Seq no. generated by SWIMS 172481283
SWIMS Station ID 10012286	SWIMS Station Name EAU CLAIRE RIVER - EAU CLAIRE RIVER AT CAMP PHILLIPS RD		
Field Sample ID (retrieval date) 20180913-37-02	Basin (WMU) CENTRAL WISCONSIN	Watershed Name LOWER EAU CLAIRE (MARATH)	County MARATHON
Project Name LARGE RIVERS MONITORING			
Latitude 44.92794	Longitude -89.57244	Determination Method	Datum Used

Site Access Details: Yellow Banks Park

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 8x8
 Number of Plates 8
 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 75 %
 Sand 5 % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

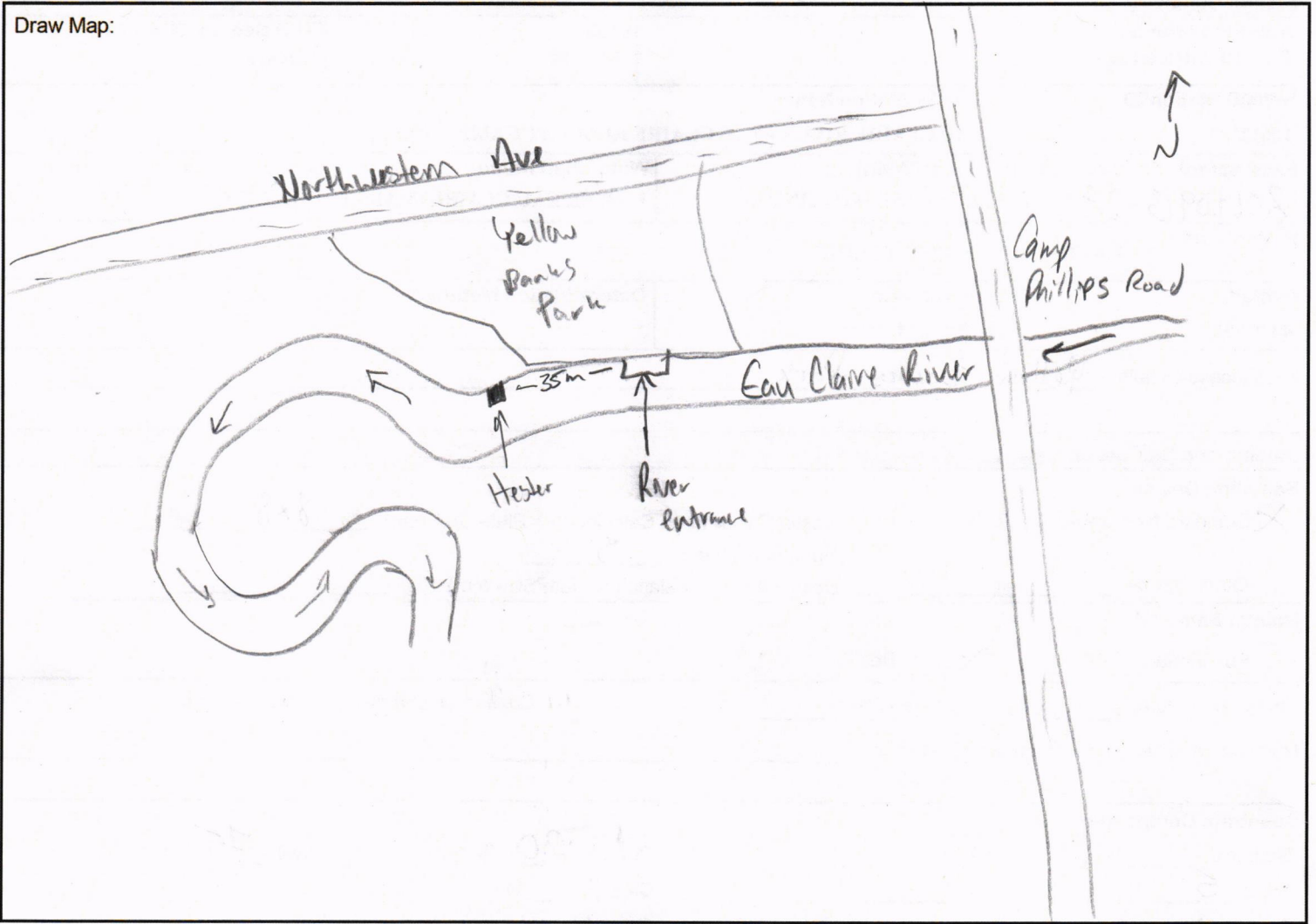
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/10/2018	9/13/2018	
Time:	10:00 Am	10:35 Am	
Personnel:	Willger, Raleigh, Hasz	Willger, Raleigh, Hasz	
Water Depth at Location (m):	1.15	1.3	
Sampler Height Above Substrate (m):	0.25	0.25	
Bank Placement: R L	R	R	
Distance From Bank:	1cm	1cm	
Water Temp (C):	18		
Water Color (clear, turbid, stained):	clear, w/slight stain →		
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
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 No

Label on inside of jar?

Yes No

Label on outside of jar?

Yes No

Additional Notes:

Park @ Yellow Banks Park. Small mowed area @ river edge. Hester was placed ~35m DS of river entrance.

Large rain events 1.5-2 weeks before retrieval

Hester Coordinates: 44.92771, 89.57505

For Lab Use Only

Sample Sorter Kiersten Czarniecki	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 10/08/2019	Specimens Saved SFT subsample archived in ABL until Dec 2022	

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Plecoptera	L	I	1	Hils 1995	imm	N	N
Acroneuria	L	I	1	"	imm	N	
A. lycorras	L	I	5	Hitch 1974			
Baetidae	L	II	2	Klub 2016	imm	N	
Baetis flavistriga species complex	L	I	1	"			
Acentrella parvula	L	I	1	"			
Coenis	L	II	2	"	imm	N	
C. anceps	L	II	2	"			
Eurylophella	L	I	1	"	imm		
Teloganopsis deficiens	L	II	2	"			
Heptageniidae	L	XI	11	"	dam/imm	N	
Leucowata	L	I	1	"			
Maccallisterium	L	8 III	44	"	imm	n=7, Y	
M. mediopunctatum	L	X-III	19	"			
M. vicarium	L	I	1	"			
Stenacron	L	III	4	"	imm		
Isonychia	L	III	21	"	imm		
Brachycentrus numerosus	L	I	1	Hils 1985			
Hydropsychidae	L	II	2	Hils 1995	imm	N	
Cheumatopsyche	L	8-1	36	"			
Ceratopsyche bronata	L	I	1	Schm Hils 1986			
Leptoceridae	L	I	1	Hils 1995	imm	N	
Ocetis	L	II	2	"	imm		
Nyctiophylax	L	I	1	"			
Lype diversa	L	I	1	"			
Nigronia semicornis	L	I	1	Neunzig 1966			
Macronychus glabratus	A	I	5	Hils Schm 1992			
Microcyllopus pusillus	A	I	1	"			
Optiosecurus trivittatus	L	I	1	"			
Stenelmis	L	II	2	"			
Atherix variegata	L	I	1	Hils 1995			
Nilotanyms	P	I	1	Ferr et al 2008			
Orthocladinae 0830000	P	II	2	"	dam	N	
Thienemannella	P	I	1	"		N	
Laarvax fuscus	A	III	3	Thomp Reg 2016			
Naididae	A	II	2	Birnfeld 1991			↓
Split A3 Chironomidae	L	X-III-IV					
Tanyptarinae 08270000	L	II	2	Cranston 2013	imm	N	N
Ablabesmyia	L	I	1	Cran Epl 2013	imm	N	N

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Ablabesmyia (Ablabesmyia)	L	I	1	Cran Epl 2013	imm		N
Cerchapelepis 08270700	L	II	2	"			
Labrundinia berneri	L	I	1	Epler 2001			
Nilotanytus	L	II	2	Cran Epl 2013	imm	N	
Thienemannimyia group	L	II I	26	"	imm	n=9, Y	
Orthocladiinae 08300000	L	XII	12	Cranston 2013	imm	N	
Comptosia	L	-I	6	And+3 2013			
Cricotopus	L	IIII	4	"			
Nanocladius	L	XIIII	13	"	imm	N	
N. (Nanocladius)	L	II	2	"	imm	N	
N. (N.) spinipennis	L	I	5	Epler 2001			
N. (N.) crassicornus/ cf. pectinervis	L	I	5	"			
N. (Plecopteracladius) downesi	L	I	1	"			
Orthocladius (Orthocladius)	L	II	2	And+3 2013			
O. (Symposiocladius) annectens	L	II	2	Bolton 2012			
Parakiefferella	L	-I	6	And+3 2013			
Rheocricotopus	L	I	1	"	imm	N	
Rh. robacki	L	I	1	Epler 2001			
Synorthocladius	L	IIII	4	And+3 2013			
Thienemannella	L	X-I	16	"	mt med/ imm	N	
Th. lobopodema	L	-IIII	8	Bolton 2012			
Th. tauricapita	L	-IIII	8	"			
Chironominae 08330000	L	X-III	18	Cranston 2013	imm	N	
Cladotanytarsus	L	I	1	Epl et al 2013			
Disrotendipes	L	XII	12	"			
Glyptotendipes	L	-IIII	8	"			
Microtendipes pedellus group	L	II	2	"			
M. rydalis group	L	I	1	"			
Nilothauma	L	II	2	"			
Paratanytarsus	L	I	1	"	mt med	N	
P. species A	L	I	1	Nils unpubl			
Polypedilum (Polypedilum) illinoense group	L	-I	6	Bolton 2012			
P. (Tripodura) scalaeum group	L	I	5	"			
P. (Uresipedilum) aviceps	L	I	1	"			
P. (U.) flavum	L	-II	7	"			
Rheotanytarsus	L	88-II	87	Epl et al 2013			
Tanytarsus	L	8xI	56	"			
Hydrobaenus	L	I	1	And+3 2013			✓