

20200904-36-D2

Station Summary

Waterbody Name EAST TWIN RIVER		WBIC 84000	Field Seq no. generated by SWIMS 247087916
SWIMS Station ID 10042856	SWIMS Station Name EAST TWIN RIVER AT MAPLEWOOD RD		
Field Sample ID (retrieval date) 0904202002	Basin (WMU) TWIN - DOOR - KEWAUNEE	Watershed Name EAST TWIN RIVER	County MANITOWOC
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 44.1894349	Longitude -87.606115	Determination Method	Datum Used

Site Access Details: off Maplewood Road by golf course

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 3 Hester Dendy samplers attached to a 40 lb cinder block

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

Riparian Land Use, Vegetation, and Condition: _____

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7-20-2020	9-4-2020	46
Time:	14:30	11:30	
Personnel:	Mary Gansberg	Mary Gansberg	
Water Depth at Location (m):	1.5	1.1	
Sampler Height Above Substrate (m):		1.1	
Bank Placement: (R) L			
Distance From Bank: m	3.5 m	3.5 m	
Water Temp (C):			
Water Color (clear, turbid, stained):	Turbid	Turbid	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):			

50-2E-10-00005

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:

[Large empty box for drawing a map]

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

Additional Notes:

[Horizontal lines for additional notes]

For Lab Use Only		
Sample Sorter Ann. Isabel	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 35.7%
Date Processed 11/5/2021	Specimens Saved Subsample archived in BSL until Dec 2024	

10:00-
1:30
5:30-
9:10
8:45-
9:30

B4 E8 C1 C5 C-6 A3 C3 D1 } 187
 A1 A8 B4 C6 D5 D7 E4 F2 F6 G4 G5 H1 H4
 D5 A3 C6 F8 F3
 H1 B2 F7
] 290] 39]]] (516)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Oenosis</i>	L	1	1	MCB 2019	imm		N
<i>Stenonema femoratum</i>	L	"	2	"			
<i>Leptophlebiidae</i>	L	1	1	"	imm		
<i>Polyethura</i>	L	1	1	"			
<i>Polyentomus</i>	L	"	2	"			
<i>Chironomidae</i>	P	1	1	"	dam	N	
<i>Dicrotendipes</i>	P	"	3	"			
Split Aza Chironemidae	L	8x JJ					
Split Azb Chironemidae	L	8x JJ					
Split Azc Chironemidae	L	8x JJ					
Split Azd Chironemidae	L	8x JJ					
Split Aze Chironemidae	L	8x JJ					
Split Azf Chironemidae	L	8x JJ					
Split Azg Chironemidae	L	8x JJ					
Split Azh Chironemidae	L	8x JJ					
<i>Dicrotendipes</i> 12+134	L	88x JJ 255	255	And et al 2013		N	N
<i>Glyptotendipes</i>	L	80"	72	"			
<i>Microtendipes pedellus</i> group	L	III	4	"			
<i>Chironemidae</i>	L	II	2	MCB 2019	dam	N	
<i>Tanypodinae</i>	L	II	2	And et al 2013	imm	N	
<i>Ablabesmyia</i> (<i>Ablabesmyia</i>)	L	0-1	26	"	imm	N	
<i>A. (A.) mallochii</i>	L	-	5	Bolton 2012			
<i>A. (A.) champhe</i> group	L	"	2	"			
<i>Conchapelonia</i>	L	II	2	And et al 2013			
<i>Procladius</i> (<i>Holotanyptus</i>)	L	I	1	"			
<i>Parakiefferiella</i>	L	III	4	"			
<i>Thienemanniella lobapodema</i>	L	III	4	Bolton 2012			
<i>Chironominae</i>	L	80	70	And et al 2013	imm	N	
<i>chironomus</i>	L	I	1	"			
<i>Endochironomus</i>	L	I	1	Bolton 2012			
<i>Paratanytarsus</i>	L	-	6	And et al 2013	mt indet	N	
<i>P. species A</i>	L	x-II	17	Atis unpubl			
<i>Phaenopsectra obediens</i>	L	I	1	Bolton 2012			
<i>P. obediens</i> group	L	II	2	Epler 2001	imm	N	
<i>Polypedium</i>	L	I	1	And et al 2013	mt indet	Y	
<i>P. (Polypedium) laetum</i> group	L	I	1	Bolton 2012			
<i>P. (Tropodura) scalaenum</i> group	L	II	3	"			
<i>Rheotanytarsus</i>	L	III	3	And et al 2013			
<i>Tanytarsus</i>	L	III	3	"			✓

