

Station Summary

Waterbody Name TREMPEALEAU RIVER	WBIC 1769900	Field Seq no. generated by SWIMS 256804832
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SWIMS Station ID 623036	SWIMS Station Name TREMPEALEAU RIVER - ABOVE COOP CREAMY BROILER		
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Field Sample ID (retrieval date) 20200923-62-01	Basin (WMU) BUFFALO - TREMPEALEAU	Watershed Name MIDDLE TREMPEALEAU RIVER	County TREMPEALEAU
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Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING

Latitude 44.2547064	Longitude -91.505276	Determination Method	Datum Used
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Site Access Details: HESTER LOCATED UPSTREAM OF BRIDGE ON RIGHT BANK
LOOKING UPSTREAM, 30 METERS UPSTREAM OF TURTON CONFLUENCE

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

Riparian Land Use, Vegetation, and Condition: RIGHT BANK IS WOODED FLOODPLAIN FOREST,
LEFT BANK IS MOWED PARKLAND.

Substrate Composition

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

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

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	08/12/2020	09/23/2020	42
Time:	11:00 AM	10:00 AM	
Personnel:	KURT RASMUSSEN, SCHNEIDER ^{ANDREW}	RASMUSSEN, SCHNEIDER	
Water Depth at Location (m):	1.0	1.8	
Sampler Height Above Substrate (m):	0.2	0.6	
Bank Placement: R L	RIGHT	RIGHT	
Distance From Bank:	2 M	2 M	
Water Temp (C):	17.6	14.6	
Water Color (clear, turbid, stained):	TURBID	SLIGHTLY TURBID	
D.O. (mg/L):	8.93		
pH:	7.89	7.71	
Conductivity:	249.9	252.0	
Transparency Tube (cm):	65		
Turbidity (NTUs):			
Water Velocity (m/s):	0.52	0.63	

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:

F

For Lab Use Only		
Sample Sorter <i>Rachael Valleria</i>	Taxonomist	Estimated Percent of Sample Sorted <i>39.1%</i>
Date Processed <i>11/11/21</i>	Specimens Saved	

E4 A5 A7 D3 G3 C2 Grid 1(16) B5 D7 C5
14 18 19 20 18 33 370 28 31 24
5/5
 $\frac{25}{64} \times 100 = 39.06$

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Baetidae	L	I	1	MCB 2019	imm	N	N
Baetis intercalaris	L	II	2	Kleb 2016			
Heptageniidae	L	X-III	20	MCB 2019	imm	N	
Heptagenia	L	III	3	"	imm	N	
H. flavescens	L	X-III	19	Kleb 2016			
Maccaffertium	L	8-1	36	"	imm	N	
M. exiguum	L	II	2	"			
Plecoptera	L	III	5	MCB 2019	imm	N	
Perlidae	L	III	5	"	imm	N	
Paragnetina medra	L	I	5	Hils 1995			
Pteronareys	L	-	5	MCB 2019	imm		
Taeniopteryx	L	II	7	"	imm		
Brachycentrus numerosus	L	8-11	43	Hils 1985			
B. occidentalis	L	I	1	"			
Hydropsychidae	L	0-III	35	MCB 2019	dam/imm	N	
Ceratopsyche glassonae	L	4	2	Schm Hils 1986			
C. sparna	L	8-11	42	"			
Cheumatopsyche	L	8-11	56	MCB 2019			
Hydropsyche	L	III	9	Hils 1995	imm	N	
H. similans	L	0-1	26	Schm Hils 1986			
Nectopsyche	L	I	1	MCB 2019	imm		
Neureclipsis	L	I	1	"			
Oaetis	L	II	2	"	imm		
Empididae	L	I	1	"	dam	N	
Nemerodromia	L	-1	6	"			
Simuliidae	L	-1	6	"	imm	N	
Simulium	L	I	1	"	imm		✓
Spit A2a Chironomidae	L	8-11					
Spit A2b Chironomidae	L	8-11					
Spit A2c Chironomidae	L	0-1					
Spit A2 worm	A	X-III					
Thienemannella	L	X	10	And et al 2013	imm		N
Tretania discoloripes group	L	III	4	Bode 1983			
Rheotanytarsus	L	8-11	46	And et al 2013			
Tanypterinae	L	I	1	"	imm		
Orthocladiinae	L	X-11	17	"	imm	N	
Cristatus	L	I	1	"	imm	Y	
C-(Cristatus) biometus group	L	I	1	"			↓

