

20170919-64-01

Station Summary

Waterbody Name WISCONSIN RIVER	WBIC 1179900	Field Seq no. generated by SWIMS 149841381
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SWIMS Station ID 10021065	SWIMS Station Name WISCONSIN RIVER D.S. OTTER RAPIDS DAM
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Field Sample ID (retrieval date) 9/19/17	Basin (WMU) UPPER WISCONSIN	Watershed Name SUGAR CAMP CREEK	County VILAS
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Project Name RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS

Latitude 45.9036	Longitude -89.32153	Determination Method GPS	Datum Used WGS 84
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Site Access Details: Accessed river from canoe put-in on Cloverland Rd

Sample and Site Descriptors

Sampling Device
 Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 7162 (square)
 Number of Plates 8
 Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled
 Suspended River Bed

Snags (no./100m) 1 Avg. size (dbh) 12" Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: wooded / brushy

Substrate Composition

Bedrock _____ % Boulder 10 % Cobble 90 % Gravel _____ %
 Sand _____ % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	8/8/17	9/19/17	42
Time:	12:00	12:00	
Personnel:	J. Kosciowski, J. Kleist, J. Kosciowski, J. Kleist, A. Schmitz		
Water Depth at Location (m):	0.6	0.6	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R L	Mid R	Mid R	
Distance From Bank:	40m	same	
Water Temp (C):	19.4°C	18.5°C	
Water Color (clear, turbid, stained):	stained	same	
D.O. (mg/L):	7.1	6.83	
pH:	7.1	7.12	
Conductivity:	86	92	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	0.3	0.3	

Non-Wadeable Macroinvertebrate Field Data Report

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 Justin Kowalski	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 6.3%
Date Processed 10/19/2017	Specimens Saved Subsample archived in ABC only 1 Jan 2021	

B3 63 D3 E3 | F3 G3 H3 I3
 171 107 139 | 69 87

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
<i>Baetis intercalaris</i>	L	I	1	Kilbertanz 2016			
<i>Maccaffertium</i>	L	I	1	"	imm	N	
<i>M. vicarium</i>	L	I	1	"			
<i>Isaocybia</i>	L	I	1	"	imm		
Hydropsychidae	L	0-1	31	Hilkenhoff 1995	imm	N	
<i>Cheumatopsyche</i>	L	8x-11	57	"			
<i>Ceratopsyche</i>	L	8x-11	53	"			
<i>C. alternans</i>	L	x-1111	19	Schm., Hib. 1986			
<i>C. macosa bifida form</i>	L	x1	11	"			
<i>Neureclipsis</i>	L	111	3	Hilkenhoff 1995			
Simuliidae	L	11111	7	Coat. Mem 2008	imm	N	
<i>Simulium</i>	L	-	5	Ader et al 2004	imm	N	
<i>S. vittatum</i> species complex	L	-11	7	"			
<i>Simulium</i>	P	111	3	"		N	
<i>Atractodes</i>	A	I	1	Pluchino 1984			
<i>Mesmithida</i>	A	I	1	Pinar 1991	imm		
<i>Naidinae</i>	A	I	1	Brin. Geol. 1991		Y	
<i>Ripiseta parvita</i>	A	I	1	Klemm 1985			
<i>Chironomidae</i>	L	0-1111111111					
<i>Psectropterus</i>	P	-	5	Fern. et al 2008			
<i>Orthocladius</i> 0830000	L	-	5	Cranston 2013	imm	N	
<i>Brillia</i>	L	I	1	Ander + 3 2013	imm		
<i>Tretania discoloripes</i> group	L	-1	6	Bode 1983			
<i>Nanocladius</i>	L	111	3	Ander + 3 2013	imm	N	
<i>N. (Nanocladius)</i>	L	-1	6	"	imm	N	
<i>N. (N.) distinctus</i>	L	I	1	Epler 2001			
<i>N. (N.) spinipennis</i>	L	111	3	"			
<i>Orthocladius (Symptetradius) annularis</i>	L	I	1	"			
<i>Cricotopus/Orthocladius</i>	L	I	1	Fern. et al 2008	imm	N	
<i>Cricotopus (Cricotopus) bicinctus</i> group	L	11	2	Ander + 3 2013			
<i>Chironominae</i> 08330000	L	x1	11	Cranston 2013	imm	N	
<i>Blattellidius</i>	L	I	1	Epler et al 2013			
<i>Polypedilum (Polypedilum) lactum</i> group	L	I	1	Bolton 2012			
<i>P. (Desmedilum) flavum</i>	L	8888-11	217	"			
<i>Zheringia</i>	L	888-1	116	Epler et al 2013			