

Station Summary

Waterbody Name WISCONSIN RIVER		WBIC 1179900	Field Seq no. generated by SWIMS 169824948
SWIMS Station ID 10030784	SWIMS Station Name WISCONSIN RIVER UPSTREAM FROM ORION LANDING		
Field Sample ID (retrieval date) 20180822-53-01	Basin (WMU) LOWER WISCONSIN	Watershed Name MILL AND INDIAN CREEKS	County RICHLAND
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 43.20334	Longitude -90.396	Determination Method	Datum Used

Site Access Details: 1.1 km upstream of Orion boat landing

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) 4 Avg. size (dbh) 12 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Wooded

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/6/2018	8/22/2018	47
Time:	13:30	12:37	
Personnel:	JA/ms	JA/KL	
Water Depth at Location (m):	1.2	1.8	
Sampler Height Above Substrate (m):	0.4		
Bank Placement: R L	Right (upstream)		
Distance From Bank:	5 m		
Water Temp (C):	26.8°C	21.9°C	
Water Color (clear, turbid, stained):	Stained	Stained	
D.O. (mg/L):	8.65 / 108.4%	7.90 / 89.9%	
pH:	8.44	8.33	
Conductivity:	267	237	
Transparency Tube (cm):	40	30	
Turbidity (NTUs):			
Water Velocity (m/s):	0.31	0.40	

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>Lagan Cutler</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>31.3%</i>
Date Processed <i>9/25/19</i>	Specimens Saved <i>10 + 63 + 46 + 84 + 267 + 6 + 21 + 8 = 505</i>	

F3 G-13 J-13 K-14/K-16 | I-17/E-12/F-15 | JS KS LS Total
3hr subsample archived in *2hr* ABL until *1hr* Dec 2022

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Leptobaeus longipalpus</i>	L	-1	6	Kub 2016			N
<i>Caenis hilaris</i>	L	11	2	"			
<i>Maccaffertium</i>	L	x-III 11	22	"	imm	N	
<i>M. terminatum</i>	L	x1	11	"			
<i>Tricoptera</i>	L	1	1	"			
<i>Neurocordulia molesta</i>	L	1	1	Need et al 2000			
Baetidae	L	1	1	Kub 2016	imm	N	
<i>Caenis</i>	L	1	1	"	imm	N	
Trichoptera 04000200	P	11	2	Cran Daly 2008	dam	N	
Hydropsychidae	L	III	4	Hils 1995	imm	N	
Hydropsychidae	P	1	1	Wigg Cur 2008	dam	N	
<i>Cheumatopsyche</i>	L	BB-1	116	Hils 1995		N	
<i>Cheumatopsyche</i>	P	-III	8	Ruther 1985			
<i>Hydropsyche</i>	L	0-III	29	Hils 1995	imm	n=14	
<i>Hydropsyche</i>	P	11	2	Ruther 1985		N	
<i>H. orris</i>	L	BB-III	69	Schm Hils 1986			
<i>Potamyia flava</i>	L	80	60	Hils 1995			
<i>Potamyia</i>	P	-1	6	"		N	
Leptoceridae	P	1	1	Wigg Cur 2008		N	
<i>Nectopsyche</i>	L	1	1	Hils 1995			
Polycentropodidae	P	1	1	Wigg Cur 2008		N	
<i>Cynellus fraternus</i>	L	11	2	Hils 1995			
<i>Neurocordulia molesta</i>	L	11	2	Need et al 2000			
Stenelmis	L	1	1	Hils Schm 1992			
<i>Hemerodromia</i>	L	-1	6	Cout Merr 2008			
Empididae	P	1	1	Merr Webb 2008		N	
Simulium	L	1	1	Adl et al 2004	imm	N	
<i>Simulium</i>	P	11	2	"			
Chironomidae 08330002	P	III	3	Fen et al 2008	dam	N	
<i>Rhyotanytarsus</i>	P	III	3	"			
<i>Paratanytarsus</i>	P	1	1	"			
<i>Hexatoma</i>	L	1	1	Hils 1995			
mermithidae	A	11	2	Thorp Rog 2016			
Dugesidae	A	0-III	24	"			
Hydridae	A	1	1	"			
Plumatella	A	1	1	Pennak 1978			
Naidera Naiderae	A	x-11	17	Bornfeld 1991			V
Split A2a Chironomidae	L	BB-III					
Split A2b Chironomidae	L	0-11					

