

Non-Wadeable Macroinvertebrate Field Data Report

Station Summary

Waterbody Name KICKAPOO RIVER		WBIC 1182400	Field Seq no. generated by SWIMS 169825001
SWIMS Station ID 123017	SWIMS Station Name KICKAPOO RIVER AT BRIDGE ST IN STEUBEN		
Field Sample ID (retrieval date) 20180822-12-01	Basin (WMU) LOWER WISCONSIN	Watershed Name LOWER KICKAPOO RIVER	County CRAWFORD
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 43.182747	Longitude -90.8594	Determination Method	Datum Used

Site Access Details: 100 m upstream of Steuben boat ramp

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

Riparian Land Use, Vegetation, and Condition: Left - pasture / lowland / forest / meadow ; Right - lowland / forest / Undisturbed meadow / shrubs

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/6/2018	08/22/2018	47
Time:	11:30	10:22	
Personnel:	ms / ga	ga / KL	
Water Depth at Location (m):	1.08	1.20	
Sampler Height Above Substrate (m):	0.56		
Bank Placement: R L	Right (Upstream)		
Distance From Bank:	1.5 m		
Water Temp (C):	22.8	18.0	
Water Color (clear, turbid, stained):		Turbid	
D.O. (mg/L):	8.38	8.33	
pH:	8.23	8.24	
Conductivity:	477	469	
Transparency Tube (cm):	20	30	
Turbidity (NTUs):			
Water Velocity (m/s):	0.20	0.28	

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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>Savanna Erickson</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>100%</i>
Date Processed <i>9-24-2019</i>	Specimens Saved <i>Subsample archived in MBZ until Dec 2020</i>	

$\frac{Q_4}{Q_1 = 32 = 99}$ $\frac{Q_3}{122}$ $\frac{Q_2}{96}$ $\frac{Q_1}{60}$ $\frac{\text{Total}}{377}$

Rec = 67

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Acroneuria abnormis</i>	L	x	10	Hitchcock 1974			N
<i>Pteronareys</i>	L	III	8	Hils 1995	imm		
<i>Caenis</i>	L	I	1	Kub 2016	dam	N	
<i>C. hilaris</i>	L	I	5	"			
Heptageniidae	L	"	2	"	dam/imm	N	
<i>Heptagenia flavescens</i>	L	II	2	"			
<i>Macaferetium</i>	L	8x	55	"	imm	N	
<i>M. exiguum</i>	L	I	1	"			
<i>Stenacron</i>	L	III	4	"	imm		
<i>Tricoetodes</i>	L	III	4	"			
<i>Isonychia</i>	L	"	2	"	imm		
<i>Brachycentrus numerosus</i>	L	8-II	47	Hils 1985			
<i>Trichoptera 0400200</i>	P	I	1	Cran Daly 2008	dam	N	
<i>Cheumatopsyche</i>	L	8B1	121	Hils 1995			
<i>Cheumatopsyche</i>	P	-II	7	Rutherford 1985			
<i>Hydropsyche</i>	L	III	4	Hils 1995	imm	N	
<i>H. similans</i>	L	"	2	Schm Hils 1986			
<i>Triaenodes</i>	L	I	1	Hils 1995	imm		
<i>Neureclipsis</i>	L	"	2	"			
<i>Dubirapha</i>	L	I	1	Hils Schm 1992			
<i>Macronychus glabratus</i>	L	III	3	"			
<i>Atherix variegata</i>	L	-	5	Hils 1995			
<i>Simulium</i>	L	III	4	Adler et al 2004	imm	N	
<i>S. jenningsi</i>	L	I	1	"			
<i>Polypedium</i>	P	I	1	Ferretal 2008		N	
Dugesidae	A	III	23	Thorp Bog 2016			
Tubificinae (without hairs)	A	II	2	Klemin 1985			↓
Spit A2 Chironomidae	L	TJJD					
<i>Tanyptera 0820000</i>	L	I	1	Cranston 2013	imm	N	N
<i>Thienemannimyia</i> group	L	III	3	Cran Epl 2013	imm		
<i>Orthocladius</i> (<i>Orthocladius</i>)	L	I	1	And + 3 2013			
<i>Rheocricotopus</i>	L	III	3	"			
<i>Paralutetibaromyia nigrohalterata</i>	L	III	4	Epl et al 2013			
<i>Phaenopsectra obediens</i>	L	I	5	Bolton 2012			
<i>Polypedium</i> (<i>Polypedium</i>) <i>fallax</i> group	L	II	21	"			
<i>P. (Tropodura) scabra</i> group	L	I	5	"			
<i>P. (Lesipedium) flavum</i>	L	I	1	"			
<i>Rheotanytarsus</i>	L	I	1	Epl et al 2013			
<i>Stempellinella</i>	L	I	1	"			↓

