

Station Summary

Waterbody Name ROOT RIVER		WBIC 2900	Field Seq no. generated by SWIMS 255341691
SWIMS Station ID 10040588	SWIMS Station Name ROOT RIVER AT GOLF COURSE BRIDGE (SITE ID #1)		
Field Sample ID (retrieval date) 20200924-52-01	Basin (WMU) SOUTHEAST	Watershed Name ROOT RIVER	County RACINE
Project Name LARGE RIVERS MONITORING			

Latitude 42.72168 (42.72223)	Longitude -87.807816 (-87.80746)	Determination Method GPS	Datum Used NAD83-84
---------------------------------	-------------------------------------	-----------------------------	------------------------

Site Access Details: DS Island Park. Tied to tree. 130 - w3 golf course bridge

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

Riparian Land Use, Vegetation, and Condition: Developed.

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/29/2020	09/24/2020	58
Time:	1430	1100	
Personnel:	Helker, Schmitz	Helker, Schmitz	
Water Depth at Location (m):	~1.5	~1.5	
Sampler Height Above Substrate (m):	~5	~5	
Bank Placement: R <u>(L)</u>			
Distance From Bank:	10	10	
Water Temp (C):			
Water Color (clear, turbid, stained):	Clear	Clear	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	~0.0	~0.0	

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-138 (R 10/11)

Page 2 of 2

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:

Deployment location in () - Different than second point.

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Raatz, Trevor	Dimick, Jeffrey	56.25%
Date Processed	Specimens Saved	
10/26/2021	Subsample archived in ABL until Nov 2024	

FS:11
 B3:16:27
 A5:11:38

C3:12:50
 B7:20:70
 F8:20:40

DEFG 1-8: 241 + 176: 417: 507
 w/o FS, F8

507

River Macroinvertebrate IBI Sampling Notes

River: Root River Station: Root River @ Golf Course Bridge

Sample ID (YYMMDD-CC-FF): 20200924-52-01 SWIMS no.: 10040588

Deployment: Date: 07/29/2020 Personnel: Craig Helker, Amanda Schmitz

Retrieval: Date: 09/24/2020 Personnel: Craig Helker, Amanda Schmitz

Lat: 42.72223 Long: -87.80746 Deployment: riverbed snag

Time: 1430 Temp. _____ °C D.O. _____ Cond _____

Secchi _____ mm Turbidity _____ ntu Water Velocity: ~0.01 m/s²

Sampler location & deployment notes: Bank: R (L) Dist. from bank 10 m

DS Island Park. Tied to tree. 130 m us golf course bridge.

Habitat:

Substrate %: boulder _____, cobble _____, gravel _____, sand _____, silt 100, clay _____.

Snags: no./ 100m _____, Avg. size _____ dbh. Deciduous _____ Coniferous

Riparian land use, vegetation, and condition Developed

Water depth at sampler location: At deployment ~1.5 m. At retrieval ~1.5 m.

Sampler height above substrate .5 m.

Retrieval notes: None

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Caenis latipennis	L	011		Klob 2016			N
Stenonema	L	01		MCB 2019	imm	N	
S. interperctatum	L	11		Klob 2016			
Heptageniidae	L	1		MCB 2019	dam	N	
Argia	L	11		"	imm		
Cheumatopsyche	L	1		"			
Polycentropodidae	L	1		"	imm	N	
Cynellus fraternus	L	11		"			
Anaxyrus variegatus	L	111		Hilschm 1992			
Parakiefferiella	P	1		MCB 2019			
Amphipoda	A	1		Thorp Bog 2016	dam		
Cyclopidae	A	1		"			
Colicoides	L	1		Wols 1995			
Caesapex fuscus	A	1		Thorp Bog 2016			
Bezzia/Palpmysia	L	1		Hils 1995			
Nanocladius (Nanocladius)	P	1		MCB 2019		N	↓
Split A2a Chironomidae	L	8x111					
Split A2b Chironomidae	L	8x111					
Split A2c Chironomidae	L	8x111					
Split A2d Chironomidae	L	8x111					
Split A2e Chironomidae	L	0111 111					
Split A2 warm	A	2x1111					
Corynoneura	L	1111	9	And et al 2013	at least dam/imm	N	
Chironominae	L	111	4	"			
Cryptochironomus	L	1	1	"			
Dicrotendipes	L	0000	140	"			
Clypeotendipes	L	0001	91	"			
Stenochironomus	L	111	3	"			
Tanytarsinae	L	1	1	"	imm	N	
Ablabesmyia (Ablabesmyia)	L	8-11	37	"			
Conchapelopia	L	11	2	"			
Labrundinia pilosella	L	1	1	Bolton 2012			
Procladius	L	1	1	And et al 2013	imm		
Zarembkomyia	L	1	1	"			
Cricotopus	L	111	3	"			
Nanocladius (Nanocladius)	L	01	31	"	no med imm	N	
N. (N.) distinctus	L	1111	13	Bolton 2012			
Parakiefferiella	L	x	10	And et al 2013		N	
Harnischia	L	11	2	"			↓

