

Station Summary

Waterbody Name BLACK RIVER		WBIC 1676700	Field Seq no. generated by SWIMS 207079574
SWIMS Station ID 10030973	SWIMS Station Name BLACK RIVER -- HALLS CREEK CANOE LANDING		
Field Sample ID (retrieval date) 20190828-27-01	Basin (WMU) BLACK RIVER	Watershed Name HALLS CREEK	County JACKSON
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 44.358696	Longitude -90.78451	Determination Method Garmin	Datum Used WGS84

Site Access Details: sand flat at canoe launch, difficult to launch boat

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) _____
 Number of Plates 9
 Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

Suspended River Bed

Snags (no./100m) 0 Avg. size (dbh) N/A Coniferous and/or Deciduous (circle) N/A

Riparian Land Use, Vegetation, and Condition: Woodland

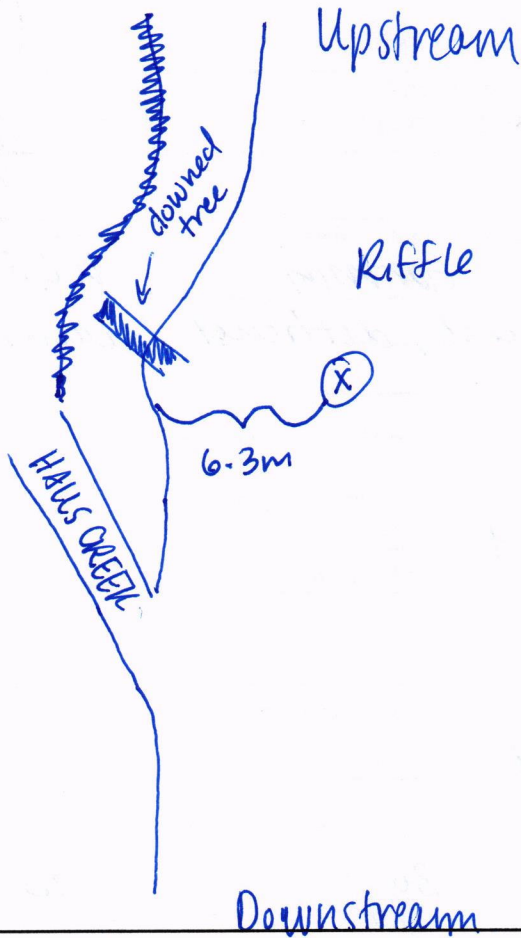
Substrate Composition

Bedrock _____ % Boulder 50 % Cobble 30 % Gravel 20 %
 Sand _____ % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/16/2019	08/28/2019	366
Time:	1045	1244	
Personnel:	JA, CB, KK	CB, CB	
Water Depth at Location (m):	0.56	0.56	
Sampler Height Above Substrate (m):	0.3	0.3	
Bank Placement: R L	Left	Left	
Distance From Bank:	6.3	0.2 m	
Water Temp (C):	25.1	19.9	
Water Color (clear, turbid, stained):	stained	stained	
D.O. (mg/L):	7.28	8.77	
pH:	-	-	
Conductivity:	-	-	
Transparency Tube (cm):	68	102	
Turbidity (NTUs):	-	-	
Water Velocity (m/s):	0.26	0.09	

Draw Map:



(X) = hester dandy location

Roughly 30 m upstream of mouth of Halls creek

Ethanol replaced the second day?

Yes No

Label on inside of jar?

Yes No

Label on outside of jar?

Yes No

Additional Notes:

When hester dandy was retrieved the cinder block was laying on its side with the hester dandy samplers faced downstream

For Lab Use Only

Sample Sorter	Raatz, Trevor	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	37.75%
Date Processed	11/20/2020	Specimens Saved	526 subsample archived in ABL into 1 jar Jan 2024		

33.4%
41.5%

248

C7: 40 A1: 21: 127 H2: 33: 201 A2: 13: 230 D4: 16: 291 E5: 45 } 134.465 1/16 of rem 66.4%: 61: 526
 D1: 33: 73 B4: 27: 154 D4: 16: 217 E3: 30: 260 F3: 20: 311 F4: F7 }
 G5: 33: 106 F8: 14: 168 F5: 15: 275 B1: 20: 331 B5: B8 }
 G2

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Ephemeroptera	L	1	1	Merrittum B 2019	imm	N	N
Acentrella parvula	L	1	1	Klub 2016			
Caenis	L III		3	Merrittum B 2019	dam	N	
C. anceps	L >I		6	Klub 2016			
C. punctata	L I		1	"			
Teloganopsis deficiens	L XI		11	"			
Heptageniidae	L II		2	Merrittum B 2019	imm	N	
Maccaffertium	L 8u		42	Klub 2016	imm	N	
M. exiguum	L I		1	"			
M. mediopunctatum	L II		2	"			
Stenacron	L II		2	Merrittum B 2019	imm		
Isonychia	L II		2	"	imm		
Leptonklesiidae	L XII		12	"	imm		
Plecoptera	L I		1	"	imm	N	
Paragnetina media	L I		1	Hils 1995			
Ceratopsyche alternans	L I		1	Schm Hils 1986			
Cheumatopsyche	L I		1	Merrittum B 2019			
Hydropsyche	L II		2	Hils 1995	imm		
Oecetis	L I		1	Merrittum B 2019	imm		
Philopotamidae	L I		5	"	imm	N	
Chimarra obscura	L -IV		8	Hils 1982			
Sialis	L I		1	Merrittum B 2019			
Optioservus	L II		3	"	imm		
Stenelmis	L 8u		72	"		N	
S. crenata	A II		2	Hils Schm 1992			
Atherix variegata	L -II		7	Hils 1995			
Polypetillum	P III		5	Merrittum B 2019		N	
Hemerochromia	L IIII		7	"			
Hexatoma	L I		1	"			
Cricotopus (Cricotopus)	P I		1	Wieder 1986			
Dugesiiidae	A -IV		8	Thorp Reg 2016			
Trembiciformes	A I		1	"	dam		
Split Aza Chironomidae	L 8u-10						
Split Azb Chironomidae	L 8u-10						
Split Azc Chironomidae	L 8u-10						
Split Aza worms	A 8u-10						
Split Azb worms	A 8u-10						
Split Azc worms	A 8u-10						
Lumbriculus	A I		5	Thorp Reg 2016			N

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Corynoeura	L	2-III	28	And et al 2013			N
Thienemanniella	L	II	2850	"	dam/imm	N	
Cryptochironomus	L	I	1	"			
Procladius	L	-I	6	"			
Stenochironomus	L	-II	7	"			
Tanypterus 0827000	L	I	1	"	imm	N	
Ablabesmyia (Ablabesmyia)	L	I	1	"	imm		
Conchapelopia	L	III	3	"			
Nilotanyptus	L	I	1	"	imm	N	
N. fimbriatus	L	I	1	Bolton 2012			
Pentaneura	L	I	1	And et al 2013	dam		
Thienemannimyia	L	-II	7	"			
Thienemannimyia complex group	L	-III	9	"	imm		
Eukiefferiella	L	I	1	"	dam		
Orthocladius (Orthocladius)	L	II	2	"			
Parakiefferiella	L	II	2	"			
Rheocricotopus	L	III	3	"			
Thienemanniella similis	L	III	4	Bolton 2012			
Microtendipes pedellus group	L	I	1	And et al 2013			
Phaenopsectra obediens	L	III	4	Bolton 2012			
P. punctipes	L	I	1	"			
P. obediens group	L	I	1	Epler 2001	imm	N	
Polypedilum	L	-I	6	And et al 2013	mt indet/dam/imm	N	
P. (Polypedilum) fallax group	L	0-III	28	Bolton 2012			
P. (P.) illindense group	L	I	1	"			
P. (P.) laetum group	L	I	5	"			
P. (Tropodura) halterale group	L	-III	8	"			
P. (T.) scalenum group	L	X-II	17	"			
P. (Uresipedilum) flavum	L	X-III	19	"			
Stictochironomus	L	I	1	And et al 2013			
Tanytarsus	L	-I	6	"			↓
Naididae	A	X-I	16	Kath Brin 1998	dam	N	N
Dero	A	I	1	"	mt indet		
Nais	A	II	2	"	dam	N	
N. alpina	A	I	1	"			
N. barbata	A	II	2	"			
N. hirtschneri	A	-	5	"			
N. pardalis	A	III	4	"			
N. variabilis	A	-III	9	"			↓

