

Station Summary

Waterbody Name PLATTE RIVER	WBIC 943600	Field Seq no. generated by SWIMS 332792491
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SWIMS Station ID	SWIMS Station Name
10051277	SHORELINE OF PLATTE RIVER 200M EAST OF KELLY LANE

Field Sample ID (retrieval date)	Basin (WMU)	Watershed Name	County
20220915-22-01	GRANT - PLATTE	PLATTE RIVER	GRANT

Project Name	PLATTE RIVER HUC10 (LOWER HALF) TWA 2022
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Latitude 42.65913 42.65116	Longitude -90.64053 -90.64069	Determination Method Garmin	Datum Used WGS 84
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Site Access Details: Very few options for development, set on crook of a box elder tree

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) <1 Avg. size (dbh) _____ Coniferous and/or Deciduous (circle) _____

Riparian Land Use, Vegetation, and Condition:

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble _____ % Gravel _____ %
Sand 10 % Silt 20 % Clay 70 % Muck _____ %
Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/22/2022	09/15/2022	55
Time:	1335	1050	
Personnel:	Bruhn/Kuber	Bruhn/Kuber	
Water Depth at Location (m):	1.04	1.1	
Sampler Height Above Substrate (m):	0.64	0.70	
Bank Placement: R L	Left	Left	
Distance From Bank:	2 m	2 m	
Water Temp (C):	24.1	18.08	
Water Color (clear, turbid, stained):	turbid	turbid	
D.O. (mg/L):	6.56 mg/L / 78.5%	7.93 mg/L / 84.1%	
pH:	8.17	7.91	
Conductivity:	614	620	
Transparency Tube (cm):	40	did not measure	
Turbidity (NTUs):	-	-	
Water Velocity (m/s):	0.10	0.13	

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:

A4, F4, A1, C5, H3, E3, E8, F8, E4: 117 H2, C2, B7, B1, E6, G4, G2: 64 Sort 2: B4: 39 529
F8: 14 F4: 28 C2: 29 B7: 29 E6: 29 G4: 29 G2: 29 A2: 37

For Lab Use Only

Sample Sorter	Raymer, Blake	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	71.9%
Date Processed	2/7/23	Specimens Saved	Subsample 529 archived in ABC until May 20 26		

F7: 14 G3: 28 C6: 29 H5: B2, G1, B4, G6, E5, D5, C8, D6: 117 F3, G8, A7, D3, G2, A8, D2, G4, B6: 70
B8: 14 D4: 28 A2: 37 117 68: 29 45 QC
LS: Achromidae, 2 trichoptera

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Heptageniidae	L	2-III	8	MCB 2019	dam/imm	N	N
Macraetertum	L	8-III	39	Kleb 2016	imm	N	
M. exiguum	L	I	1	"			
M. medispinetatum	L	III	3	"			
M. terminatum	L	III	3	"			
Stenacron	L	X	10	MCB 2019	imm		
Tricorythodes	L	II	7	"			
Argia	L	II	2	"	imm		
Corixidae	A	II	2	"	imm		
Cheumatopsyche	L	I	5	"			
Polycentropodidae	L	III	4	"	dam/imm	N	
Cyrtellus fraternus	L	8-III	69	"			
Neureclipsis	L	I	5	"			
Macronychus glabratus L. Z. A, ZI	LA	2-III	29	Hils 1995			
Stenelmis decorata	A	I	1	Hils Schm 1992			
S. grossa	A	II	2	"			
Cuticoides	L	I	1	Hils 1995			
Mallochobolea	L	I	1	"			
Probezzia	L	I	1	"			
Dicromtendipes	P	I	1	MCB 2019		N	
Paratanybarsus	P	I	1	"			
Polypedilum	P	II	2	"		Z	
Rhytanybarsus	P	II	7	"		Z	
Tanybarsus	P	I	1	"		Z	
Dugesidae	A	I	1	Thorp Bog 2016			
Placobdella mantifera	A	XI	11	"			✓
Split Aza Chironomidae	L	Bx III					
Split Azb Chironomidae	L	Bx III					
Split Azc Chironomidae	L	Bx III					
Split Azd Chironomidae	L	Bx III					
Split Aze Chironomidae	L	III III					
Split Az warm	A	4-III					
Dicromtendipes	L	XIII	14	Anderson et al 2013			N
Glyptotendipes	L	Bx I	51	"			
Keritendipes pedellus group	L	III	3	"			
Rhytanybarsus	L	Bx III	58	"			
Stenochironomus	L	II	7	"			
Ablabesmyia (Ablabesmyia)	L	II	7	"	1mm	N	
A-(A) mallechi	L	XIII	14	Bolton 2012			✓

[illegible]