

2023 Rush River Macroinvertebrate Monitoring, Preliminary Results from 5 of 16 sites, Courtesy of Carl Nelson

Wisconsin: Pierce County	Morgan Coulee	Morgan Coulee	Rush River	Rush River	Rush River
	Cr.	Cr.	385th St.	Hwy 10	450th Ave.
	385th St.	200th St.	385th St.	Hwy 10	450th Ave.
Taxa List	9/21/23	9/21/23	9/29/23	9/29/23	9/29/23
	Number	Number	Number	Number	Number
EPHEMEROPTERA (mayflies)					
Baetidae					
<i>Acentrella turbida</i>			5		6
<i>Baetis brunneicolor</i>	17	38	3	2	
<i>Baetis flavistriga</i> group		3	70	5	34
<i>Baetis tricaudatus</i>	2	16	1	1	2
<i>Isxaeon anoka</i>				5	
Ephemerellidae					
<i>Ephemerella</i> (too immature)			8	11	26
<i>Teloganopsis deficiens</i>			1	7	44
Heptageniidae (too immature)					
<i>Maccaffertium</i> (too immature)				3	
<i>Maccaffertium mediopunctatum</i>			2		
<i>Stenonema vicarium</i>					4
Leptohyphidae					
<i>Tricorythodes</i>				1	
PLECOPTERA (stoneflies)					
Perlidae					
<i>Paragnetina media</i>				1	
Perlodidae					
<i>Isoperla</i> (too immature)				3	1
Taeniopterygidae					
<i>Taeniopteryx</i>			1		
TRICHOPTERA (caddisflies)					
Brachycentridae					
<i>Brachycentrus occidentalis</i>	5	4		1	
Glossosomatidae					
<i>Glossosoma intermedium</i>	24	4			
<i>Proptila</i>			2	4	22
Hydropsychidae					
<i>Ceratopsyche alhedra</i>	1		1	35	12
<i>Ceratopsyche bronta</i>	1		2	12	9
<i>Ceratopsyche morosa bifida</i>				11	9
<i>Ceratopsyche slossonae</i>	23	21			

<i>Cheumatopsyche</i>	1	6	2	5	8
<i>Hydropsyche betteni</i>	1			1	
Lepidostomatidae					
<i>Lepidostoma</i>		4			
Limnephilidae (too immature)		3			
<i>Hesperophylax designatus</i>		1			
<i>Limnephilus indivisus</i>	1				
Psychomyiidae					
<i>Psychomyia flavida</i>				1	4
COLEOPTERA (beetles)					
Dryopidae					
<i>Helichus striatus</i>	2	5		1	
Elmidae					
<i>Optioservus fastiditus</i>	65	10	3	134	62
<i>Optioservus trivittatus</i>					
<i>Stenelmis (larvae)</i>					1
HEMIPTERA (true bugs)					
Belostomatidae					
<i>Belostoma flumineum</i>	1				
Corixidae					
<i>Sigara trilineata</i>			25		
DIPTERA (flies)					
Athericidae					
<i>Atherix variegata</i>				4	
Ceratopogonidae					
Ceratopogoninae		5			
Chironomidae					
<i>Chaetocladius</i>		1			
<i>Chironomus</i>			7		
<i>Cladotanytarsus</i>			5	4	
<i>Conchapelopia</i>		1	1		
<i>Corynoneura</i>			1		
<i>Cricotopus</i>			1		
<i>Cricotopus trifascia</i>					4
<i>Dicrotendipes</i>			2		
<i>Eukiefferiella (too immature)</i>				2	
<i>Eukiefferiella devonica group</i>				2	
<i>Eukiefferiella gracei group</i>					1
<i>Limnophyes</i>		1			
<i>Micropsectra</i>			1		
<i>Microtendipes pedellus group</i>			3		4

<i>Orthocladius</i>			3		
<i>Paracladopelma</i>			1		
<i>Parachaetocladius</i>		7	1		
<i>Paramerina</i>		1			
<i>Parametriocnemus</i>	1	1	1		
<i>Paratanytarsus longistilus</i>	1				
<i>Rheotanytarsus</i>	1		2	2	
<i>Stictochironomus</i>			19		
<i>Sublettea coffmani</i>				1	
<i>Synorthocladius semivirans</i>	1				
<i>Tanytarsus</i>		10	6		
<i>Thienemanniella</i>					1
<i>Trissopelopia ogemawi</i>					
<i>Tvetenia paucunca</i>	6			4	3
<i>Tvetenia tshernovskii</i>				1	
Dixidae					
<i>Dixa</i>	1				
Empididae					
<i>Neoplasta</i>	2				
Simuliidae					
<i>Simulium (damaged)</i>					1
<i>Simulium tuberosum group</i>	3	6		1	
<i>Simulium vittatum group</i>	1	8	4	2	
Tabanidae					
<i>Chrysops</i>		1			
Tipulidae					
<i>Antocha</i>					1
<i>Dicranota</i>	4	5			
<i>Eloeophila (=Limnophila)</i>		3			
<i>Gonomyia/Idiocera/Ellipteroides</i>	1				
<i>Pilaria</i>			1		
<i>Tipula</i>	1				
AMPHIPODA (scuds)					
Gammaridae					
<i>Gammarus pseudolimnaeus</i>	104	15	13	6	6
HYDRADCHNIDA (mites)					
<i>Aturus</i>		1			
<i>Hygrobates</i>		14	3	14	
<i>Lebertia</i>		5			
<i>Sperchon</i>	3	9	1	7	1
CNIDARIA					

<i>Hydra</i>		2			
OLIGOCHAETA (worms)					
Enchytraeidae		7			
Naididae					
Tubificinae immature without hairs		4	23		
Tubificinae immature with hairs			5		
<i>Ilyodrilus templetoni</i>			1		
<i>Nais behningi</i>			2	1	
<i>Nais bretscheri</i>	12	1	2	1	2
<i>Nais communis</i>		2	12		
<i>Nais pardalis</i>				2	
<i>Ophidonais serpentina</i>	3				
<i>Pristina leidyi</i>			2		
HIRUDINEA (leeches)					
Erpobdellidae					
<i>Erpobdella parva</i>					1
TURBELLARIA (flatworms)	3			1	
NEMERTEA - Prostoma (proboscis worm)				4	
GASTROPODA (snails)					
Physidae					
<i>Physa</i>	5	48	2		1
BIVALVIA (fingernail clams)					
Sphaeriidae					
<i>Pisidium</i>			1		
total number of specimens	297	273	252	296	270
IBI Value	6.943	7.53	4.687	5.149	7.38
HBI Value	3.621	3.749	5.174	3.914	3.259
FBI Value	3.699	4.274	4.858	3.94	3.066
EPT Taxa Richness	10	10	12	18	13
Total Taxa Richness	31	36	42*	38	27

Taxa highlighted in red represent large/rare specimens. They are included in the calculations of metrics because the SWIMS program does not treat them differently.