



**GADNR/EPD MACROINVERTEBRATE LEAST IMPACTED DATA
RIDGE AND VALLEY (67)**

Southern Limestone/Dolomite Valleys & Low Rolling Hills and Southern Disected Ridges & Knobs - 67f&i Data

(67) Ridge and Valley

67f&i - Southern Limestone/Dolomite Valleys & Low Rolling Hills and Southern Disected Ridges & Knobs - Least Impacted Streams

Waterbody Name	County	Basin Name	Huc 8	Collection Date
<i>Reference Site 1</i>	Walker	Coosa	03150105	02/18/2001
<i>Reference Site 2</i>	Chattooga	Coosa	03150105	02/04/2001
<i>Reference Site 3</i>	Polk	Coosa	03150105	10/12/2002



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Waterbody Name	Index Score	
<i>Reference Site 1</i>	85	
<i>Reference Site 2</i>	76	
<i>Reference Site 3</i>	73	



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		Sample Number		
		Reference Site 1	Reference Site 2	Reference Site 3
Parameters	Chemical Units			
Air Temperature	°C	5	15	18.3
Conductivity	mS/cm	0.1307	0.196	0.219
Dissolved Oxygen	%	99.6		86.4
Dissolved Oxygen	mg/l	11.33	11.05	8.24
pH	SU	7.36	7.44	7.65
Turbidity	NTU	21.1	0	0
Water Temperature	°C	9.72	9.63	16.71
Depth	m	0.2	0.2	0.2
Ammonia	mg/l as N	0.036	BD	0.063
Copper	mg/l	BD	BD	BD
Manganese	mg/l	BD	BD	0.019
Nitrate-Nitrite	mg/l as N	0.141	0.233	0.08
Total Phosphorus	mg/l as P	BD	BD	BD
Zinc	mg/l	BD	BD	0.02
Iron	mg/l	BD	BD	0.068
Alkalinity	mg/L as CaCO ₃	40.42	95.79	101.55
Hardness	mg/L as CaCO ₃	64.42	103.81	89.53

BD = Below Detection



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	Sample Number		
Particle %	Reference Site 1	Reference Site 2	Reference Site 3
Silt/Clay	0.00	0.97	8.08
Sand	3.03	13.59	14.14
Gravel	63.64	61.17	52.53
Cobble	25.25	9.71	23.23
Boulder	4.04	0.00	2.02
Bedrock	4.04	14.56	0.00



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Habitat Parameters	Sample Number		
	Reference Site 1	Reference Site 2	Reference Site 3
Epifaunal Substrate/Available Cover	18	13	17
Embeddedness	16	13	
Velocity/Depth Regime	15	9	
Pool Substrate Characterization			17
Pool Variability			18
Sediment Deposition	14	10	16
Channel Flow Status	18	14	19
Channel Alteration	18	13	
Frequency of Riffles (or bends)	18	13	13
Channel Sinuosity			11
Bank Stability (Left Bank)	8	6	10
Bank Stability (Right Bank)	8	6	8
Vegetative Protection (Left Bank)	9	6	7
Vegetative Protection (Right Bank)	9	6	6
Riparian Vegetative Zone Width (Left Bank)	10	5	5
Riparian Vegetative Zone Width (Right Bank)	9	4	5
Total Habitat Score	170	118*	152

* This score is a little low and probably should not be used as reference comparison for habiatat assessment.

67f&i Least Impacted Data - Least Impacted - Site 1 Taxa Results											
ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	TCR	STAGE	GATV	NCT	FFG	Habit
				Oligochaeta	2	1		8.28		(Macro) Gather/Collector	(Macro) Unidentified
Neotaenioglossa	Pleuroceridae			Elimia	2	1		2.5	2.5	(Macro) Scraper	(Macro) Unidentified
Neotaenioglossa	Pleuroceridae			Pleurocera	1	1		3.7		(Macro) Unidentified	(Macro) Unidentified
Amphipoda	Hyalellidae			Hyalella azteca	1	1		7.9	7.9	(Macro) Gather/Collector	(Macro) Unidentified
Isopoda	Asellidae			Lirceus	7	1		7.7	7.7	(Macro) Gather/Collector	(Macro) Unidentified
Isopoda	Asellidae			Caecidotea	2	1		6		(Macro) Gather/Collector	(Macro) Unidentified
Plecoptera	Capniidae	Capniinae		Allocapnia	43	1		2.8	2.8	(Macro) Shredder	(Macro) Sprawler
Plecoptera	Taeniopterygidae	Brachypteryinae		Oemopteryx complex	16	1		4		(Macro) Unidentified	(Macro) Sprawler
Plecoptera	Taeniopterygidae	Taeniopteryginae		Taeniopteryx	4	1		6.3	6.3	(Macro) Shredder	(Macro) Unidentified
Plecoptera	Nemouridae	Amphinemurinae		Amphinemura delosa	5	2		3.4		(Macro) Shredder	(Macro) Sprawler
Plecoptera	Perlodidae	Isoperlinae		Isoperla	6	1		2.3		(Macro) Predator	(Macro) Unidentified
Plecoptera	Perlodidae	Perlodini		Yugus arinus	2	1		0	0	(Macro) Predator	(Macro) Clinger
Megaloptera	Corydalidae			Nigronia serricornis	5	1		5.5	5.5	(Macro) Predator	(Macro) Clinger
Coleoptera	Elmidae			Stenelmis	2	1	Adult	5.4	5.4	(Macro) Scraper	(Macro) Clinger
Coleoptera	Elmidae			Stenelmis	1	1	Larva	5.4	5.4	(Macro) Scraper	(Macro) Clinger
Coleoptera	Elmidae			Macronychus glabratus	1	1	Larva	4.7	4.7	(Macro) Omnivore	(Macro) Clinger
Coleoptera	Dryopidae			Helichus	1	1	Larva	5.4	5.4	(Macro) Shredder	(Macro) Clinger
Diptera	Stratiomyidae			Stratiomyidae	1	2		7		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Cricotopus	1	1		8.12		(Macro) Shredder	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Orthocladus	3	1		5.88		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Orthocladus robacki	11	1		7.2	7.2	(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Parakiefferiella B	1	1		5.9		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella	1	1		6	6	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella xena	2	1		6		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella boltoni	1	1		6		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Paraphaenocladus pusillus	1	1		4		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Diplocladius cultriger	1	1		7.7	7.7	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Hudsonimyia	3	3		6.7		(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Thienemannimyia group	2	1		6		(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Ablabesmyia mallochi	2	1		7.6	7.6	(Macro) Omnivore	(Macro) Sprawler
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus	1	1		7.7	7.7	(Macro) Gather/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Chironomini	Microtendipes	2	1		6.2	6.2	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum aviceps	1	1		4	4	(Macro) Unidentified	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Dicrotendipes	1	1		7.9	7.9	(Macro) Gather/Collector	(Macro) Burrower
Diptera	Chironomidae	Chironominae	Chironomini	Xestochironomus	1	1		6.72		(Macro) Omnivore	(Macro) Unidentified
Diptera	Simuliidae	Simuliinae	Prosimuliini	Prosimulium	40	1		2.6	2.6	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Simuliidae	Simuliinae	Simuliini	Simulium	14	1		4.4	4.4	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Ceratopogonidae	Dasyheleinae		Dasyhelea	1	1		6.65		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Tipulidae			Tipulidae	1	1		5.83		(Macro) Shredder	(Macro) Burrower
Diptera	Tipulidae	Tipulinae		Tipula	3	1		7.7	7.7	(Macro) Shredder	(Macro) Burrower
Trichoptera	Hydropsychidae	Hydropsychinae		Cheumatopsyche	1	1		6.6	6.6	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Polycentropodidae	Polycentropodinae		Polycentropus	4	1		3.5	3.5	(Macro) Predator	(Macro) Clinger

ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	TCR	STAGE	GATV	V	FFG	Habit
Trichoptera	Stenophylacini			Pycnopsyche	9	1		2.3	2.3	(Macro) Shredder	(Macro) Unidentified
Trichoptera	Glossosomatidae	Agapetinae		Agapetus	6	1		0	0	(Macro) Scraper	(Macro) Unidentified
Ephemeroptera	Ephemerellidae			Eurylophella doris complex	4	1		2.98		(Macro) Gather/Collector	(Macro) Unidentified
Ephemeroptera	Caenoidea			Caenis	2	1		7.6	7.6	(Macro) Gather/Collector	(Macro) Sprawler
Ephemeroptera	Baetidae			Pseudocloeon	15	1		4.4	4.4	(Macro) Scraper	(Macro) Unidentified
Ephemeroptera	Heptageniidae			Stenonema femoratum	3	1		7.5	7.5	(Macro) Unidentified	(Macro) Clinger

67f&i Least Impacted Data - Least Impacted - Site 2 Taxa Results

ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	STAGE	TCR	GATV	NCTV	FFG	HABIT
				Oligochaeta	1		1	8.28		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Brillia flavifrons	2		1	5.2		(Macro) Shredder	(Macro) Burrower
Veneroida	Corbiculidae			Corbicula fluminea	1		1	6.3	6.3	(Macro) Filterer/Collector	(Macro) Unidentified
Basommatophora	Physidae			Physa	2		1	8		(Macro) Scraper	(Macro) Unidentified
Neotaenioglossa	Pleuroceridae			Elimia	43		1	2.5	2.5	(Macro) Scraper	(Macro) Unidentified
Decapoda	Cambaridae	Cambarinae		Cambarus	1		3	8.1	8.1	(Macro) Unidentified	(Macro) Unidentified
Decapoda	Cambaridae	Cambarinae		Cambarus scotti	2		1	8.1		(Macro) Unidentified	(Macro) Unidentified
Amphipoda	Hyalellidae			Hyalella azteca	1		1	7.9	7.9	(Macro) Gather/Collector	(Macro) Unidentified
Plecoptera	Taeniopterygidae	Taeniopteryginae		Taeniopteryx	1		1	6.3	6.3	(Macro) Shredder	(Macro) Unidentified
Plecoptera	Perlidae	Acroneuriinae	Acroneuriini	Acroneuria abnormis	1		1	2.2	2.2	(Macro) Predator	(Macro) Clinger
Plecoptera	Perlodidae	Isoperlinae		Isoperla clio	1		1	2.3		(Macro) Predator	(Macro) Unidentified
Megaloptera	Corydalidae			Nigronia serricornis	2		1	5.5	5.5	(Macro) Predator	(Macro) Clinger
Megaloptera	Corydalidae			Corydalus cornutus	3		1	5.6	5.6	(Macro) Predator	(Macro) Clinger
Megaloptera	Sialidae			Sialis	1		1	7.5	7.5	(Macro) Predator	(Macro) Unidentified
Coleoptera	Elmidae			Elmidae	1	Adult	1	3.58		(Macro) Gather/Collector	(Macro) Clinger
Coleoptera	Elmidae			Elmidae	2	Larva	1	3.58		(Macro) Gather/Collector	(Macro) Clinger
Coleoptera	Elmidae			Dubiraphia	1	Larva	1	6.4	6.4	(Macro) Gather/Collector	(Macro) Unidentified
Coleoptera	Elmidae			Dubiraphia bivittata	1	Adult	1	6.4		(Macro) Omnivore	(Macro) Unidentified
Coleoptera	Elmidae			Stenelmis	1	Adult	1	5.4	5.4	(Macro) Scraper	(Macro) Clinger
Coleoptera	Elmidae			Stenelmis crenata	1	Adult	2	5.4		(Macro) Omnivore	(Macro) Clinger
Coleoptera	Elmidae			Optioservus	27	Larva	2	2.7	2.7	(Macro) Scraper	(Macro) Clinger
Coleoptera	Elmidae			Optioservus ovalis	1	Adult	1	2.7		(Macro) Unidentified	(Macro) Clinger
Coleoptera	Psephenidae			Psephenus herricki	3	Larva	1	2.5	2.5	(Macro) Scraper	(Macro) Clinger
Diptera	Athericidae			Atherix lantha	1		1	2.1	2.1	(Macro) Predator	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Orthocladiinae	1		1	5.03		(Macro) Gather/Collector	(Macro) Burrower
Diptera	Chironomidae	Orthocladiinae		Orthocladius	2		1	5.88		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Orthocladius vaillanti	1		1	5.88		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Tvetenia	4		1	3.95		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Parametriocnemus	4		1	3.7		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella	2		1	6	6	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella xena	3		1	6		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Corynoneura	3		1	6.2	6.2	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Tanypodinae	1		1	6.7		(Macro) Predator	(Macro) Burrower
Diptera	Chironomidae	Tanypodinae		Clinotanypus	1		1	9.8		(Macro) Predator	(Macro) Burrower
Diptera	Chironomidae	Tanypodinae		Helopelopia	1		2	6		(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Labrundinia pilosella	1		1	6	6	(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Paramerina	1		1	2.8	2.8	(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Rheopelopia acra	1		1	2.9		(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Ablabesmyia mallochi	2		1	7.6	7.6	(Macro) Omnivore	(Macro) Sprawler
Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsini	1		1	4.18		(Macro) Filterer/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus	4		1	7.7	7.7	(Macro) Gather/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus dissimilis	3		1	7.7		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus D	1		1	7.7		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae		Tanytarsini	Rheotanytarsus pellucidus	2		1	6.4	6.4	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus exiguus group	2		1	6.4		(Macro) Filterer/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	1		1	6.7	6.7	(Macro) Filterer/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum aviceps	18		1	4	4	(Macro) Unidentified	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum flavum	1		1	6.67		(Macro) Unidentified	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Dicrotendipes neomodestus	2		1	8.3	8.3	(Macro) Filterer/Collector	(Macro) Burrower
ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	STAGE	TCR	GATV	NCTV	FFG	HABIT

Diptera	Chironomidae	Chironominae	Chironomini	Tribelos jucundus	1		1	6.6		(Macro) Gather/Collector	(Macro) Burrower
Diptera	Simuliidae	Simuliinae	Prosimuliini	Prosimulium	7		1	2.6	2.6	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Simuliidae	Simuliinae	Simuliini	Simulium	6		1	4.4	4.4	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Dixidae			Dixa	2		1	2.8	2.8	(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Dixidae			Dixella indiana	1		1	1		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Tipulidae	Limoniini		Antocha	11		1	4.6	4.6	(Macro) Gather/Collector	(Macro) Clinger
Diptera	Tipulidae	Pediciini		Dicranota	1		1	0	0	(Macro) Predator	(Macro) Unidentified
Diptera	Tipulidae	Tipulinae		Leptotarsus	1		1	7.7		(Macro) Unidentified	(Macro) Burrower
Trichoptera	Hydropsychidae	Hydropsychinae		Cheumatopsyche	3		1	6.6	6.6	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Hydropsychidae	Hydropsychinae		Hydropsyche betteni	1		2	8.1	8.1	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Hydropsychidae	Hydropsychinae		Hydropsyche scalaris	1		2	3	3	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Hydropsychidae	Hydropsychinae		Ceratopsyche morosa	1		1	3.2	3.2	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Hydropsychidae	Hydropsychinae		Potamyia flava	3		1	2.5		(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Brachycentridae			Brachycentrus	5		1	2.2	2.2	(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Rhyacophilidae			Rhyacophila	2		1	0.8		(Macro) Predator	(Macro) Clinger
Trichoptera	Glossosomatini	Glossosomatinae		Glossosoma	10		1	1.5	1.5	(Macro) Scraper	(Macro) Clinger
Ephemeroptera	Ephemerellidae			Ephemerella	1		1	1.66		(Macro) Gather/Collector	(Macro) Clinger
Ephemeroptera	Ephemeridae			Hexagenia limbata	1		1	4.7		(Macro) Gather/Collector	(Macro) Burrower
Ephemeroptera	Heptageniidae			Stenonema femoratum	9		1	7.5	7.5	(Macro) Unidentified	(Macro) Clinger
Ephemeroptera	Isonychiidae			Isonychia	3		2	3.8	3.8	(Macro) Filterer/Collector	(Macro) Swimmer
Odonata	Gomphidae			Gomphidae	2		1	5.47		(Macro) Predator	(Macro) Burrower
Odonata	Gomphidae			Gomphus	1		1	6.2	6.2	(Macro) Predator	(Macro) Unidentified
Odonata	Gomphidae			Ophiogomphus mainensis	2		1	6.2		(Macro) Predator	(Macro) Burrower
Odonata	Lestidae			Lestes	1		2	9		(Macro) Predator	(Macro) Climber

67f&i Least Impacted Data - Site 3 Taxa Results											
ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	STAGE	TCR	GATV	NCTV	FFG	HABIT
				Oligochaeta	10		1	8.28		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Brillia	2		1	5.2	5.2	(Macro) Shredder	(Macro) Burrower
Basommatophora	Planorbidae			Gyraulius	1		1	6.25		(Macro) Scraper	(Macro) Unidentified
Neotaenioglossa	Pleuroceridae			Elimia	27		1	2.5	2.5	(Macro) Scraper	(Macro) Unidentified
Decapoda	Cambaridae	Cambarinae		Cambarus	1		2	8.1	8.1	(Macro) Unidentified	(Macro) Unidentified
Amphipoda	Crangonyctidae			Crangonyx	2		2	8		(Macro) Gather/Collector	(Macro) Unidentified
Isopoda	Asellidae			Caecidotea	10		1	6		(Macro) Gather/Collector	(Macro) Unidentified
Plecoptera	Capniidae			Capniidae	1		1	1		(Macro) Shredder	(Macro) Sprawler
Plecoptera	Chloroperlidae			Chloroperlidae	1		1	0.68		(Macro) Predator	(Macro) Clinger
Plecoptera	Pteronarcyidae		Pteronarcyini	Pteronarcys dorsata	2		1	1.8	1.8	(Macro) Shredder	(Macro) Unidentified
Coleoptera	Elmidae			Elmidae	2	Larva	1	3.58		(Macro) Gather/Collector	(Macro) Clinger
Coleoptera	Elmidae			Dubiraphia	13	Larva	1	6.4	6.4	(Macro) Gather/Collector	(Macro) Unidentified
Coleoptera	Elmidae			Dubiraphia	5	Adult	1	6.4	6.4	(Macro) Gather/Collector	(Macro) Unidentified
Coleoptera	Elmidae			Macronychus glabratus	7	Larva	1	4.7	4.7	(Macro) Omnivore	(Macro) Clinger
Coleoptera	Elmidae			Macronychus glabratus	1	Adult	1	4.7	4.7	(Macro) Omnivore	(Macro) Clinger
Coleoptera	Dryopidae			Dryopidae	1	Larva	2	5.4		(Macro) Shredder	(Macro) Climber
Diptera	Chironomidae	Orthocladiinae		Nanocladius	1		1	7.2	7.2	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Orthocladius	3		1	5.88		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Orthocladiinae		Parakiefferiella A	1		1	5.9		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Thienemanniella lobapodema	1		1	6		(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Rheocricotopus robacki	2		1	7.7	7.7	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Corynoneura	3		1	6.2	6.2	(Macro) Gather/Collector	(Macro) Sprawler
Diptera	Chironomidae	Orthocladiinae		Xylotopus par	1		1	6.6		(Macro) Unidentified	(Macro) Burrower
Diptera	Chironomidae	Tanypodinae		Paramerina	1		1	2.8	2.8	(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Thienemannimyia group	1		1	6		(Macro) Predator	(Macro) Sprawler
Diptera	Chironomidae	Tanypodinae		Ablabesmyia mallochi	2		1	7.6	7.6	(Macro) Omnivore	(Macro) Sprawler
Diptera	Chironomidae	Chironominae		Chironominae	4		1	6.23		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus	2		1	7.7	7.7	(Macro) Gather/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus dissimilis	1		1	7.7		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus	4		1	6.4	6.4	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus pellucidus	3		1	6.4	6.4	(Macro) Filterer/Collector	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus exiguus group	10		1	6.4		(Macro) Filterer/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	5		1	6.7	6.7	(Macro) Filterer/Collector	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Phaenopsectra punctipes group	1		1	6.8		(Macro) Scraper	(Macro) Clinger
Diptera	Chironomidae	Chironominae	Chironomini	Stenochironomus	2		1	6.4	6.4	(Macro) Shredder	(Macro) Burrower
Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum	2		3	6.67		(Macro) Shredder	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum scalaenum group	5		1	8.7		(Macro) Unidentified	(Macro) Unidentified
Diptera	Chironomidae	Chironominae	Chironomini	Tribelos	1		1	6.6	6.6	(Macro) Gather/Collector	(Macro) Burrower
Diptera	Chironomidae	Chironominae	Chironomini	Tribelos jucundus	4		1	6.6		(Macro) Gather/Collector	(Macro) Burrower
Diptera	Dixidae			Dixella indiana	5		1	1		(Macro) Gather/Collector	(Macro) Unidentified
Diptera	Tipulidae	Limoniinae		Limnophila (Macros)	1		2	4		(Macro) Predator	(Macro) Burrower
Diptera	Tipulidae	Limoniini		Antocha	1		1	4.6	4.6	(Macro) Gather/Collector	(Macro) Clinger
Trichoptera	Leptoceridae			Leptoceridae	3		1	3.47		(Macro) Gather/Collector	(Macro) Climber
Trichoptera	Calamoceratidae			Anisocentropus pyraloides	4		1	0.8	0.8	(Macro) Shredder	(Macro) Sprawler
Trichoptera	Calamoceratidae			Heteroplectron americanum	2		1	2.9	2.9	(Macro) Shredder	(Macro) Sprawler
Trichoptera	Hydropsychidae			Hydropsychidae	2		1	4		(Macro) Filterer/Collector	(Macro) Clinger
Trichoptera	Hydropsychidae	Hydropsychinae		Cheumatopsyche	5		1	6.6	6.6	(Macro) Filterer/Collector	(Macro) Clinger
ORDER	FAMILY	SUBFAMILY	TRIBE	FINAL TAXON ID	COUNT	STAGE	TCR	GATV	NCTV	FFG	HABIT

Trichoptera	Psychomyiidae	Psychomyiinae		Lyte diversa	3		1	4.3	4.3	(Macro) Scraper	(Macro) Burrower
Ephemeroptera	Ephemerellidae			Attenella attenuata	1		1	2.6	2.6	(Macro) Gather/Collector	(Macro) Clinger
Ephemeroptera	Tricorythidae			Tricorythodes	1		1	5.4	5.4	(Macro) Gather/Collector	(Macro) Sprawler
Ephemeroptera	Caenoidea			Caenis	2		1	7.6	7.6	(Macro) Gather/Collector	(Macro) Sprawler
Ephemeroptera	Ephemeridae			Hexagenia limbata	1		1	4.7		(Macro) Gather/Collector	(Macro) Burrower
Ephemeroptera	Heptageniidae			Heptageniidae	10		1	2.25		(Macro) Scraper	(Macro) Clinger
Ephemeroptera	Heptageniidae			Stenacron	1		1	3.9		(Macro) Scraper	(Macro) Clinger
Ephemeroptera	Heptageniidae			Stenonema femoratum	23		1	7.5	7.5	(Macro) Unidentified	(Macro) Clinger
Ephemeroptera	Isonychiidae			Isonychia	20		2	3.8	3.8	(Macro) Filterer/Collector	(Macro) Swimmer
Odonata	Gomphidae			Dromogomphus spinosus	4		2	6.3		(Macro) Predator	(Macro) Burrower
Odonata	Coenagrionidae			Coenagrionidae	1		1	9		(Macro) Predator	(Macro) Climber
Odonata	Calopterygidae			Calopteryx	2		1	8.3	8.3	(Macro) Predator	(Macro) Climber
Odonata	Calopterygidae			Calopteryx maculata	2		1	8.3		(Macro) Predator	(Macro) Climber