



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE ECOREGION (66)
Southern Metasedimentary Mountains - 66g Data

(66) BLUE RIDGE ECOREGION					
66g Southern Metasedimentary Mountains - reference streams					
Station ID	Waterbody Name	Catchment Area (m2)	Basin Name	Major Basin Name	Collection Date
66g-2	Reference Site 1	103605864.3	Conasauga	Coosa-Tallapoosa	10/6/2000
66g-2-2	Reference Site 2	8877697.255	Conasauga	Coosa-Tallapoosa	12/1/2001
66g-23	Reference Site 3	11792436.07	Etowah	Coosa-Tallapoosa	11/30/2001
66g-5	Reference Site 4	21408920.19	Conasauga	Coosa-Tallapoosa	12/2/2001
66g-6	Reference Site 5	39724774.87	Conasauga	Coosa-Tallapoosa	10/7/2000



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA

BLUE RIDGE (66)

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66g - Southern Metasedimentary Mountains - reference streams metric scores

Station ID	Waterbody Name	EPTTax	StdEPT	ChiroPct	Std%Chiro	%Tpod/TC	Std%Tpod/TC	Dom01Pct	Std% Dom
66g-2	Reference Site 1	11.00	30.05	3.57	100.00	0.00	100.00	16.52	53.98
66g-2-2	Reference Site 2	27.00	73.77	13.21	85.72	7.14	57.27	9.91	85.62
66g-23	Reference Site 3	37.00	100.00	23.75	66.18	8.77	46.99	8.75	91.15
66g-5	Reference Site 4	35.00	95.63	22.50	68.50	1.85	90.65	10.83	81.18
66g-6	Reference Site 5	27.00	73.77	24.03	65.65	7.14	57.27	6.44	100.00

DE

0.857143

0.857143

0.857143

0.714286

66g - Southern Metasedimentary Mountains - reference streams metric scores

Station ID	Waterbody Name	NCBI	StdNCBI	ScrapTax	StdSCrapTAx	ClngrPct	Std% Clngr	Final Index
66g-2	Reference Site 1	4.67	57.87	6.00	62.50	79.91	100.00	72.06
66g-2-2	Reference Site 2	3.32	100.00	3.00	31.25	26.42	35.03	66.95
66g-23	Reference Site 3	3.57	93.63	8.00	83.33	46.67	61.89	77.60
66g-5	Reference Site 4	3.92	82.26	10.00	100.00	57.50	76.26	84.92
66g-6	Reference Site 5	4.59	60.66	7.00	72.92	52.36	69.44	71.39

DE

0.7142857

0.857143

0.714286



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE (66)
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		% Land use per Catchment Area for Reference Sites: 66g - Southern Metasedimentary Mountains				
		Stream Name and Sample Identification Number				
		<i>Reference Site 1</i>	<i>Reference Site 2</i>	<i>Reference Site 3</i>	<i>Reference Site 4</i>	<i>Reference Site 5</i>
Land use	Year	66g-2	66g-2-2	66g-23	66g-5	66g-6
% Natural	1998	91.6436	98.6644	97.5297	95.9266	95.9255
% Urban	1998	1.5233	1.3356	2.455	3.9219	3.8663
% Agriculture Total	1998	0.2438	0	0.0152	0.1515	0.2083
% Barren	1998	0.0876	0	0.1372	0.0295	0.0453
% Natural	1994	99.8626	99.9929	99.5861	99.7962	99.9345
% Urban	1994	0.0043	0.0071	0	0	0
% Agriculture Total	1994	0	0	0.4139	0.0425	0.0655
% Barren	1994	0.1331	0	0	0.1613	0



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE (66)
Southern Metasedimentary Mountains - 66g Data

		Water Chemistry Values for Reference Sites: 66g - Southern Metasedimentary Mountains				
		Stream Name and Sample Identification Number				
		Reference Site 1	Reference Site 2	Reference Site 3	Reference Site 4	Reference Site 5
Parameters	Chemical Units	66g-2	66g-2-2	66g-23	66g-5	66g-6
Air Temperature	°C	---	10.71	16.14	14.5	19.44
Water Temperature	°C	18.93	10.22	13.41	10.24	15.09
Specific Conductivity	mS/cm	0.0155	0.0096	0.0112	0.0172	0.0337
Dissolved Oxygen	%	95.7	94.8	92.5	96	97.9
Dissolved Oxygen	mg/l	8.9	10.59	9.6	10.81	9.87
pH	SU	7	6.55	7.07	6.77	7.23
Turbidity	NTU	0.8	8	17.8	4.7	0.1
Depth	m	0.1	0.5	0.2	0.2	0
Ammonia	mg/l as N	0.044	0.039	<0.03	0.044	0.084
Nitrate-Nitrite	mg/l as N	<0.01	0.841	0.370	>1.0	<0.01
Total Phosphorus	mg/l as P	<0.01	0.082	0.062	0.068	<0.01
Alkalinity	mg/l as CaCO ₃	8.16	0.0	2.20	2.57	12.267
Hardness	mg/l as CaCO ₃	6.45	3.07	2.73	3.50	15.447
Copper	mg/l	<0.1	<0.002	<0.002	<0.002	<0.1
Iron	mg/l	<0.1	0.024	0.102	0.055	<0.1
Manganese	mg/l	<0.1	0.003	0.005	0.004	<0.1
Zinc	mg/l	<0.1	0.014	0.011	0.013	<0.1



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE (66)
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	Pebble Count % for Reference Sites: 66g - Southern Metasedimentary Mountains				
	Stream Name and Sample Identification Number				
	<i>Reference Site 1</i>	<i>Reference Site 2</i>	<i>Reference Site 3</i>	<i>Reference Site 4</i>	<i>Reference Site 5</i>
Particle	66g-2	66g-2-2	66g-23	66g-5	66g-6
Silt/Clay	---	---	4	---	---
Sand	5.940594059	---	13	9	2.830188679
Gravel	31.68316832	45	30	35	13.20754717
Cobble	31.68316832	30	49	38	50.94339623
Boulder	24.75247525	25	4	18	33.01886792
Bedrock	5.940594059	---	---	---	---



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE (66)
Southern Metasedimentary Mountains - 66g Data

Habitat Values for Reference Sites: 66g - Southern Outer Piedmont					
Stream Name and Sample Identification Number					
	<i>Reference Site 1</i>	<i>Reference Site 2</i>	<i>Reference Site 3</i>	<i>Reference Site 4</i>	<i>Reference Site 5</i>
Habitat Parameters	66g-2	66g-2-2	66g-23	66g-5	66g-6
Epifaunal Substrate/Available Cover	16	17	18	16	15
Embeddedness	19	19	18	19	19
Velocity/Depth Regime	17	19	15	17	16
Sediment Deposition	18	19	19	17	17
Channel Flow Status	16	19	17	20	13
Channel Alteration	18	20	20	17	17
Frequency of Riffles (or bends)	19	19	19	20	18
Bank Stability (Left Bank)	10	10	9	10	9
Bank Stability (Right Bank)	9	10	9	10	9
Vegetative Protection (Left Bank)	9	10	8	9	8
Vegetative Protection (Right Bank)	9	10	8	9	9
Riparian Vegetative Zone Width (Left Bank)	10	10	10	10	7
Riparian Vegetative Zone Width (Right Bank)	7	10	9	9	9
Total Habitat Score	177	192	179	183	166



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA

BLUE RIDGE (66)

Southern Metasedimentary Mountains - 66g Data

66g - Southern Metasedimentary Mountains Reference Site 1 66g - 2

Order	Family	Final Identification	Individuals	TCR	Stage
Coleoptera	Elmidae	<i>Dubiraphia sp.</i>	14		A
		Elmidae	1		A
		Elmidae	13		L
		<i>Gonielmis dietrichi</i>	37		L
		<i>Microcylloepus pusillus</i>	2		L
		<i>Promoresia elegans</i>	6		A
	Psephenidae	<i>Stenelmis sp.</i>	22		L
		Psephenidae	1		L
Diptera	Chironomidae	<i>Psephenus herricki</i>	2		L
		Chironomidae	1		X
		<i>Rheotanytarsus exiguus group</i>	2		X
	Simuliidae	<i>Tvetenia vitracies</i>	5		X
		<i>Simulium sp.</i>	9		X
	Tipulidae	<i>Hexatoma sp.</i>	4		X
Ephemeroptera	Baetidae	<i>Tipula sp.</i>	1		X
	Heptageniidae	<i>Pseudocloeon sp.</i>	12		X
Heteroptera	Veliidae	<i>Stenonema sp.</i>	9		X
		<i>Paravelia sp.</i>	1		X
Megaloptera	Corydalidae	<i>Rhagovelia obesa</i>	1		X
		Corydalidae	1		X
Neotaenioglossa	Pleuroceridae	<i>Corydalus cornutus</i>	6		X
Odonata	Gomphidae	<i>Elimia sp.</i>	1		X
Plecoptera	Perlidae	Gomphidae	1		X
		<i>Acroneuria abnormis</i>	10	TCR-2 for species	X
		<i>Paragnetina media</i>	1		X
Trichoptera	Brachycentridae	<i>Perlesta sp.</i>	2		X
		Brachycentridae	3		X
	Hydropsychidae	<i>Cheumatopsyche sp.</i>	13		X

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**66g - Southern Metasedimentary Mountains
Reference Site 1 66g - 2 Continued**

Order	Family	Final Identification	Individuals	TCR	Stage
Trichoptera	Hydropsychidae	<i>Hydropsyche sp.</i>	29		X
		<i>Hydropsychidae</i>	8		X
	Philopotamidae	<i>Chimarra sp.</i>	1		X
	Polycentropodidae	<i>Polycentropus sp.</i>	5		X
Total Individuals			224		



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA

BLUE RIDGE (66)

Southern Metasedimentary Mountains - 66g Data

66g - Southern Metasedimentary Mountains

Reference Site 2 66g- 2-2

Order	Family	Final Identification	Individuals	TCR	Stage
Coleoptera	Elmidae	Elmidae	1		L
		<i>Optioservus sp.</i>	3		L
Diptera	Ceratopogonidae	<i>Bezzia complex sp.</i>	4		X
		Chironomidae	2		X
	Chironomidae	<i>Georthocladius sp.</i>	1		X
		<i>Hudsonimyia sp.</i>	1		X
		<i>Micropsectra sp.</i>	3		X
		<i>Microtendipes sp.</i>	1		X
		Orthoclaudiinae	6		X
		<i>Parametriocnemus sp.</i>	2		X
		<i>Polypedilum A</i>	1		X
		<i>Pseudorthocladius sp.</i>	2		X
		<i>Stempellinella sp.</i>	6		X
		Tanytarsini	1		X
		<i>Thienemanniella lobapodema</i>	1		X
		<i>Thienemannimyia group</i>	1		X
	Tipulidae	<i>Hexatoma sp.</i>	3	2@TCR-2, 1@ TCR-1	X
		<i>Pseudolimnophila sp.</i>	2	TCR-2	X
		Tipulidae	3		X
Ephemeroptera	Ephemerellidae	<i>Ephemerella sp.</i>	4	TCR-2	X
		<i>Ephemerella crenula</i>	2	TCR-2	X
		<i>Eurylophella doris complex</i>	1		X
	Heptageniidae	<i>Epeorus sp.</i>	4		X
		<i>Epeorus dispar</i>	6		X
		<i>Epeorus pleuralis</i>	5		X
		<i>Stenonema sp.</i>	15		X
	Leptophlebiidae	Leptophlebiidae	2		X
Isopoda	Asellidae	Siphonuridae	3		X
		Asellidae	5		X

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66g - Southern Metasedimentary Mountains
Reference Site 2 66g- 2-2 Continued

Order	Family	Final Identification	Individuals	TCR	Stage
Isopoda	Asellidae	<i>Lirceus sp.</i>	14		X
Plecoptera	Capniidae	Capniidae	11		X
	Chloroperlidae	Chloroperlidae	4		X
		<i>Utaperla sp.</i>	18	TCR-3	X
	Peltoperlidae	<i>Tallaperla sp.</i>	4		X
	Perlidae	<i>Acroneuria abnormis</i>	4	2 @ TCR-2	X
	Perlodidae	<i>Diploperla duplicata</i>	1	TCR-2	X
		<i>Isoperla similis</i>	1		X
	Pteronarcyidae	<i>Pteronarcys dorsata</i>	1		X
	Taeniopterygidae	<i>Oemopteryx complex</i>	3		X
		<i>Taeniopteryx sp.</i>	10		X
Trichoptera	Brachycentridae	<i>Micrasema sp.</i>	4		X
	Hydropsychidae	<i>Hydropsyche sp.</i>	2		X
	Lepidostomatidae	<i>Lepidostoma sp.</i>	9	6 @ TCR-2	X
	Limnephilidae	<i>Hydatophylax argus</i>	21		X
		Limnephilidae	5		X
	Odontoceridae	<i>Marilia flexuosa</i>	2		X
	Polycentropodidae	<i>Nyctiophylax sp.</i>	1		X
		Polycentropodidae	2		X
		Oligochaeta	4		X
Total Individuals			212		



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66g - Southern Metasedimentary Mountains
Reference Site 3 66g - 23

Order	Family	Final Identification	Individuals	TCR	Stage
Coleoptera	Elmidae	<i>Macronychus glabratus</i>	1		A
		<i>Macronychus glabratus</i>	1		L
		<i>Optioservus sp.</i>	9		L
		<i>Optioservus ovalis</i>	2	TCR-2	A
	Psephenidae	<i>Ectopria sp.</i>	2		L
		<i>Psephenus herricki</i>	5		L
Diptera	Ceratopogonidae	<i>Bezzia complex</i>	4		X
	Chironomidae	<i>Apedilum sp.</i>	12	1 @ TCR-2	X
		Chironomidae	1		X
		<i>Corynoneura sp.</i>	2		X
		<i>Cryptochironomus sp.</i>	1		X
		<i>Djalmabatista pulcher variant (5 toothed)</i>	1		X
		<i>Heterotrissocladius marcidus</i>	1		X
		<i>Micropsectra A</i>	4		X
		<i>Micropsectra E</i>	1		X
		<i>Microtendipes sp.</i>	3		X
		Orthoclaadiinae	2		X
		<i>Paracladopelma doris</i>	1		X
		<i>Paralauterborniella nigrohalterale</i>	2		X
		<i>Paraphaenocladius sp.</i>	1	TCR-2	X
		<i>Phaenopsectra sp.</i>	1	TCR-2	X
		<i>Polypedilum sp.</i>	1		X
		<i>Polypedilum aviceps</i>	4		X
		<i>Pseudorthocladius sp.</i>	2		X
		<i>Reomyia sp.</i>	1		X
		<i>Stempellinella sp.</i>	11	2 @ TCR-2	X
		Tanypodinae	1		X

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**66g - Southern Metasedimentary Mountains
Reference Site 3 66g - 23 Continued**

Order	Family	Final Identification	Individuals	TCR	Stage
Diptera	Chironomidae	<i>Thienemanniella lobapodema</i>	1		X
		<i>Thienemannimyia</i> group	2		X
		<i>Xylotopus par</i>	1		X
	Dixidae	<i>Dixa</i> sp.	2		X
	Simuliidae	<i>Simulium</i> sp.	1		X
	Tabanidae	Tabanidae	1		X
	Tipulidae	<i>Limnophila</i> sp.	1	TCR-3	X
		Tipulidae	2		X
Ephemeroptera	Baetiscidae	<i>Baetisca carolina</i>	1		X
	Ephemerellidae	<i>Attenella attenuata</i>	1		X
		<i>Dannella</i> sp.	6		X
		<i>Dannella lita</i>	1		X
		<i>Ephemerella</i> sp.	2		X
		<i>Ephemerella argo</i>	4	1 @ TCR-2	X
		Ephemerellidae	3		X
		<i>Eurylophella doris complex</i>	2		X
	Ephemeridae	<i>Ephemerella</i> sp.	2		X
	Heptageniidae	<i>Epeorus</i> sp.	2		X
		<i>Epeorus dispar</i>	7		X
		<i>Epeorus pleuralis</i>	4	1 @ TCR-2	X
		Heptageniidae	1		X
		<i>Stenonema</i> sp.	21		X
	Leptophlebiidae	<i>Habrophlebiodes</i> sp.	1	TCR-2	X
		Leptophlebiidae	7		X
Heteroptera	Veliidae	<i>Rhagovelia obesa</i>	1		X
Odonata	Calopterygidae	<i>Hetaerina</i> sp.	2		X
	Cordulegastridae	<i>Cordulegaster</i> sp.	2		X
	Gomphidae	<i>Dromogomphus spinosus</i>	2		X
		Gomphidae	4		X
Plecoptera	Capniidae	<i>Allocapnia</i> sp.	7		X
		Capniidae	3		X
	Peltoperlidae	<i>Tallaperla</i> sp.	1		X
	Perlidae	<i>Acroneuria abnormis</i>	4		X
		<i>Paragnetina</i> sp.	1		X
		<i>Paragnetina immarginata</i>	1		X

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**66g - Southern Metasedimentary Mountains
Reference Site 3 66g - 23 Continued**

Order	Family	Final Identification	Individuals	TCR	Stage
Plecoptera	Perlodidae	<i>Isoperla similis</i>	1	TCR-2	X
		Perlodidae	1		X
		<i>Yugus arinus</i>	1	TCR-2	X
	Taeniopterygidae	<i>Oemopteryx complex</i>	1		X
		<i>Taeniopteryx sp.</i>	4		X
Trichoptera	Hydropsychidae	<i>Cheumatopsyche sp.</i>	7		X
		<i>Hydropsyche sp.</i>	5		X
		Hydropsychidae	1		X
	Hydroptilidae	<i>Hydroptilidae sp.</i>	1		X
	Limnephilidae	<i>Hydatophylax argus</i>	4	1 @ TCR-2	X
		Limnephilidae	2	TCR-2	X
		<i>Pycnopsyche sp.</i>	5		X
	Philopotamidae	<i>Dolophilodes sp.</i>	4		X
	Polycentropodidae	<i>Neureclipsis sp.</i>	18		X
	Psychomyiidae	<i>Lype diversa</i>	1		X
		Oligochaeta	3		X
Total Individuals			240		



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA

BLUE RIDGE (66)

Southern Metasedimentary Mountains - 66g Data

66g - Southern Metasedimentary Mountains

Reference Site 4 66g - 5

Order	Family	Final Identification	Individuals	TCR	Stage
Coleoptera	Elmidae	Elmidae	1		L
		<i>Microcylloepus pusillus</i>	1	TCR-2	L
		<i>Optioservus sp.</i>	11		L
	Psephenidae	<i>Ectopria sp.</i>	1		L
		<i>Psephenus herricki</i>	7		L
Diptera	Ceratopogonidae	<i>Bezzia complex</i>	1		X
	Chironomidae	<i>Apedilum sp.</i>	5		X
		Chironomidae	2		X
		Chironominae	3		X
		<i>Corynoneura sp.</i>	2		X
		<i>Corynoneura B</i>	1		X
		<i>Eukiefferiella sp.</i>	1		X
		<i>Heterotrissocladius cladwell/boltoni complex</i>	1		X
		<i>Heterotrissocladius marcidus</i>	1		X
		<i>Hydrobaenus sp.</i>	1		X
		<i>Microtendipes sp.</i>	26		X
		<i>Nanocladius sp.</i>	2		X
		Orthoclaadiinae	3		X
		<i>Parakiefferiella coronata</i>	1		X
		<i>Polypedilum aviceps</i>	1		X
		<i>Polypedilum flavum</i>	2		X
		Tanypodinae	1		X
		<i>Thienemanniella lobapodema</i>	1		X
	Dixidae	<i>Dixa sp.</i>	4		X
	Simuliidae	<i>Simulium sp.</i>	1		X

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66g - Southern Metasedimentary Mountains
Reference Site 4 66g - 5 Continued

Order	Family	Final Identification	Individuals	TCR	Stage
Diptera	Tipulidae	<i>Dicranota sp.</i>	2		X
		<i>Hexatoma sp.</i>	3	TCR-2	X
		<i>Tipula sp.</i>	2		X
Ephemeroptera	Baetidae	<i>Pseudocloeon sp.</i>	1		X
	Baetiscidae	<i>Baetiscidae sp.</i>	1		X
	Ephemerellidae	<i>Attenella attenuata</i>	13		X
		<i>Dannella sp.</i>	2	TCR-3	X
		<i>Dannella lita</i>	2	species @TCR-2	X
		Ephemerellidae	2		X
		<i>Eurylophella sp.</i>	3		X
	Heptageniidae	<i>Epeorus sp.</i>	9		X
		<i>Epeorus pleuralis</i>	1		X
		Heptageniidae	1		X
		<i>Stenonema sp.</i>	8	5 @ TCR-2	X
	Isonychiidae	<i>Isonychia sp.</i>	4		X
	Leptophlebiidae	Leptophlebiidae	2		X
	Siphonuridae	Siphonuridae	2		X
Megaloptera	Corydalidae	Corydalidae	1		X
		<i>Corydalis cornutus</i>	1		X
		<i>Nigronia serricornis</i>	1		X
Odonata	Cordulegastridae	<i>Cordulegaster sp.</i>	1		X
	Gomphidae	Gomphidae	5		X
Plecoptera	Capniidae	<i>Allocapnia sp.</i>	2		X
		Capniidae	13		X
	Chloroperlidae	<i>Alloperla sp.</i>	1	TCR-3	X
		Chloroperlidae	1		X
		<i>Haploperla brevis</i>	2	TCR-2	X
		<i>Utaperla sp.</i>	9	TCR-3	X
	Perlidae	<i>Paragnetina kansensis</i>	3		X
		<i>Paragnetina media</i>	5		X
		Perlidae	2		X
	Taeniopterygidae	<i>Oemopteryx complex</i>	1	TCR-2	X
		Taeniopterygidae	2	1 @ TCR-2, 1 @ TCR-3	X
		<i>Taeniopteryx sp.</i>	2		X
Trichoptera	Glossosomatidae	<i>Glossosoma sp.</i>	2		X

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**66g - Southern Metasedimentary Mountains
Reference Site 4 66g - 5 Continued**

Order	Family	Final Identification	Individuals	TCR	Stage
Trichoptera	Hydropsychidae	<i>Cheumatopsyche sp.</i>	19		X
		<i>Hydropsyche sp.</i>	9		X
		Hydropsychidae	2		X
	Lepidostomatidae	<i>Lepidostoma sp.</i>	10		X
		Lepidostomatidae	1		X
		<i>Theliopsyche sp.</i>	1	TCR-2	X
	Philopotamidae	<i>Chimarra sp.</i>	3		X
		<i>Dolophilodes sp.</i>	2		X
		Total Individuals	240		



GADNR/EPD MACROINVERTEBRATE REFERENCE DATA
BLUE RIDGE (66)
Southern Metasedimentary Mountains - 66g Data

66g - Southern Metasedimentary Mountains
Reference Site 5 66g - 6

Order	Family	Final Identification	Individuals	TCR	Stage
Coleoptera	Dryopidae	<i>Helichus basalis</i>	1	Species @ TCR-2	A
	Elmidae	<i>Macronychus glabratus</i>	1		A
		<i>Macronychus glabratus</i>	2		L
		<i>Optioservus sp.</i>	11		L
		<i>Promoresia elegans</i>	1		L
		<i>Stenelmis sp.</i>	7		L
		<i>Stenelmis bicarinata</i>	1		A
	Psephenidae	<i>Psephenus herricki</i>	14		L
Decapoda	Cambaridae	<i>Procambarus sp.</i>	4	TCR-2	X
Diptera	Ceratopogonidae	<i>Bezzia complex</i>	1		X
	Chironomidae	<i>Apedilum sp.</i>	1		X
		Chironomidae	3		X
		<i>Conchapelopia sp.</i>	3		X
		<i>Cricotopus sp.</i>	1		X
		<i>Helopelopia sp.</i>	1		X
		<i>Limnophyes sp.</i>	1		X
		<i>Micropsectra sp.</i>	1		X
		<i>Microtendipes pedellus group</i>	1	TCR-2	X
		Orthoclaadiinae	2		X
		<i>Paracricotopus sp.</i>	3		X
		<i>Parakiefferiella B</i>	1		X
		<i>Paratanytarsus sp.</i>	1		X
		<i>Platysmittia sp.</i>	1		X
		<i>Polypedilum aviceps</i>	11		X
		<i>Polypedilum flavum</i>	4		X

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66g - Southern Metasedimentary Mountains
Reference Site 5 66g - 6 Continued

Order	Family	Final ID	Individuals	TCR	Stage
Diptera	Chironomidae	<i>Polypedilum scalaenum</i> group	6		X
		<i>Pseudochironomus</i> sp.	1		X
		<i>Rheotanytarsus</i> sp.	5		X
		<i>Rheotanytarsus</i> A	1		X
		<i>Rheotanytarsus pellucidus</i>	1		X
		<i>Stempellinella</i> sp.	1		X
		<i>Tanytarsus</i> sp.	1		X
		<i>Thienemanniella</i> sp.	3		X
		<i>Thienemanniella xena</i>	1		X
		<i>Tvetenia</i> sp.	1		X
	Empididae	<i>Hemerodromia</i> sp.	4		X
	Simuliidae	<i>Simulium</i> sp.	4		X
	Tabanidae	<i>Tabanus</i> sp.	1	TCR-3	X
	Tipulidae	<i>Antocha</i> sp.	3	TCR-3	X
		<i>Erioptera</i> sp.	1	TCR-3	X
		<i>Hexatoma</i> sp.	2	1 @ TCR-2; 1 @ TCR-3	X
		Tipulidae	1		X
Ephemeroptera	Ameletidae	<i>Ameletus</i> sp.	6	TCR-2	X
	Baetidae	Baetidae	8		X
		<i>Baetis</i> sp.	2		X
		<i>Baetis brunneicolor</i>	1	TCR-2	X
		<i>Baetis intercalaris</i>	1	TCR-2	X
		<i>Fallceon</i> sp.	5	TCR-2	X
		<i>Pseudocloeon</i> sp.	1	TCR-2	X
	Baetiscidae	<i>Baetisca carolina</i>	2		X
	Caenidae	<i>Caenis</i> sp.	3		X
	Ephemerellidae	<i>Attenella attenuata</i>	1	TCR-3	X
	Ephemeridae	<i>Ephemera simulans</i>	1	Species @ TCR-4	X
	Heptageniidae	<i>Epeorus</i> sp.	1		X
		<i>Stenonema</i> sp.	8		X
		<i>Stenonema femoratum</i>	3		X
		<i>Stenonema sinclairi</i>	3	Species @ TCR-2	X
	Isonychiidae	<i>Isonychia</i> sp.	3		X
Heteroptera	Veliidae	<i>Rhagovelia obesa</i>	1		X

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**66g - Southern Metasedimentary Mountains
Reference Site 5 66g - 6 Continued**

Order	Family	Final ID	Individuals	TCR	Stage
Megaloptera	Corydalidae	<i>Corydalus cornutus</i>	5		X
		<i>Nigronia serricornis</i>	3	Species @ TCR-2	X
Odonata	Coenagrionidae	<i>Argia sp.</i>	5	TCR-2	X
		<i>Chromagrion conditum</i>	1	Species @ TCR-2	X
	Gomphidae	<i>Arigomphus villosipes</i>	5		X
		<i>Haploperla brevis</i>	3	Species @ TCR-2	X
Plecoptera	Perlidae	<i>Acroneuria abnormis</i>	4		X
		<i>Paragnetina immarginata</i>	3		X
		<i>Ceratopsyche sparna</i>	7	Species @ TCR-2	X
Trichoptera	Hydropsychidae	<i>Cheumatopsyche sp.</i>	15		X
		<i>Hydropsyche decalda</i>	8	Species @ TCR-2	X
		<i>Dolophilodes sp.</i>	1		X
	Polycentropodidae	<i>Neureclipsis sp.</i>	1	TCR-3	X
		<i>Polycentropus sp.</i>	1		X
	Psychomyiidae	<i>Psychomyia flavida</i>	1	Species @ TCR-2	X
	Rhyacophilidae	<i>Rhyacophila fuscula</i>	1		X
		Oligochaeta	4		X
Total Individuals			233		