

ANNEX XIII: APPENDIX F

BENTHIC INVERTEBRATE TAXA, 2013

Tables

Table F-1	Benthic Invertebrate Taxa Documented at Lake Stations in Lac du Sauvage, August 2013	1
Table F-2	Benthic Invertebrate Taxa Documented at Littoral Stations in Lac du Sauvage, August 2013	3
Table F-3	Benthic Invertebrate Taxa Documented at Lake Stations in Duchess Lake, Lake Af1, Lake E1, and Lake C1, August and September 2013	5
Table F-4	Benthic Invertebrate Taxa Documented at Littoral Stations in Duchess Lake, Lake Af1, and Lake E1, August and September 2013.....	7
Table F-5	Benthic Invertebrate Taxa Documented at Lake Stations in Paul Lake, September 2013.....	9
Table F-6	Benthic Invertebrate Taxa Documented at Stream Stations in the Lac du Sauvage Basin, August and September 2013	11

Table F-1 Benthic Invertebrate Taxa Documented at Lake Stations in Lac du Sauvage, August 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Lac du Sauvage																						
						Shallow Stations							Mid-Depth Stations							Deep Stations								
						Aa-2	Ab-2	Ac-2	Ac-5	Ac-8	Ad-2	Ae-2	Aa-6	Ab-6	Ac-10	Ac-11	Ac-12	Ad-4	Ae-6	Ae-7	Aa-1	Ab-1	Ac-1	Ac-4	Ac-7	Ad-1	Ae-1	
Turbellaria	—	—	—	—	—				X									X										
Oligochaeta	Tubificida	Naididae	—	—	Nais sp.																	X						
					Specaria josinae						X																	
					Vejdovskyella comata	X							X															
		Tubificidae	—	—	Limnodrilus hoffmeisteri				X	X	X				X	X	X	X					X	X	X			
					—	X	X	X	X	X		X	X	X	X	X	X	X	X			X	X	X	X			
					Rhyacodrilus coccineus				X	X	X					X												
	Enchytraeidae	—	—	—	—																X							
Lumbriculida	Lumbriculidae	—	—	—	—	X		X	X	X	X	X			X	X	X	X	X	X		X	X	X	X	X		
Gastropoda	—	—	—	—	—						X																	
	Basommatophora	Planorbidae	—	—	—	Gyraulus sp.					X	X																
	Heterostropha	Valvatidae	—	—	—	Valvata sp.	X			X	X	X	X			X	X	X		X		X		X				
Bivalvia	Veneroida	Pisidiidae	—	—	—	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
					Pisidium sp.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
					Sphaerium sp.	X	X	X	X	X		X	X				X			X			X	X	X			
Acari	—	—	—	—	—	—					X								X									
	Trombidiformes	Arrenuridae	—	—	—	Arrenurus sp.						X																
		Hygrobatidae	—	—	—	Hygrobates sp.						X				X									X			
		Lebertiidae	—	—	—	Lebertia sp.		X			X	X	X	X		X	X		X		X			X				
		Oxidae	—	—	—	Oxus sp.			X	X						X	X		X						X			
		Pionidae	—	—	—	X						X			X	X		X				X				X		
					Forelia sp.														X									
Piona sp.															X													
Insecta	Trichoptera	—	—	—	—	—														X								
		Brachycentridae	—	—	—	Micrasema sp.																	X					
		Hydroptilidae	—	—	—							X																
					Agraylea sp.				X																			
		Phryganeidae	—	—	—	Agrypnia sp.			X									X										
	Diptera	Chironomidae	Chironominae	Chironomini	—	X						X							X									
					Chironomus sp.	X	X	X	X	X	X	X			X		X	X		X	X	X	X		X			
					Dicrotendipes sp.	X	X	X	X		X		X					X		X								
					Microtendipes pedellus gr.	X		X		X	X	X	X		X	X	X	X	X	X			X				X	
					Parachironomus sp.	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X		X			
					Stenochironomus sp.																						X	
					Stictochironomus sp.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	
					Pagastiella sp.								X		X						X			X				
Sergentia sp.	X		X		X	X					X	X		X				X										

Table F-1 Benthic Invertebrate Taxa Documented at Lake Stations in Lac du Sauvage, August 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Lac du Sauvage																						
						Shallow Stations							Mid-Depth Stations							Deep Stations								
						Aa-2	Ab-2	Ac-2	Ac-5	Ac-8	Ad-2	Ae-2	Aa-6	Ab-6	Ac-10	Ac-11	Ac-12	Ad-4	Ae-6	Ae-7	Aa-1	Ab-1	Ac-1	Ac-4	Ac-7	Ad-1	Ae-1	
Insecta	Diptera	Chironomidae	Chironomini	<i>Polypedilum</i> sp.																								
				<i>Dicrotendipes lobiger</i>	X		X		X	X	X	X	X	X		X	X		X		X	X						
			Pseudochironomini	<i>Pseudochironomus</i> sp.																								
				—	X		X			X	X	X	X			X	X	X	X						X			
				<i>Cladotanytarsus</i> sp.							X	X						X	X				X	X				
				<i>Constempellina</i> sp.													X						X	X				
				<i>Paratanytarsus</i> sp.	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X		X			
				<i>Stempellinella</i> sp.				X		X							X											
				<i>Tanytarsus</i> sp.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
				<i>Micropsectra</i> sp.	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X		X		X		
				<i>Corynocera</i> sp.	X	X							X	X														
				Diamesinae	Diamesini	<i>Potthastia longimana</i> gr.				X		X												X				
			Protanypini		<i>Protanypus</i> sp.				X	X		X		X		X	X	X		X			X	X		X	X	
			Orthoclaadiinae	—	<i>Corynoneura</i> sp.				X		X	X		X		X		X		X				X				
				—	<i>Cricotopus</i> sp.	X												X										
				—	<i>Heterotrissocladius marcidus</i> gr.	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X			X		
				—	<i>Hydrobaenus</i> sp.				X		X								X									
				—	<i>Orthocladus</i> sp.	X							X					X										
				—	<i>Zalutschia</i> sp.		X	X	X	X	X	X	X		X	X	X	X	X		X		X	X		X		
				—	<i>Psectrocladius</i> sp.	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X				
			Prodiamesinae	—	<i>Monodiamesa</i> sp.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	
			Tanypodinae	Pentaneurini	<i>Ablabesmyia</i> sp.	X		X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		X	X
					<i>Larsia</i> sp.						X																	
					<i>Thienemannimyia</i> gr. sp.	X	X	X	X		X	X		X					X	X	X			X				
				Procladiini	<i>Procladius</i> sp.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Empididae	—	—	—				X		X	X			X				X									

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.

Table F-2 Benthic Invertebrate Taxa Documented at Littoral Stations in Lac du Sauvage, August 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Lac du Sauvage						
						Station Aa-3	Station Ab-3	Station Ac-3	Station Ac-6	Station Ac-9	Station Ad-3	Station Ae-3
Oligochaeta	Tubificida	Naididae	—	—	<i>Nais</i> sp.	X		X		X	X	X
			—	—	<i>Uncinais uncinata</i>	X	X		X	X	X	X
		Tubificidae	—	—	—			X		X		
		Enchytraeidae	—	—	—			X				
	Lumbriculida	Lumbriculidae	—	—	—		X	X	X	X	X	
Gastropoda	—	—	—	—	—		X	X	X	X	X	X
	Basommatophora	Lymnaeidae	—	—	—							X
			—	—	<i>Stagnicola</i> sp.							X
		Physidae	—	—	<i>Physa</i> sp.			X	X	X	X	X
		Planorbidae	—	—	—		X	X	X	X	X	X
					<i>Gyraulus</i> sp.	X		X	X	X	X	X
	Heterostrophia	Valvatidae	—	—	<i>Valvata</i> sp.	X	X	X	X	X	X	X
Bivalvia	Veneroida	Pisidiidae	—	—	—	X	X		X			
			—	—	<i>Pisidium</i> sp.	X						
Acari	Trombidiformes	—	—	—	—		X	X			X	
		Hygrobatidae	—	—	<i>Hygrobat</i> sp.	X				X	X	X
		Lebertiidae	—	—	<i>Lebertia</i> sp.	X	X	X	X	X	X	X
		Limnesiidae	—	—	<i>Limnesia</i> sp.		X					
		Oxidae	—	—	<i>Oxus</i> sp.						X	
		Pionidae	—	—	—		X					X
					<i>Piona</i> sp.					X		X
	Sarcoptiformes	Oribatei	—	—	—	X						X
Insecta	Coleoptera	Dytiscidae	Colymbetinae	—	<i>Agabus</i> sp.		X		X		X	
			Hydroporinae	—	<i>Oreodytes</i> sp.		X				X	X
	Plecoptera	Capniidae	—	—	—		X		X			
		Nemouridae	—	—	—					X	X	X
			—	—	<i>Nemoura</i> sp.		X	X		X	X	X
		Perlodidae	—	—	—					X		
			—	—	<i>Arcynopteryx/Skwala</i> sp.			X				
	Trichoptera	Apataniidae	—	—	<i>Apatania</i> sp.	X		X				
		Hydroptilidae	—	—	<i>Agraylea</i> sp.	X	X	X	X	X	X	X
		Leptoceridae	—	—	<i>Mystacides</i> sp.		X					
		Limnephilidae	—	—	—		X	X	X		X	X
	Diptera	Chironomidae	Ceratopogoninae	Chironomini	<i>Bezzia/Palpomyia</i> sp.							X
					<i>Chironomus</i> sp.		X					
					<i>Cryptochironomus</i> sp.	X	X				X	
					<i>Demicryptochironomus</i> sp.	X	X		X		X	
					<i>Dicrotendipes</i> sp.	X	X	X			X	X

Table F-2 Benthic Invertebrate Taxa Documented at Littoral Stations in Lac du Sauvage, August 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Lac du Sauvage						
						Station Aa-3	Station Ab-3	Station Ac-3	Station Ac-6	Station Ac-9	Station Ad-3	Station Ae-3
Insecta	Diptera	Chironomidae	Chironominae	Chironomini	<i>Paracladopelma</i> sp.	X						
					<i>Polypedilum</i> sp.							X
					<i>Stictochironomus</i> sp.	X	X	X	X	X	X	X
				Pseudochironomini	<i>Pseudochironomus</i> sp.							X
					—					X		
				Tanytarsini	<i>Cladotanytarsus</i> sp.	X					X	X
					<i>Paratanytarsus</i> sp.	X	X		X	X	X	X
					<i>Tanytarsus</i> sp.		X		X	X	X	X
					<i>Micropsectra</i> sp.		X		X		X	
			Diamesinae	Diamesini	<i>Potthastia longimana</i> gr.	X	X					X
			Orthoclaadiinae	—	<i>Corynoneura</i> sp.	X	X	X	X		X	X
					<i>Cricotopus</i> sp.	X	X	X	X	X	X	X
					<i>Heterotrissocladius marcidus</i> gr.	X	X	X	X		X	X
					<i>Hydrobaenus</i> sp.	X	X				X	
					<i>Orthocladus</i> sp.		X	X	X	X	X	X
					<i>Parakiefferiella</i> sp.	X					X	
					<i>Pseudosmittia</i> sp.	X	X	X	X	X	X	X
					<i>Synorthocladus</i> sp.				X			X
					<i>Zalutschia</i> sp.		X	X	X	X	X	X
					<i>Psectrocladius</i> sp.	X	X	X	X	X	X	X
			Tanypodinae	Pentaneurini	<i>Ablabesmyia</i> sp.		X					
					<i>Thienemannimyia</i> gr. sp.							X
				Procladiini	<i>Procladius</i> sp.	X	X		X	X	X	X
		Empididae	—	—	—	X			X		X	X
		—	—	—	<i>Trichoclinocera</i> sp.						X	
		Muscidae	—	—	—	—		X				
		Tipulidae	—	—	—	<i>Tipula</i> sp.	X	X			X	X
Total Taxa Richness						28	36	22	26	23	34	34

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.

Table F-3 Benthic Invertebrate Taxa Documented at Lake Stations in Duchess Lake, Lake Af1, Lake E1, and Lake C1, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Duchess Lake				Lake Af1	Lake E1		Lake C1
						Shallow Stations		Deep Stations		Deep Station	Shallow Station	Deep Station	Deep Station
						Af-2	Af-4	Af-1	Af-7	Af-10	E-L1-2	E-L1-1	C-L1
Cnidaria/Hydrozoa	Anthoathecatae	Hydridae	—	—	<i>Hydra</i> sp.				X				
Turbellaria	—	—	—	—	—	X	X						
Oligochaeta	Tubificida	Naididae	—	—	<i>Nais</i> sp.		X			X			X
					<i>Specaria josinae</i>	X	X	X		X	X		
					<i>Vejdovskyella comata</i>		X		X		X		
					<i>Uncinais uncinata</i>		X						
		Tubificidae	—	—	<i>Limnodrilus hoffmeisteri</i>	X					X		
					—	X	X	X	X	X	X	X	X
					<i>Rhyacodrilus coccineus</i>		X				X		
		Enchytraeidae	—	—	—		X				X		
	Lumbriculida	Lumbriculidae	—	—	—	X	X			X	X		
Gastropoda	Basommatophora	Planorbidae	—	—	—		X						
	Heterostrophia	Valvatidae	—	—	<i>Valvata</i>	X	X			X	X	X	
Bivalvia	Veneroida	Pisidiidae	—	—	—	X	X	X	X	X	X	X	X
					<i>Pisidium</i> sp.	X	X	X	X	X	X	X	X
					<i>Sphaerium</i> sp.	X	X		X		X		X
Acari	—	—	—	—	—						X		
		Lebertiidae	—	—	<i>Lebertia</i> sp.		X		X		X	X	X
		Oxidae	—	—	<i>Oxus</i> sp.		X		X		X		
		Pionidae	—	—	—	X	X						X
					<i>Forelia</i> sp.		X						X
					<i>Piona</i> sp.		X						
Insecta	Trichoptera	Leptoceridae	—	—	<i>Oecetis</i> sp.						X		
		Limnephilidae	—	—	—						X		
		Molannidae	—	—	<i>Molannodes</i> sp.		X						
	Diptera	Chironomidae	Chironominae	Chironomini	<i>Chironomus</i> sp.	X	X	X	X	X	X	X	X
					<i>Cladopelma</i> sp.		X	X	X	X	X	X	X
					<i>Cryptochironomus</i> sp.	X	X	X	X		X		X
					<i>Dicrotendipes</i> sp.	X	X		X	X	X		X
					<i>Endochironomus</i> sp.		X				X		
					<i>Glyptotendipes</i> sp.		X		X	X	X		X
					<i>Microtendipes pedellus</i> gr.	X	X	X	X	X	X		X
					<i>Parachironomus</i> sp.	X	X				X		X
					<i>Paracladopelma</i> sp.						X		
					<i>Paratendipes</i> sp.		X						

Table F-3 Benthic Invertebrate Taxa Documented at Lake Stations in Duchess Lake, Lake Af1, Lake E1, and Lake C1, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Duchess Lake				Lake Af1	Lake E1		Lake C1
						Shallow Stations		Deep Stations		Deep Station	Shallow Station	Deep Station	Deep Station
						Af-2	Af-4	Af-1	Af-7	Af-10	E-L1-2	E-L1-1	C-L1
Insecta	Diptera	Chironomidae	Chironominae	Chironomini	<i>Stictochironomus</i> sp.	X	X				X	X	
					<i>Pagastiella</i> sp.						X	X	X
					<i>Sergentia</i> sp.		X	X	X	X			X
					<i>Polypedilum</i> sp.	X	X		X	X	X	X	X
				Pseudochironomini	<i>Pseudochironomus</i> sp.						X		
					—	X	X			X			
				Tanytarsini	<i>Cladotanytarsus</i> sp.		X	X			X	X	X
					<i>Paratanytarsus</i> sp.		X				X	X	
					<i>Stempellinella</i> sp.							X	
					<i>Tanytarsus</i> sp.	X	X	X	X	X	X	X	X
					<i>Micropsectra</i> sp.	X							X
					<i>Corynocera</i> sp.		X				X		X
			Diamesinae	Diamesini	<i>Potthastia longimana</i> gr.	X	X						
				Protanypini	<i>Protanypus</i> sp.						X		
			Orthoclaadiinae	—	—				X		X		
					<i>Corynoneura</i> sp.					X			
					<i>Cricotopus</i> sp.	X							
					<i>Heterotrissocladius marcidus</i> gr.	X	X	X	X		X		X
					<i>Hydrobaenus</i> sp.		X						
					<i>Orthocladus</i> sp.		X			X			
					<i>Parakiefferiella</i> sp.		X				X		
					<i>Zalutschia</i> sp.	X	X	X	X	X	X	X	X
					<i>Psectrocladius</i> sp.	X	X	X	X		X	X	X
					<i>Doncricotopus</i> sp.					X			
			Prodiamesinae	—	<i>Monodiamesa</i> sp.	X		X	X		X	X	
					<i>Ablabesmyia</i> sp.	X	X	X	X		X		X
				Procladiini	<i>Procladius</i> sp.	X	X	X	X	X	X	X	X
		Empididae	—	—	—	X	X				X		

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.

Table F-4 Benthic Invertebrate Taxa Documented at Littoral Stations in Duchess Lake, Lake Af1, and Lake E1, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Duchess Lake		Lake Af1	Lake E1
						Station Af-3	Station Af-6	Station Af-12	Station E-L1-3
Oligochaeta	Tubificida	Naididae	—	—	<i>Nais</i> sp.		X	X	
					<i>Uncinaiis uncinata</i>		X	X	
	Lumbriculida	Lumbriculidae	—	—	—	X	X	X	X
Gastropoda	—	—	—	—	—	X			
		Physidae	—	—	<i>Physa</i> sp.	X		X	
		Planorbidae	—	—	—	X			
					<i>Gyraulus</i> sp.	X		X	
	Heterostropho	Valvatidae	—	—	<i>Valvata</i> sp.	X		X	
Bivalvia	Veneroida	Pisidiidae	—	—	—			X	X
					<i>Pisidium</i> sp.			X	X
Acari	Trombidiformes	—	—	—	—		X		
		Hygrobatidae	—	—	<i>Hygrobates</i> sp.	X	X		
		Lebertiidae	—	—	<i>Lebertia</i> sp.	X	X	X	
		Pionidae	—	—	—		X		
					<i>Piona</i> sp.		X		
Insecta	Coleoptera	Dytiscidae	Colymbetinae	—	<i>Agabus</i> sp.	X		X	
			Hydroporinae	—	<i>Oreodytes</i> sp.	X	X	X	X
					<i>Stictotarsus</i> sp.			X	
		Nemouridae	—	—	—	X	X	X	
					<i>Nemoura</i> sp.		X	X	
		Perlodidae	—	—	—	X			
					<i>Arcynopteryx/Skwala</i> sp.	X			
	Trichoptera	Apataniidae	—	—	<i>Apatania</i> sp.	X			
		Hydroptilidae	—	—	<i>Agraylea</i> sp.	X			
		Leptoceridae	—	—	<i>Mystacides</i> sp.	X	X	X	X
		Limnephilidae	—	—	—	X			
		Phryganeidae	—	—	<i>Agrypnia</i> sp.				X
	Diptera	Ceratopogonidae	Ceratopogoninae	—	<i>Bezzia/Palpomyia</i> sp.		X	X	
			Dasyheleinae	—	<i>Dasyhelea</i> sp.				X
		Chironomidae	Chironominae	Chironomini	<i>Cryptochironomus</i> sp.		X	X	
					<i>Demicryptochironomus</i> sp.	X	X	X	
					<i>Dicrotendipes</i> sp.	X	X	X	X
					<i>Endochironomus</i> sp.				X
					<i>Glyptotendipes</i> sp.			X	X
					<i>Microtendipes pedellus</i> gr.				X
					<i>Paratendipes</i> sp.		X		
					<i>Stictochironomus</i> sp.		X	X	X

Table F-4 Benthic Invertebrate Taxa Documented at Littoral Stations in Duchess Lake, Lake Af1, and Lake E1, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Duchess Lake		Lake Af1	Lake E1
						Station Af-3	Station Af-6	Station Af-12	Station E-L1-3
Insecta	Diptera	Chironomidae	Chironominae	Tanytarsini	—		X		X
					<i>Cladotanytarsus</i> sp.	X	X	X	X
					<i>Paratanytarsus</i> sp.	X	X	X	X
					<i>Tanytarsus</i> sp.		X	X	X
			Diamesinae	Diamesini	<i>Potthastia longimana</i> gr.		X	X	
			Orthoclaadiinae	—	—	X			
					<i>Corynoneura</i> sp.	X	X	X	
					<i>Cricotopus</i> sp.		X	X	X
					<i>Heterotrissocladius marcidus</i> gr.	X	X	X	
					<i>Limnophyes</i> sp.				X
					<i>Orthocladus</i> sp.	X			
					<i>Parakiefferiella</i> sp.				X
					<i>Pseudosmittia</i> sp.		X		
					<i>Zalutschia</i> sp.		X	X	X
					<i>Psectrocladius</i> sp.	X	X	X	
			Tanypodinae	Pentaneurini	<i>Ablabesmyia</i> sp.	X			X
					<i>Thienemannimyia</i> gr. sp.	X			
				Procladiini	<i>Procladius</i> sp.		X	X	X
		Empididae	—	—	—		X		X
		Tipulidae	—	—	<i>Tipula</i> sp.		X		X

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.

Table F-5 Benthic Invertebrate Taxa Documented at Lake Stations in Paul Lake, September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Paul Lake				
						Mid-Depth Stations				Deep Station
						PL-1	PL-2	PL-4	PL-5	PL-3
Turbellaria	—	—	—	—	—	X				
Oligochaeta	Tubificida	Naididae	—	—	<i>Dero digitata</i>	X				
					<i>Nais</i> sp.				X	
					<i>Specaria josinae</i>	X	X	X		
					<i>Vejdovskyella comata</i>				X	
					—	X	X	X	X	X
					<i>Tasserkidrilus americanus</i>				X	
	Lumbriculida	Lumbriculidae	—	—	—	X				
Gastropoda	Basommatophora	Planorbidae	—	—	<i>Gyraulus</i> sp.				X	
	Heterostrophia	Valvatidae	—	—	<i>Valvata</i>				X	
Bivalvia	Veneroida	Pisidiidae	—	—	—	X	X	X	X	X
			—	—	<i>Pisidium</i> sp.	X	X	X	X	X
			—	—	<i>Sphaerium</i> sp.	X		X	X	X
Acari	—	Lebertiidae	—	—	<i>Lebertia</i> sp.	X	X		X	
		Limnesiidae	—	—	<i>Limnesia</i> sp.	X	X		X	
		Pionidae	—	—	—		X	X		
			—	—	<i>Piona</i> sp.	X	X			
		Unionicolidae	—	—	<i>Neumania</i> sp.				X	
Insecta	Trichoptera	Phryganeidae	—	—	—				X	
	Diptera	Chironomidae	Chironominae	Chironomini	<i>Chironomus</i> sp.	X	X	X	X	X
					<i>Cladopelma</i> sp.	X	X	X	X	
					<i>Cryptochironomus</i> sp.	X	X		X	
					<i>Dicrotendipes</i> sp.		X		X	X
					<i>Endochironomus</i> sp.		X	X		
					<i>Glyptotendipes</i> sp.	X	X	X	X	
					<i>Microtendipes pedellus</i> gr.	X	X	X	X	X
					<i>Parachironomus</i> sp.				X	
					<i>Phaenopsectra</i> sp.			X	X	
					<i>Stictochironomus</i> sp.	X		X	X	X
					<i>Pagastiella</i> sp.	X				X
					<i>Sergentia</i> sp.	X	X	X	X	X
					<i>Polypedilum</i> sp.		X		X	X
				Pseudochironomini	<i>Pseudochironomus</i> sp.				X	
				Tanytarsini	—		X		X	X
					<i>Cladotanytarsus</i> sp.	X	X	X	X	
					<i>Constempellina</i> sp.			X		

Table F-5 Benthic Invertebrate Taxa Documented at Lake Stations in Paul Lake, September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Paul Lake				
						Mid-Depth Stations				Deep Station
						PL-1	PL-2	PL-4	PL-5	PL-3
Insecta	Diptera	Chironomidae	Chironominae	Tanytarsini	<i>Paratanytarsus</i> sp.				X	
					<i>Stempellinella</i> sp.				X	
					<i>Tanytarsus</i> sp.	X	X	X	X	X
					<i>Micropsectra</i> sp.				X	X
					<i>Corynocera</i> sp.				X	
			Orthoclaadiinae	—	<i>Corynoneura</i> sp.		X		X	X
					<i>Cricotopus</i> sp.	X				X
					<i>Heterotrissocladius marcidus</i> gr.			X	X	X
					<i>Hydrobaenus</i> sp.				X	
					<i>Zalutschia</i> sp.	X	X	X	X	X
					<i>Psectrocladius</i> sp.	X	X	X	X	
					<i>Heterotanytarsus</i> sp.				X	
			Prodiamesinae	—	<i>Monodiamesa</i> sp.	X			X	
					<i>Ablabesmyia</i> sp.	X	X		X	
				Procladiini	<i>Procladius</i> sp.	X	X	X	X	X

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.

Table F-6 Benthic Invertebrate Taxa Documented at Stream Stations in the Lac du Sauvage Basin, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Stream Ab1	Stream E2					Stream G1	Stream L1
						Station Ab-S1	Station E-S2-1	Station E-S2-2	Station E-S2-3	Station E-S2-4	Station E-S2-5	Station G-S1	Station L-S1
Cnidaria/Hydrozoa	Anthoathecatae	Hydridae	—	—	<i>Hydra</i> sp.	X						X	
Turbellaria	—	—	—	—	—	X		X	X	X			
Nematoda	—	—	—	—	—	X	X	X	X	X	X	X	X
Oligochaeta	Lumbriculida	Lumbriculidae	—	—	—	X	X	X	X	X	X	X	X
	Tubificida	Tubificidae	—	—	—	X			X	X			
		Enchytraeidae	—	—	—				X	X	X		X
		Naididae	—	—	<i>Chaetogaster diastrophus</i>	X				X			
					<i>Nais</i> sp.	X	X		X	X	X	X	
					<i>Pristina jenkiniae</i>						X		
					<i>Vejdovskyella comata</i>				X	X			
Gastropoda	Basommatophora	Planorbidae	—	—	<i>Gyraulus</i> sp.	X							
	Heterostrophia	Valvatidae	—	—	<i>Valvata</i> sp.	X				X	X	X	
Bivalvia	Veneroida	—	—	—	—					X			
		Sphaeriidae	—	—	—		X			X	X		X
			—	—	<i>Pisidium</i> sp.		X				X		X
Acari	Sarcoptiformes	Oribatei	—	—	—	X		X	X	X	X		X
	Trombidiformes	Arrenuridae	—	—	<i>Arrenurus</i> sp.	X		X	X	X			
		Hygrobatidae	—	—	<i>Hygrobates</i> sp.	X		X			X	X	
		Hygrobatidae	—	—	<i>Atractides</i> sp.						X		
		Lebertiidae	—	—	<i>Lebertia</i> sp.	X	X	X	X	X	X	X	X
		Oxidae	—	—	<i>Oxus</i> sp.	X							
		Pionidae	—	—	—					X		X	
		Sperchontidae	—	—	<i>Sperchon</i> sp.		X	X			X	X	
		Unionicolidae	—	—	<i>Neumania</i> sp.				X				
Ostracoda	—	—	—	—	—	X	X	X	X	X	X	X	X
Insecta	Ephemeroptera	Baetidae	—	—	<i>Baetis</i>						X	X	
		Ephemerellidae	—	—	<i>Ephemerella aurivillii</i>	X	X			X	X	X	
	Plecoptera	Chloroperlidae	—	—	—				X				
		Nemouridae	—	—	<i>Nemoura</i> sp.	X	X	X			X	X	
	Hemiptera	Corixidae	—	—	<i>Callicorixa</i> sp.					X			
	Trichoptera	Apataniidae	—	—	<i>Apatania</i> sp.	X							
		Brachycentridae	—	—	<i>Brachycentrus americanus</i>			X			X	X	
					<i>Micrasema</i> sp.						X		
		Hydroptilidae	—	—	<i>Agraylea</i> sp.	X						X	
					<i>Oxyethira</i> sp.		X						
		Leptoceridae	—	—	<i>Mystacides</i> sp.			X	X				
		Limnephilidae	—	—	—	X							
		Molannidae	—	—	<i>Molannodes</i> sp.				X	X			
		Phryganeidae	—	—	<i>Agrypnia</i> sp.				X	X	X		
	Coleoptera	Dytiscidae	Colymbetinae	—	<i>Ilybius</i> sp.	X							
		Halipilidae	—	—	<i>Halipilus</i> sp.				X	X			

Table F-6 Benthic Invertebrate Taxa Documented at Stream Stations in the Lac du Sauvage Basin, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Stream Ab1	Stream E2					Stream G1	Stream L1
						Station Ab-S1	Station E-S2-1	Station E-S2-2	Station E-S2-3	Station E-S2-4	Station E-S2-5	Station G-S1	Station L-S1
Insecta	Diptera	Chironomidae	Ceratopogoninae	—	—		X		X	X	X		X
					<i>Bezzia/Palpomyia</i> sp.		X	X	X	X	X		X
			Chironominae	Chironomini	<i>Chironomus</i> sp.	X			X	X		X	X
					<i>Cladopelma</i> sp.								X
					<i>Cryptochironomus</i> sp.	X	X		X	X	X		X
					<i>Demicryptochironomus</i> sp.		X				X		
					<i>Dicrotendipes</i> sp.		X		X	X	X	X	X
					<i>Endochironomus</i> sp.				X				
					<i>Microtendipes pedellus</i> gr.			X	X	X	X		X
					<i>Parachironomus</i> sp.	X		X					
					<i>Paracladopelma</i> sp.	X	X						
					<i>Paratendipes</i> sp.								X
					<i>Phaenopsectra</i> sp.		X	X	X	X			X
					<i>Polypedilum</i> sp.		X	X	X	X	X	X	X
					<i>Stictochironomus</i> sp.	X			X	X			X
					<i>Sergentia</i> sp.	X	X	X	X	X			
				Pseudochironomini	<i>Pseudochironomus</i> sp.				X				
				Tanytarsini	<i>Cladotanytarsus</i> sp.	X	X	X	X	X	X	X	X
					<i>Constempellina</i> sp.	X	X	X	X	X	X		X
					<i>Paratanytarsus</i> sp.	X	X	X	X	X	X		X
					<i>Rheotanytarsus exiguus</i> gr.		X	X	X	X	X	X	
					<i>Stempellinella</i> sp.	X	X						
					<i>Tanytarsus</i> sp.	X	X	X	X	X	X	X	X
					<i>Micropsectra</i> sp.	X							
					<i>Corynocera</i> sp.	X							
					<i>Potthastia longimana</i> gr.	X	X	X	X		X		X
			Diamesinae	Diamesini	<i>Pseudokiefferiella</i> sp.			X			X	X	
			Orthoclaadiinae	—	<i>Corynoneura</i> sp.	X	X	X	X	X	X	X	X
					<i>Cricotopus</i> sp.	X	X	X	X	X	X	X	X
					<i>Heterotrissocladius marcidus</i> gr.	X				X	X	X	X
					<i>Hydrobaenus</i> sp.				X				
					<i>Limnophyes</i> sp.		X			X			X
					<i>Nanocladius</i> sp.	X	X	X	X	X	X	X	
					<i>Orthocladius</i> sp.	X	X	X	X	X	X	X	X
					<i>Parakiefferiella</i> sp.		X	X	X	X	X	X	X
					<i>Paraphaenocladius</i> sp.		X					X	
					<i>Pseudosmittia</i> sp.	X						X	
					<i>Synorthocladius</i> sp.	X	X	X			X	X	
					<i>Thienemanniella</i> sp.						X	X	
					<i>Tvetenia bavarica</i> gr.	X	X				X	X	
					<i>Zalutschia</i> sp.	X				X	X		

Table F-6 Benthic Invertebrate Taxa Documented at Stream Stations in the Lac du Sauvage Basin, August and September 2013

Major Group	Order	Family	Subfamily	Tribe	Genus Species	Stream Ab1	Stream E2					Stream G1	Stream L1
						Station Ab-S1	Station E-S2-1	Station E-S2-2	Station E-S2-3	Station E-S2-4	Station E-S2-5	Station G-S1	Station L-S1
Insecta	Diptera	Chironomidae	Orthocladiinae	—	<i>Psectrocladius</i> sp.	X	X	X	X	X	X		X
					<i>Doncricotopus</i> sp.	X	X	X		X	X		
					<i>Euryhapsis</i> sp.						X	X	
					<i>Tokunagaia</i> sp.							X	
			Tanypodinae	Pentaneurini	—	X	X						
					<i>Thienemannimyia</i> gr. sp.	X	X	X	X	X	X	X	X
					<i>Ablabesmyia</i> (<i>Karelia</i>) sp.	X	X		X	X			X
					<i>Procladius</i> sp.	X	X	X	X	X	X		X
		Empididae	—	—	—			X					
		Muscidae	—	—	—					X			
		Simuliidae	—	—	—								X
		Simuliidae	—	—	<i>Simulium</i> sp.		X	X			X		
		Tipulidae	—	—	<i>Tipula</i> sp.	X		X	X	X	X	X	

X = present; — = not identified to this taxonomic level; sp. = species; gr. = group.