

Aquatic Invertebrate Data Sheet

Mary Lake Town of Huntsville

Common Name	Site 1 ^R						Scientific Name
	2007			2008			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms				1			Turbellaria
Roundworms						4	Nematoda
Aquatic Earthworms	28	30	24	8	5	10	Oligochaeta
Leeches	1			1			Hirudinaea
Sow Bugs	29	19	17	32	8	5	Isopoda
Clams			2				Pelecypoda
Fairy Shrimp	30	47	45	59	62	48	Amphipoda
Crayfish							Decapoda
Mites				28	10		Hydracarina
Mayflies		12	8	6	12	20	Ephemeroptera
Dragonflies	1		2				Anisoptera
Damselflies			1				Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies	5	4	5		1	2	Megaloptera
Caddisflies	4	17	5	8	5	21	Trichoptera
Aquatic Moths				1			Lepidoptera
Beetles			1				Coleoptera
Snails & Limpets	4	1	1				Gastropoda
Midges	18	17	17	8	23	30	Chironomidae
Horse & Deer Flies					1		Tabanidae
Mosquitos	1						Culicidae
No-see-ums		2	1			1	Ceratopogonidae
Craneflies						4	Tipulidae
Blackflies							Simuliidae
Misc. True Flies							Misc. Diptera
Total Count	121	149	129	152	127	145	
Number of Taxa	10	9	13	10	9	10	
							Muskoka Average *
Richness		15			15		13
% EOT		13			17		26
% Chironimids		13			14		12
% Predators		6			11		24
% Shredders		7			9		2
% Collectors/Gatherers		86			79		69
Hilsenhoff Index		6.66			6.17		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.

Aquatic Invertebrate Data Sheet

Mary Lake Town of Huntsville

Common Name	Site 2			Scientific Name
	2009			
	1	2	3	
Hydras				Coelenterata
Flatworms	2	1	1	Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	1	6		Oligochaeta
Leeches	1			Hirudinaea
Sow Bugs	77	41	41	Isopoda
Clams				Pelecypoda
Fairy Shrimp	78	75	130	Amphipoda
Crayfish				Decapoda
Mites				Hydracarina
Mayflies	1	12		Ephemeroptera
Dragonflies				Anisoptera
Damselflies				Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	18	14	16	Trichoptera
Aquatic Moths				Lepidoptera
Beetles			1	Coleoptera
Snails & Limpets	1	1	2	Gastropoda
Midges	10	11	3	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	189	161	194	
Number of Taxa	9	8	7	
				Muskoka Average *
Richness		10		13
% EOT		11		26
% Chironimids		4		12
% Predators		1		24
% Shredders		9		2
% Collectors/Gatherers		89		69
Hilsenhoff Index		6.45		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.