

Aquatic Invertebrate Data Sheet

Mary Lake Town of Huntsville

Common Name	Site 1									Scientific Name
	2007			2008			2011			
	1	2	3	1	2	3	1	2	3	
Hydras										Coelenterata
Flatworms				1			5	12	9	Turbellaria
Roundworms						4				Nematoda
Aquatic Earthworms	28	30	24	8	5	10	24	26	21	Oligochaeta
Leeches	1			1						Hirudinaea
Sow Bugs	29	19	17	32	8	5	103	192	91	Isopoda
Clams			2				2		7	Pelecypoda
Fairy Shrimp	30	47	45	59	62	48	53	64	120	Amphipoda
Crayfish										Decapoda
Mites				28	10			1	2	Hydracarina
Mayflies		12	8	6	12	20	5		2	Ephemeroptera
Dragonflies	1		2					1	1	Anisoptera
Damselflies			1							Zygoptera
Stoneflies										Plecoptera
True Bugs										Hemiptera
Fishflies & Alderflies	5	4	5		1	2	5	5	4	Megaloptera
Caddisflies	4	17	5	8	5	21	9	24	32	Trichoptera
Aquatic Moths				1						Lepidoptera
Beetles			1					2	3	Coleoptera
Snails & Limpets	4	1	1				10	9	6	Gastropoda
Midges	18	17	17	8	23	30	8	6	12	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	224	342	310	
Number of Taxa	10	9	13	10	9	10	10	11	13	
										Muskoka Average *
Richness		15		15			13			13
% EOT		13		17			8			26
% Chironimids		13		14			3			12
% Predators		6		11			6			24
% Shredders		7		9			7			2
% Collectors/Gatherers		86		79			83			69
Hilsenhoff Index		6.66		6.17			6.86			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.