

Aquatic Invertebrate Data Sheet

Little Long Lake Township of Muskoka Lakes

Common Name	Site 1 ^R			Scientific Name
	2009			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms			4	Oligochaeta
Leeches		1		Hirudinaea
Sow Bugs				Isopoda
Clams			5	Pelecypoda
Fairy Shrimp	48	25	12	Amphipoda
Crayfish				Decapoda
Mites	5	2	1	Hydracarina
Mayflies	16	40	11	Ephemeroptera
Dragonflies	18	26	21	Anisoptera
Damselflies	12	16	5	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies		2	1	Megaloptera
Caddisflies	33	34	15	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	1	1		Coleoptera
Snails & Limpets		1		Gastropoda
Midges	20	16	37	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums		1		Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies	2			Misc. Diptera
Total Count	155	165	112	
Number of Taxa	9	12	10	
				Muskoka Average *
Richness		15		13
% EOT		57		26
% Chironimids		17		12
% Predators		26		24
% Shredders		19		2
% Collectors/Gatherers		54		69
Hilsenhoff Index		5.58		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.