THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

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			**14**
% EOT	57			**22**
% Chironimids	17			**12**
% Predators	26			**23**
% Shredders	19			**3**
% Collectors/Gatherers	54			**70**
Hilsenhoff Index	5.58			**6.10**

R = Reference Site

* The Muskoka Average is based on 147 samples collected at 76 reference sites between 2004 and 2011. Reference sites from 9 mesotrophic and 26 oligotrophic lakes throughout Muskoka were used.