THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

Long's Lake

Town of Huntsville

Common Name	Site 1 [R] 2010			Scientific Name
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms	1	3		Nematoda
Aquatic Earthworms	1		1	Oligochaeta
Leeches				Hirudinaea
Sow Bugs	6	8	5	Isopoda
Clams			2	Pelecypoda
Fairy Shrimp	17	9	10	Amphipoda
Crayfish				Decapoda
Mites	6	2		Hydracarina
Mayflies	22	9	8	Ephemeroptera
Dragonflies	5	6	13	Anisoptera
Damselflies	5	7	6	Zygoptera
Stoneflies				Plecoptera
True Bugs	1		1	Hemiptera
Fishflies & Alderflies	5	7	13	Megaloptera
Caddisflies		2	1	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	17	27	18	Coleoptera
Snails & Limpets	9	8	11	Gastropoda
Midges	14	14	12	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies		1		Misc. Diptera
Total Count	109	103	101	
Number of Taxa	13	13	13	
				Muskoka Average *
Richness	16			**14**
% EOT	27			**22**
% Chironimids	13			**12**
% Predators	44			**23**
% Shredders	1			**3**
% Collectors/Gatherers	44			**70**
Hilsenhoff Index	5.62			**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.