THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

Leech (Porter) Lake

Township of Muskoka Lakes

Common Name	Site 1 R			Scientific Name
	2005			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms				Oligochaeta
Leeches	2	1		Hirudinaea
Sow Bugs				Isopoda
Clams		1		Pelecypoda
Fairy Shrimp			1	Amphipoda
Crayfish				Decapoda
Mites	28	18	13	Hydracarina
Mayflies	1	6	5	Ephemeroptera
Dragonflies	9	13	8	Anisoptera
Damselflies	1	1	5	Zygoptera
Stoneflies				Plecoptera
True Bugs			1	Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	5	12	8	Trichoptera
Aquatic Moths				Lepidoptera
Beetles			1	Coleoptera
Snails & Limpets				Gastropoda
Midges	42	41	14	Chironomidae
Horse & Deer Flies			1	Tabanidae
Mosquitos	1			Culicidae
No-see-ums		2		Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies	1	2	1	Misc. Diptera
Total Count	90	97	58	
Number of Taxa	9	10	11	
				Muskoka Average *
Richness	16			**14**
% EOT	30			**22**
% Chironimids	40			**12**
% Predators	43			**23**
% Shredders	10			**3**
% Collectors/Gatherers	47			**70**
Hilsenhoff Index	6.09			**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.