THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

Clear Lake

Township of Muskoka Lakes

Common Name	Site 1 2015			Scientific Name
	1	2	3	
Hydras				Coelenterata
Flatworms	1			Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	17	10	20	Oligochaeta
Leeches		9	9	Hirudinaea
Sow Bugs	84	65	52	Isopoda
Clams				Pelecypoda
Fairy Shrimp	85	41	19	Amphipoda
Crayfish				Decapoda
Mites	4	4	7	Hydracarina
Mayflies	1			Ephemeroptera
Dragonflies	6	2	7	Anisoptera
Damselflies		1	1	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies			1	Megaloptera
Caddisflies	6	1		Trichoptera
Aquatic Moths				Lepidoptera
Beetles	18	6	18	Coleoptera
Snails & Limpets				Gastropoda
Midges	1		6	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	223	139	140	
Number of Taxa	10	9	10	
				Muskoka Average *
Richness	13			**14**
% EOT	5			**22**
% Chironimids	1			**12**
% Predators	19			**23**
% Shredders	1			**3**
% Collectors/Gatherers	80			**70**
Hilsenhoff Index	6.84			**6.10**

* 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.