THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

South Muskoka River

Town of Bracebridge

Common Name	Site 1 2010			Scientific Name
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms				Oligochaeta
Leeches		1		Hirudinaea
Sow Bugs				Isopoda
Clams		4		Pelecypoda
Fairy Shrimp	96	91	114	Amphipoda
Crayfish				Decapoda
Mites	9	17	4	Hydracarina
Mayflies	9	14	21	Ephemeroptera
Dragonflies	8	5	5	Anisoptera
Damselflies	8	5	14	Zygoptera
Stoneflies				Plecoptera
True Bugs	1			Hemiptera
Fishflies & Alderflies	3	3		Megaloptera
Caddisflies	1	3	2	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	2			Coleoptera
Snails & Limpets	1	5	2	Gastropoda
Midges	6	14	12	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	144	162	174	
Number of Taxa	11	11	8	
				Muskoka Average *
Richness	13			**14**
% EOT	20			**17**
% Chironimids	7			**12**
% Predators	18			**19**
% Shredders	1			**3**
% Collectors/Gatherers	79			**73**
Hilsenhoff Index	5.97			**6.25**

R = Reference Site

* The Muskoka Average is based on 200 samples collected at 82 reference sites between 2007 and 2016. Reference sites from 11 mesotrophic, 1 eutrophic and 29 oligotrophic lakes throughout Muskoka were used.