THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

McKay Lake

Town of Bracebridge

Common Name	Site 1 [R]			Scientific Name
	2018			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms		1		Oligochaeta
Leeches				Hirudinaea
Sow Bugs				Isopoda
Clams				Pelecypoda
Fairy Shrimp	51	66	67	Amphipoda
Crayfish				Decapoda
Mites	16	18	12	Hydracarina
Mayflies	22	17	18	Ephemeroptera
Dragonflies	15	11	18	Anisoptera
Damselflies	7		6	Zygoptera
Stoneflies	1			Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies				Trichoptera
Aquatic Moths				Lepidoptera
Beetles			1	Coleoptera
Snails & Limpets		2	8	Gastropoda
Midges	6	6	3	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums		1	2	Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	118	122	135	
Number of Taxa	7	8	9	
				Muskoka Average *
Richness		11		**14**
% EOT		36		**17**
% Chironimids		5		**12**
% Predators		34		**19**
% Shredders		0		**3**
% Collectors/Gatherers		82		**73**
Hilsenhoff Index		6.93		**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.