

Aquatic Invertebrate Data Sheet

Halfway Lake Town of Bracebridge

Common Name	Site 1			Scientific Name
	2005			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	8	15	1	Oligochaeta
Leeches				Hirudinaea
Sow Bugs				Isopoda
Clams	1		7	Pelecypoda
Fairy Shrimp			8	Amphipoda
Crayfish				Decapoda
Mites	12	26	36	Hydracarina
Mayflies	2	12	15	Ephemeroptera
Dragonflies	7	13	10	Anisoptera
Damselflies	7	1		Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies		2		Megaloptera
Caddisflies	1	7	2	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	9	5	2	Coleoptera
Snails & Limpets		3	5	Gastropoda
Midges	50	26	15	Chironomidae
Horse & Deer Flies		1	2	Tabanidae
Mosquitos		3		Culicidae
No-see-ums	9			Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	106	114	103	
Number of Taxa	10	12	11	
				Muskoka Average *
Richness		15		13
% EOT		24		26
% Chironimids		28		12
% Predators		40		24
% Shredders		3		2
% Collectors/Gatherers		48		69
Hilsenhoff Index		5.99		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.