

Aquatic Invertebrate Data Sheet

Loon Lake Town of Gravenhurst

Common Name	Site 1 ^R			Scientific Name
	2009			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms	1			Nematoda
Aquatic Earthworms	9			Oligochaeta
Leeches				Hirudinaea
Sow Bugs	131	71	162	Isopoda
Clams				Pelecypoda
Fairy Shrimp	92	50	187	Amphipoda
Crayfish				Decapoda
Mites	10		1	Hydracarina
Mayflies	10	1	12	Ephemeroptera
Dragonflies	3	1	1	Anisoptera
Damselflies	4	3	2	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	2	1	5	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	11	1	11	Coleoptera
Snails & Limpets		1		Gastropoda
Midges	3	1		Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums	2			Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	278	130	381	
Number of Taxa	12	9	8	
				Muskoka Average *
Richness		13		13
% EOT		6		26
% Chironimids		1		12
% Predators		6		24
% Shredders		1		2
% Collectors/Gatherers		92		69
Hilsenhoff Index		6.85		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.