

Aquatic Invertebrate Data Sheet

Pine Lake Town of Gravenhurst

Common Name	Site 1 ^R			Scientific Name
	2008			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms			2	Nematoda
Aquatic Earthworms	4	2	1	Oligochaeta
Leeches				Hirudinaea
Sow Bugs				Isopoda
Clams				Pelecypoda
Fairy Shrimp	7	10	34	Amphipoda
Crayfish				Decapoda
Mites	21	10	7	Hydracarina
Mayflies	2	2		Ephemeroptera
Dragonflies	3	8	10	Anisoptera
Damselflies	74	65	35	Zygoptera
Stoneflies				Plecoptera
True Bugs		1		Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	1	5	8	Trichoptera
Aquatic Moths				Lepidoptera
Beetles		1		Coleoptera
Snails & Limpets				Gastropoda
Midges	5	7	6	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums			3	Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies	2			Misc. Diptera
Total Count	119	111	106	
Number of Taxa	9	10	9	
				Muskoka Average *
Richness		13		13
% EOT		63		26
% Chironimids		5		12
% Predators		71		24
% Shredders		4		2
% Collectors/Gatherers		24		69
Hilsenhoff Index		6.43		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.