

Aquatic Invertebrate Data Sheet

North Muldrew Lake Town of Gravenhurst

Common Name	Site 1 ^R						Scientific Name
	2006			2007			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms		4	1				Nematoda
Aquatic Earthworms			1	7	6		Oligochaeta
Leeches			1		1		Hirudinaea
Sow Bugs	12	1	8	48	48	53	Isopoda
Clams				8	44		Pelecypoda
Fairy Shrimp	48	65	49	66		47	Amphipoda
Crayfish							Decapoda
Mites	2	2	1	8	3	5	Hydracarina
Mayflies	24	16	16	5	3	2	Ephemeroptera
Dragonflies	3	6	5	5	7	1	Anisoptera
Damselflies	9	16	8	10	13	1	Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies							Megaloptera
Caddisflies			4	3			Trichoptera
Aquatic Moths							Lepidoptera
Beetles	1	1	8	2	2	1	Coleoptera
Snails & Limpets		2	2				Gastropoda
Midges	8	7	24	18	20	5	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos							Culicidae
No-see-ums	1		2	3	4	2	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies							Misc. Diptera
Total Count	108	120	130	183	151	117	
Number of Taxa	9	10	14	12	11	9	
							Muskoka Average *
Richness		15			13		13
% EOT		30			11		26
% Chironimids		11			10		12
% Predators		19			15		24
% Shredders		1			1		2
% Collectors/Gatherers		79			66		69
Hilsenhoff Index		6.16			6.48		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.