

Aquatic Invertebrate Data Sheet

Lake Vernon - Tawingo College Town of Huntsville

Common Name	Site 1 ^R						Scientific Name
	2009			2010			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms							Nematoda
Aquatic Earthworms	2	1	2	3	3		Oligochaeta
Leeches							Hirudinaea
Sow Bugs							Isopoda
Clams							Pelecypoda
Fairy Shrimp	94	94	98	60	64	88	Amphipoda
Crayfish							Decapoda
Mites	3	2	3	7	13	15	Hydracarina
Mayflies	1	2	7	2	8		Ephemeroptera
Dragonflies							Anisoptera
Damselflies	1	1	4		2	1	Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies							Megaloptera
Caddisflies	2	6	2	3		1	Trichoptera
Aquatic Moths							Lepidoptera
Beetles	1	1	1				Coleoptera
Snails & Limpets				11	6	7	Gastropoda
Midges	2	1	4	14	10	15	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos							Culicidae
No-see-ums						1	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies				1			Misc. Diptera
Total Count	106	108	121	101	106	128	
Number of Taxa	8	8	8	8	7	7	
							Muskoka Average *
Richness		8			10		13
% EOT		8			5		26
% Chironimids		2			12		12
% Predators		5			12		24
% Shredders		3			1		2
% Collectors/Gatherers		92			80		69
Hilsenhoff Index		5.96			6.18		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.