

Aquatic Invertebrate Data Sheet

Lake Rosseau - Tobin Island Township of Muskoka Lakes

Common Name	Site 1 ^R			Scientific Name
	2009			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	3			Oligochaeta
Leeches				Hirudinaea
Sow Bugs	125	21	42	Isopoda
Clams				Pelecypoda
Fairy Shrimp	69	76	61	Amphipoda
Crayfish		1		Decapoda
Mites	5	3		Hydracarina
Mayflies	12	18	11	Ephemeroptera
Dragonflies	3		1	Anisoptera
Damselflies	1	6		Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	5	2	17	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	4			Coleoptera
Snails & Limpets				Gastropoda
Midges	9	12	3	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums	4	5		Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	240	144	135	
Number of Taxa	11	9	6	
				Muskoka Average *
Richness		12		13
% EOT		15		26
% Chironimids		5		12
% Predators		6		24
% Shredders		5		2
% Collectors/Gatherers		89		69
Hilsenhoff Index		6.60		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.