

Aquatic Invertebrate Data Sheet

Lake Rosseau - Brackenrig Bay Township of Muskoka Lakes

Common Name	Site 1 ^R			Scientific Name
	2007			
	1	2	3	
Hydras				Coelenterata
Flatworms			1	Turbellaria
Roundworms			9	Nematoda
Aquatic Earthworms		3		Oligochaeta
Leeches		1		Hirudinaea
Sow Bugs	46	55	80	Isopoda
Clams				Pelecypoda
Fairy Shrimp	45	42	42	Amphipoda
Crayfish				Decapoda
Mites	9		6	Hydracarina
Mayflies	5	3	9	Ephemeroptera
Dragonflies	9	5	1	Anisoptera
Damselflies	1			Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies	11	1	3	Megaloptera
Caddisflies	3	3	3	Trichoptera
Aquatic Moths				Lepidoptera
Beetles		1	3	Coleoptera
Snails & Limpets		1	3	Gastropoda
Midges	7	8	12	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	136	123	172	
Number of Taxa	9	11	12	
				Muskoka Average *
Richness		15		13
% EOT		10		26
% Chironimids		6		12
% Predators		13		24
% Shredders		2		2
% Collectors/Gatherers		83		69
Hilsenhoff Index		6.73		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.