

Aquatic Invertebrate Data Sheet

Rebecca Lake Township of Lake of Bays

Common Name	Site 1 ^R			Scientific Name
	2009			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	14	10	16	Oligochaeta
Leeches		2	1	Hirudinaea
Sow Bugs				Isopoda
Clams			1	Pelecypoda
Fairy Shrimp	24	32	24	Amphipoda
Crayfish				Decapoda
Mites	9	15	29	Hydracarina
Mayflies	4	13	14	Ephemeroptera
Dragonflies	16	5	1	Anisoptera
Damselflies	6	2	2	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	1	5	4	Trichoptera
Aquatic Moths				Lepidoptera
Beetles	12	9	3	Coleoptera
Snails & Limpets				Gastropoda
Midges	40	31	25	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums	7	10	2	Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	133	134	122	
Number of Taxa	10	11	12	
				Muskoka Average *
Richness		12		13
% EOT		19		26
% Chironimids		25		12
% Predators		34		24
% Shredders		3		2
% Collectors/Gatherers		64		69
Hilsenhoff Index		6.19		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.