

Aquatic Invertebrate Data Sheet

Gilleach Lake Town of Bracebridge

Common Name	Site 1 ^R						Scientific Name
	2008			2009			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms				1			Nematoda
Aquatic Earthworms	1		1	9	10	2	Oligochaeta
Leeches	1			2		1	Hirudinaea
Sow Bugs							Isopoda
Clams							Pelecypoda
Fairy Shrimp	34	38	46	173	104	53	Amphipoda
Crayfish							Decapoda
Mites	8	8	4			2	Hydracarina
Mayflies	8			3	3	1	Ephemeroptera
Dragonflies	15	15	2	9	16	9	Anisoptera
Damselflies	1		8		2		Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies				3	12	5	Megaloptera
Caddisflies	12		8	27	12	13	Trichoptera
Aquatic Moths							Lepidoptera
Beetles		1	2	5	6		Coleoptera
Snails & Limpets							Gastropoda
Midges	39	36	23	21	29	46	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos							Culicidae
No-see-ums	1	2	3	2	3		Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies							Misc. Diptera
Total Count	120	100	97	255	197	132	
Number of Taxa	10	6	9	11	10	9	
							Muskoka Average *
Richness		11			13		13
% EOT		22			16		26
% Chironimids		31			16		12
% Predators		22			13		24
% Shredders		6			9		2
% Collectors/Gatherers		71			78		69
Hilsenhoff Index		6.09			5.89		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.