

Aquatic Invertebrate Data Sheet

Lake Waseosa Town of Huntsville

Common Name	Site 2 ^R												Scientific Name
	2005			2008			2009			2015			
	1	2	3	1	2	3	1	2	3	1	2	3	
Hydras													Coelenterata
Flatworms													Turbellaria
Roundworms													Nematoda
Aquatic Earthworms										3	3	1	Oligochaeta
Leeches	1											1	Hirudinaea
Sow Bugs										3			Isopoda
Clams													Pelecypoda
Fairy Shrimp	41	38	43	13	24	30	92	92	49	44	75	66	Amphipoda
Crayfish													Decapoda
Mites	1	7		10	10	6	2	2	2	2	4	2	Hydracarina
Mayflies	20	39	16	16	28	69	75	75	44	2	3	5	Ephemeroptera
Dragonflies	6	10	8	8	10	27	34	34	26	20	16	12	Anisoptera
Damselflies	8	22	17	2	12	23	17	17	35		11	2	Zygoptera
Stoneflies													Plecoptera
True Bugs													Hemiptera
Fishflies & Alderflies						1						1	Megaloptera
Caddisflies	1	1	1		1	3	5	5	7	3	2	1	Trichoptera
Aquatic Moths													Lepidoptera
Beetles	5	5	1		1	2	3	3	2	2	4	3	Coleoptera
Snails & Limpets	1		1		1	1				1			Gastropoda
Midges	23	22	17	58	33	37	31	31	24	25	14	14	Chironomidae
Horse & Deer Flies													Tabanidae
Mosquitos	1	2	2	2	2								Culicidae
No-see-ums				1	1				1		2	1	Ceratopogonidae
Craneflies													Tipulidae
Blackflies													Simuliidae
Misc. True Flies					1								Misc. Diptera
Total Count	108	146	106	110	124	199	259	259	190	105	134	109	
Number of Taxa	11	9	9	8	12	10	8	8	9	10	10	12	
													Muskoka Average *
Richness	11			13			9			14			14
% EOT	41			48			53			22			22
% Chironimids	17			31			12			15			12
% Predators	25			28			25			24			23
% Shredders	1			1			2			2			3
% Collectors/Gatherers	73			70			73			74			70
Hilsenhoff Index	5.99			6.00			5.74			6.00			6.10

R = Reference Site

* The Muskoka Average is based on 147 samples collected at 76 reference sites between 2004 and 2011. Reference sites from 9 mesotrophic and 26 oligotrophic lakes throughout Muskoka were used.