

Aquatic Invertebrate Data Sheet

Fox Lake Town of Huntsville

Common Name	Site 1 ^R																		Scientific Name
	2012			2013			2014			2015			2016			2017			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Hydras																			Coelenterata
Flatworms	2	2	1	7	7	10	4	38	2	1			1	9	9				Turbellaria
Roundworms			1	5	2	5	2												Nematoda
Aquatic Earthworms	52	72	43	45	19	12				5	1	5	20	17	30	17	6	13	Oligochaeta
Leeches						1				1				1					Hirudinaea
Sow Bugs																			Isopoda
Clams		1	1					1					8	5	2				Pelecypoda
Fairy Shrimp	100	200	93	44	60	37	32	57	29	66	76	63	166	84	65	16	37	22	Amphipoda
Crayfish																			Decapoda
Mites	9	23	35	30	38	32	29	30	37	1		8	9	13	13	51	45	61	Hydracarina
Mayflies	35	39	5	8	18	11	7		2	1	1	3	11	13	8		5	4	Ephemeroptera
Dragonflies	8	3		5	4	2	3	8	1	18	13	8	11	14	7	2	8	3	Anisoptera
Damselflies	16	20	2		6	3	2	6	7	8	16	9	4	14	9		5	1	Zygoptera
Stoneflies									1										Plecoptera
True Bugs								3	2	4	3		1						Hemiptera
Fishflies & Alderflies	3		3	4		6	9	4	1	8	9	11			3	2	7	3	Megaloptera
Caddisflies	4	4	4	3		4	1		2		1	2	1	4	2				Trichoptera
Aquatic Moths																			Lepidoptera
Beetles	3																		Coleoptera
Snails & Limpets		2		1		1	8	4	2	1			6	9	4	2	5	4	Gastropoda
Midges	40	16	14	9	4		13	5	11	8	4	8	5	18	22	15	20	9	Chironomidae
Horse & Deer Flies																	1		Tabanidae
Mosquitos					1														Culicidae
No-see-ums	14	4	4	2	1	6	9	3					3	3	6			1	Ceratopogonidae
Craneflies																			Tipulidae
Blackflies																			Simuliidae
Misc. True Flies	6	1	1				10	6	17										Misc. Diptera
Total Count	292	387	207	163	160	130	129	165	114	122	124	117	246	204	180	105	139	121	
Number of Taxa	13	13	13	12	11	13	13	12	13	12	9	9	13	13	13	7	10	10	
																			Muskoka Average *
Richness		16			15			16			13			15			11		14
% EOT		16			14			10			22			16			8		17
% Chironimids		8			3			7			6			7			12		12
% Predators		18			36			50			33			21			52		19
% Shredders		2			2			1			1			1			0		3
% Collectors/Gatherers		81			59			46			66			73			45		73
Hilsenhoff Index		6.34			6.08			5.69			5.90			6.21			6.24		6.25

R = Reference Site

* The Muskoka Average is based on 200 samples collected at 82 reference sites between 2007 and 2016. Reference sites from 11 mesotrophic, 1 eutrophic and 29 oligotrophic lakes throughout Muskoka were used.