

Aquatic Invertebrate Data Sheet

Fox Lake Town of Huntsville

Common Name	Site 1 ^R															Scientific Name
	2012	2013	2014	2015			2016			2017			2018			
				1	2	3	1	2	3	1	2	3	1	2	3	
Hydras																Coelenterata
Flatworms	5	24	44	1			1	9	9				1	1	2	Turbellaria
Roundworms	1	12	2												1	Nematoda
Aquatic Earthworms	167	76		5	1	5	20	17	30	17	6	13	6	6	7	Oligochaeta
Leeches		1		1				1					1	1	2	Hirudinaea
Sow Bugs																Isopoda
Clams	2						8	5	2							Pelecypoda
Fairy Shrimp	393	141	118	66	76	63	166	84	65	16	37	22	68	48	51	Amphipoda
Crayfish																Decapoda
Mites	125	100	96	1		8	9	13	13	51	45	61	21	22	27	Hydracarina
Mayflies	79	37	9	1	1	3	11	13	8		5	4	1	11	9	Ephemeroptera
Dragonflies	11	11	12	18	13	8	11	14	7	2	8	3			1	Anisoptera
Damselflies	38	9	15	8	16	9	4	14	9		5	1		1	1	Zygoptera
Stoneflies			1											8	2	Plecoptera
True Bugs			5	4	3		1									Hemiptera
Fishflies & Alderflies	6	10	14	8	9	11			3	2	7	3				Megaloptera
Caddisflies	12	7	3		1	2	1	4	2							Trichoptera
Aquatic Moths																Lepidoptera
Beetles	3												1			Coleoptera
Snails & Limpets	2	2	14	1			6	9	4	2	5	4	1	1	1	Gastropoda
Midges	70	13	29	8	4	8	5	18	22	15	20	9	7	9	7	Chironomidae
Horse & Deer Flies																Tabanidae
Mosquitos		1											7	2	4	Culicidae
No-see-ums	22	9	12				3	3	6			1	8	5	8	Ceratopogonidae
Craneflies																Tipulidae
Blackflies																Simuliidae
Misc. True Flies	8		33													Misc. Diptera
Total Count	944	453	407	122	124	117	246	204	180	105	139	121	122	115	123	
Number of Taxa	16	15	15	12	9	9	13	13	13	7	10	10	11	12	14	
																Muskoka Average *
Richness	16	15	16	13			15			11			14			14
% EOT	16	14	10	22			16			8			7			22
% Chironimids	8	3	7	6			7			12			7			12
% Predators	18	36	50	33			21			52			31			23
% Shredders	2	2	1	1			1			0			0			3
% Collectors/Gatherers	81	59	46	66			73			45			67			70
Hilsenhoff Index	6.3	6.1	5.7	5.90			6.21			6.24			6.03			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.