

Aquatic Invertebrate Data Sheet

Fox Lake Town of Huntsville

Common Name	Site 1 ^R								Scientific Name
	2012	2013	2014	2015	2016	2017	2018	2022	
Hydras									Coelenterata
Flatworms	5	24	44	1	19		4		Turbellaria
Roundworms	1	12	2				1	5	Nematoda
Aquatic Earthworms	167	76		11	67	36	19		Oligochaeta
Leeches		1		1	1		4		Hirudinaea
Sow Bugs									Isopoda
Clams	2		1		15				Pelecypoda
Fairy Shrimp	393	141	118	205	315	75	167	86	Amphipoda
Crayfish									Decapoda
Mites	67	100	96	9	35	157	70	1	Hydracarina
Mayflies	79	37	9	5	32	9	21	5	Ephemeroptera
Dragonflies	11	11	12	39	32	13	1	2	Anisoptera
Damselflies	38	9	15	33	27	6	2	4	Zygoptera
Stoneflies			1				10		Plecoptera
True Bugs			5	7	1				Hemiptera
Fishflies & Alderflies	6	10	14	28	3	12			Megaloptera
Caddisflies	12	7	3	3	7				Trichoptera
Aquatic Moths									Lepidoptera
Beetles	3						1	1	Coleoptera
Snails & Limpets	2	2	14	1	19	11	3	2	Gastropoda
Midges	70	13	29	20	45	44	23	2	Chironomidae
Horse & Deer Flies						1			Tabanidae
Mosquitos		1					13		Culicidae
No-see-ums	22	9	12		12	1	21	3	Ceratopogonidae
Craneflies									Tipulidae
Blackflies									Simuliidae
Misc. True Flies	8		33						Misc. Diptera
Total Count	886	453	408	363	630	365	360	111	
Number of Taxa	16	15	16	13	15	11	15	10	
									Muskoka Average *
Richness	16	15	16	13	15	11	14	10	14
% EOT	16	14	10	22	16	8	7	10	17
% Chironimids	8	3	7	6	7	12	7	2	12
% Predators	18	36	50	33	21	52	31	10	19
% Shredders	2	2	1	1	1	0	0	0	3
% Collectors/Gatherers	81	59	46	66	73	45	67	84	73
Hilsenhoff Index	6.34	6.08	5.69	5.90	6.21	6.24	6.03	5.95	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.