THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet
Little Lake
Township of Georgian Bay

Common Name	Site 1					Scientific Name
	2021	2022	2023	2024	2025	
Hydras						Coelenterata
Flatworms	2	1	1		1	Turbellaria
Roundworms		12	16	3	8	Nematoda
Aquatic Earthworms			1			Oligochaeta
Leeches				1		Hirudinaea
Sow Bugs		10	16	3	12	Isopoda
Clams & Mussels			2			Bivalvia
Scuds	16	27	20	32	37	Amphipoda
Crayfish						Decapoda
Mites	45	51	4	15	20	Hydracarina
Mayflies	1	4	9	6	2	Ephemeroptera
Dragonflies	1		3	4	1	Anisoptera
Damselflies	10	2	6	16	6	Zygoptera
Stoneflies						Plecoptera
True Bugs	7					Hemiptera
Fishflies & Alderflies					1	Megaloptera
Caddisflies	1	2	2	1		Trichoptera
Aquatic Moths					2	Lepidoptera
Beetles			5	1	2	Coleoptera
Snails & Limpets		4	13	14	2	Gastropoda
Midges	5	15	9	8	2	Chironomidae
Horse & Deer Flies						Tabanidae
Mosquitos				2	1	Culicidae
No-see-ums	17	7		6	5	Ceratopogonidae
Craneflies					1	Tipulidae
Blackflies						Simuliidae
Misc. True Flies					1	Misc. Diptera
Total Count	105	135	107	112	104	
Number of Taxa	10	11	14	14	17	
						Muskoka Average *
Richness	10	11	14	14	17	**13**
% EOT	12	6	19	24	9	**17**
% Chironomids	5	11	8	7	2	**8**
% Predators	78	45	18	38	35	**24**
% Shredders	1	1	2	1	3	**2**
% Collectors/Gatherers	21	41	51	46	53	**68**
Hilsenhoff Index	6.00	6.14	6.21	6.29	5.89	**6.27**

* The Muskoka Average is based on 228 samples collected at 94 reference sites between 2013 and 2023. Data prior to 2021 is based on three subsamples (min. 300 count) per site while data from 2021 on is based on one sample (min. 100 count) per site.

THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Little Lake

Township of Georgian Bay

Common Name	Site 2 [R]			Scientific Name
	2022	2023	2024	
Hydras				Coelenterata
Flatworms		2		Turbellaria
Roundworms	2		3	Nematoda
Aquatic Earthworms	1	5		Oligochaeta
Leeches				Hirudinaea
Sow Bugs	108	57	12	Isopoda
Clams & Mussels	2	12		Bivalvia
Scuds	21		37	Amphipoda
Crayfish		12		Decapoda
Mites	4	9	26	Hydracarina
Mayflies			5	Ephemeroptera
Dragonflies		1	2	Anisoptera
Damselflies			6	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies			1	Megaloptera
Caddisflies		1	1	Trichoptera
Aquatic Moths				Lepidoptera
Beetles				Coleoptera
Snails & Limpets	19	4	6	Gastropoda
Midges	1		2	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums	1		2	Ceratopogonidae
Craneflies				Tipulidae
Blackflies			1	Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	159	103	104	
Number of Taxa	9	9	13	
				Muskoka Average *
Richness	9	9	13	**13**
% EOT	0	2	13	**17**
% Chironomids	1	0	2	**8**
% Predators	3	12	36	**24**
% Shredders	0	1	1	**2**
% Collectors/Gatherers	82	72	54	**68**
Hilsenhoff Index	7.51	7.41	6.23	**6.27**

R = Reference Site

* The Muskoka Average is based on 228 samples collected at 94 reference sites between 2013 and 2023. Data prior to 2021 is based on three subsamples (min. 300 count) per site while data from 2021 on is based on one sample (min. 100 count) per site.