THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Go Home Lake

Township of Georgian Bay

Common Name	Site 1[R]			Scientific Name
	2008	2011	2023	
Hydras				Coelenterata
Flatworms	6	4	1	Turbellaria
Roundworms			9	Nematoda
Aquatic Earthworms		13	17	Oligochaeta
Leeches	32	41		Hirudinaea
Sow Bugs		1	20	Isopoda
Clams & Mussels		8		Bivalvia
Scuds	95	143	44	Amphipoda
Crayfish				Decapoda
Mites	58	47	10	Hydracarina
Mayflies		5		Ephemeroptera
Dragonflies		4		Anisoptera
Damselflies				Zygoptera
Stoneflies		2		Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies	1	2		Megaloptera
Caddisflies	8	12		Trichoptera
Aquatic Moths				Lepidoptera
Beetles		6		Coleoptera
Snails & Limpets	1	44	5	Gastropoda
Midges	104	55	2	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos		1		Culicidae
No-see-ums	7	6		Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	312	394	108	
Number of Taxa	9	17	8	
				Muskoka Average *
Richness	9	17	8	**13**
% EOT	3	6	0	**17**
% Chironomids	34	14	2	**8**
% Predators	32	28	10	**24**
% Shredders	3	3	0	**2**
% Collectors/Gatherers	64	55	77	**68**
Hilsenhoff Index	6.51	6.41	6.65	**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.

THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Go Home Lake

Township of Georgian Bay

Common Name	Site 2 2024	Scientific Name
Hydras		Coelenterata
Flatworms		Turbellaria
Roundworms		Nematoda
Aquatic Earthworms	12	Oligochaeta
Leeches		Hirudinaea
Sow Bugs	40	Isopoda
Clams & Mussels	1	Bivalvia
Scuds	26	Amphipoda
Crayfish		Decapoda
Mites	10	Hydracarina
Mayflies	2	Ephemeroptera
Dragonflies	1	Anisoptera
Damselflies	1	Zygoptera
Stoneflies		Plecoptera
True Bugs		Hemiptera
Fishflies & Alderflies	2	Megaloptera
Caddisflies	3	Trichoptera
Aquatic Moths		Lepidoptera
Beetles		Coleoptera
Snails & Limpets	4	Gastropoda
Midges	13	Chironomidae
Horse & Deer Flies		Tabanidae
Mosquitos		Culicidae
No-see-ums	3	Ceratopogonidae
Craneflies		Tipulidae
Blackflies		Simuliidae
Misc. True Flies		Misc. Diptera
Total Count	118	
Number of Taxa	13	
		Muskoka Average *
Richness	13	**13**
% EOT	6	**17**
% Chironomids	11	**8**
% Predators	14	**24**
% Shredders	3	**2**
% Collectors/Gatherers	79	**68**
Hilsenhoff Index	6.94	**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

Go Home Lake

Township of Georgian Bay

Common Name	Site 3[R] 2024	Scientific Name
Hydras		Coelenterata
Flatworms		Turbellaria
Roundworms		Nematoda
Aquatic Earthworms	6	Oligochaeta
Leeches		Hirudinaea
Sow Bugs	48	Isopoda
Clams & Mussels	5	Bivalvia
Scuds		Amphipoda
Crayfish	1	Decapoda
Mites	5	Hydracarina
Mayflies	24	Ephemeroptera
Dragonflies	7	Anisoptera
Damselflies	2	Zygoptera
Stoneflies		Plecoptera
True Bugs	1	Hemiptera
Fishflies & Alderflies		Megaloptera
Caddisflies	1	Trichoptera
Aquatic Moths		Lepidoptera
Beetles		Coleoptera
Snails & Limpets		Gastropoda
Midges	12	Chironomidae
Horse & Deer Flies		Tabanidae
Mosquitos		Culicidae
No-see-ums	4	Ceratopogonidae
Craneflies		Tipulidae
Blackflies		Simuliidae
Misc. True Flies		Misc. Diptera
Total Count	116	
Number of Taxa	12	
		Muskoka Average *
Richness	12	**13**
% EOT	29	**17**
% Chironomids	10	**8**
% Predators	16	**24**
% Shredders	1	**2**
% Collectors/Gatherers	78	**68**
Hilsenhoff Index	6.84	**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.