THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Rickett's Lake

Township of Muskoka Lakes

Common Name	Site 1[R] 2024	Scientific Name
Hydras		Coelenterata
Flatworms		Turbellaria
Roundworms		Nematoda
Aquatic Earthworms	6	Oligochaeta
Leeches		Hirudinaea
Sow Bugs	2	Isopoda
Clams & Mussels		Bivalvia
Scuds	50	Amphipoda
Crayfish		Decapoda
Mites	10	Hydracarina
Mayflies	5	Ephemeroptera
Dragonflies	2	Anisoptera
Damselflies	2	Zygoptera
Stoneflies		Plecoptera
True Bugs	4	Hemiptera
Fishflies & Alderflies	6	Megaloptera
Caddisflies	9	Trichoptera
Aquatic Moths	2	Lepidoptera
Beetles	4	Coleoptera
Snails & Limpets	4	Gastropoda
Midges	17	Chironomidae
Horse & Deer Flies		Tabanidae
Mosquitos		Culicidae
No-see-ums		Ceratopogonidae
Craneflies		Tipulidae
Blackflies		Simuliidae
Misc. True Flies		Misc. Diptera
Total Count	123	
Number of Taxa	14	
		Muskoka Average *
Richness	14	**13**
% EOT	15	**17**
% Chironomids	14	**8**
% Predators	23	**24**
% Shredders	9	**2**
% Collectors/Gatherers	65	**68**
Hilsenhoff Index	5.92	**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

Rickett's Lake

Township of Muskoka Lakes

Common Name	Site 2[R] 2024	Scientific Name
Hydras		Coelenterata
Flatworms		Turbellaria
Roundworms		Nematoda
Aquatic Earthworms	30	Oligochaeta
Leeches		Hirudinaea
Sow Bugs	24	Isopoda
Clams & Mussels	13	Bivalvia
Scuds	3	Amphipoda
Crayfish		Decapoda
Mites	6	Hydracarina
Mayflies	1	Ephemeroptera
Dragonflies	1	Anisoptera
Damselflies		Zygoptera
Stoneflies		Plecoptera
True Bugs	5	Hemiptera
Fishflies & Alderflies		Megaloptera
Caddisflies		Trichoptera
Aquatic Moths		Lepidoptera
Beetles	3	Coleoptera
Snails & Limpets	9	Gastropoda
Midges	8	Chironomidae
Horse & Deer Flies	1	Tabanidae
Mosquitos		Culicidae
No-see-ums		Ceratopogonidae
Craneflies		Tipulidae
Blackflies		Simuliidae
Misc. True Flies		Misc. Diptera
Total Count	104	
Number of Taxa	12	
		Muskoka Average *
Richness	12	**13**
% EOT	2	**17**
% Chironomids	8	**8**
% Predators	15	**24**
% Shredders	0	**2**
% Collectors/Gatherers	63	**68**
Hilsenhoff Index	7.35	**6.27**

R = Reference Site

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