THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet
Wood Lake
Town of Bracebridge

Common Name	Site 1[R]			Scientific Name
	2021	2022	2024	
Hydras				Coelenterata
Flatworms	2	1	1	Turbellaria
Roundworms	4	15	11	Nematoda
Aquatic Earthworms		1	8	Oligochaeta
Leeches			1	Hirudinaea
Sow Bugs			10	Isopoda
Clams & Mussels			7	Bivalvia
Scuds	69	54	40	Amphipoda
Crayfish				Decapoda
Mites	53	16	22	Hydracarina
Mayflies	3		4	Ephemeroptera
Dragonflies	5	2	10	Anisoptera
Damselflies			3	Zygoptera
Stoneflies				Plecoptera
True Bugs		1	1	Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	9	7	6	Trichoptera
Aquatic Moths				Lepidoptera
Beetles			3	Coleoptera
Snails & Limpets	3		32	Gastropoda
Midges	3	11	5	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums	1	7	11	Ceratopogonidae
Craneflies				Tipulidae
Blackflies		1	1	Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	152	116	176	
Number of Taxa	10	11	18	
				Muskoka Average *
Richness	10	11	18	**13**
% EOT	11	8	13	**17**
% Chironomids	2	9	3	**8**
% Predators	40	23	30	**24**
% Shredders	6	6	3	**2**
% Collectors/Gatherers	49	57	38	**68**
Hilsenhoff Index	5.82	5.82	6.26	**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

Wood Lake

Township of Muskoka Lakes

Common Name	Site 2[R]		Scientific Name
	2022	2025	
Hydras			Coelenterata
Flatworms	1	4	Turbellaria
Roundworms	7	27	Nematoda
Aquatic Earthworms	8	2	Oligochaeta
Leeches	1		Hirudinaea
Sow Bugs	16	29	Isopoda
Clams & Mussels			Bivalvia
Scuds	13	6	Amphipoda
Crayfish			Decapoda
Mites	15	43	Hydracarina
Mayflies	1	6	Ephemeroptera
Dragonflies	1	2	Anisoptera
Damselflies	1		Zygoptera
Stoneflies			Plecoptera
True Bugs	1		Hemiptera
Fishflies & Alderflies		2	Megaloptera
Caddisflies	42	17	Trichoptera
Aquatic Moths		4	Lepidoptera
Beetles			Coleoptera
Snails & Limpets	4	12	Gastropoda
Midges	14	17	Chironomidae
Horse & Deer Flies			Tabanidae
Mosquitos		3	Culicidae
No-see-ums		12	Ceratopogonidae
Craneflies			Tipulidae
Blackflies			Simuliidae
Misc. True Flies			Misc. Diptera
Total Count	125	186	
Number of Taxa	14	15	
			Muskoka Average *
Richness	14	15	**13**
% EOT	36	13	**17**
% Chironomids	11	9	**8**
% Predators	16	34	**24**
% Shredders	34	11	**2**
% Collectors/Gatherers	42	34	**68**
Hilsenhoff Index	5.8	6	**6.27**

R = Reference Site

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THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Wood Lake

Township of Muskoka Lakes

Common Name	Site 3[R]			Scientific Name
	2022	2023	2024	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms	7	9	15	Nematoda
Aquatic Earthworms		10	1	Oligochaeta
Leeches				Hirudinaea
Sow Bugs	10	29	32	Isopoda
Clams & Mussels		1		Bivalvia
Scuds	71	67	56	Amphipoda
Crayfish		2	1	Decapoda
Mites	14	25	5	Hydracarina
Mayflies	5	6	1	Ephemeroptera
Dragonflies	2	5	8	Anisoptera
Damselflies			1	Zygoptera
Stoneflies	1			Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies	1	4		Trichoptera
Aquatic Moths				Lepidoptera
Beetles		1	2	Coleoptera
Snails & Limpets		17	4	Gastropoda
Midges	4	16	7	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums				Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
Total Count	115	192	133	
Number of Taxa	9	13	12	
				Muskoka Average *
Richness	9	13	12	**13**
% EOT	8	8	8	**17**
% Chironomids	3	8	5	**8**
% Predators	15	16	12	**24**
% Shredders	1	2	0	**2**
% Collectors/Gatherers	78	59	74	**68**
Hilsenhoff Index	6.03	6.43	6.38	**6.27**

R = Reference Site

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THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet
Wood Lake
Township of Muskoka Lakes

Common Name	Site 4		Scientific Name
	2023	2025	
Hydras			Coelenterata
Flatworms		1	Turbellaria
Roundworms	4	13	Nematoda
Aquatic Earthworms	19	1	Oligochaeta
Leeches			Hirudinaea
Sow Bugs	29	14	Isopoda
Clams & Mussels	1	2	Bivalvia
Scuds	40	27	Amphipoda
Crayfish			Decapoda
Mites	15	8	Hydracarina
Mayflies	8	2	Ephemeroptera
Dragonflies		1	Anisoptera
Damselflies		1	Zygoptera
Stoneflies			Plecoptera
True Bugs	1		Hemiptera
Fishflies & Alderflies	3		Megaloptera
Caddisflies	34	4	Trichoptera
Aquatic Moths		1	Lepidoptera
Beetles			Coleoptera
Snails & Limpets	1	2	Gastropoda
Midges	17	17	Chironomidae
Horse & Deer Flies			Tabanidae
Mosquitos		2	Culicidae
No-see-ums		2	Ceratopogonidae
Craneflies			Tipulidae
Blackflies			Simuliidae
Misc. True Flies			Misc. Diptera
Total Count	172	98	
Number of Taxa	12	16	
			Muskoka Average *
Richness	12	16	**13**
% EOT	24	8	**17**
% Chironomids	10	17	**8**
% Predators	11	13	**24**
% Shredders	20	5	**2**
% Collectors/Gatherers	66	64	**68**
Hilsenhoff Index	6.17	5.95	**6.27**

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