

Aquatic Invertebrate Data Sheet

Leech Lake Town of Bracebridge

Common Name	Site 1						Scientific Name	
	2006	2007	2011	2014	2016	2023		
Hydras							Coelenterata	5
Flatworms							Turbellaria	4
Roundworms	35		1		1	8	Nematoda	5
Aquatic Earthworms		2	1	1	38	29	Oligochaeta	8
Leeches	1	2	2	1	1		Hirudinaea	8
Sow Bugs						4	Isopoda	8
Clams	8	5	3			6	Pelecypoda	8
Fairy Shrimp	137	154	280	383	213	98	Amphipoda	6
Crayfish							Decapoda	6
Mites	18	4	4	15	10	23	Hydracarina	6
Mayflies	6	1	3	26	53	3	Ephemeroptera	5
Dragonflies	49	12	11	15	15	5	Anisoptera	5
Damselflies	10	1	5	1	11	3	Zygoptera	7
Stoneflies							Plecoptera	1
True Bugs	1				1		Hemiptera	5
Fishflies & Alderflies	5		5	3	1		Megaloptera	4
Caddisflies	12	4	28	10	13	3	Trichoptera	4
Aquatic Moths			1				Lepidoptera	6
Beetles	6		1	5	5	1	Coleoptera	4
Snails & Limpets	35	29	13	2	16	3	Gastropoda	7
Midges	43	54	34	22	71	11	Chironomidae	7
Horse & Deer Flies							Tabanidae	8
Mosquitos			1				Culicidae	8
No-see-ums	2	19		6	10		Ceratopogonidae	6
Craneflies							Tipulidae	3
Blackflies						1	Simuliidae	6
Misc. True Flies				10			Misc. Diptera	5
Total Count	368	287	393	500	459	198		
Number of Taxa	15	9	12	14	15	14		
							Muskoka Average *	
Richness	15	12	16	14	15	14	14	
% EOT	21	6	12	11	20	7	17	
% Chironimids	12	19	9	4	15	6	12	
% Predators	25	13	7	9	12	16	19	
% Shredders	3	1	7	2	3	2	3	
% Collectors/Gatherers	51	74	81	89	82	73	73	
Hilsenhoff Index	6.01	6.28	5.96	5.89	6.15	6.36	6.25	

* The Muskoka Average is based on 171 samples collected at 71 reference sites between 2013 and 2022.

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.