

Chub Lake Town of Huntsville

Common Name	Site 1 ^R												Scientific Name
	2004			2005			2008			2009			
	1	2	3	1	2	3	1	2	3	1	2	3	
Hydras													Coelenterata
Flatworms			1										Turbellaria
Roundworms		7											Nematoda
Aquatic Earthworms	1	4	2				1	3	4				Oligochaeta
Leeches			1					1	1				Hirudinaea
Sow Bugs								1					Isopoda
Clams										2	1	4	Pelecypoda
Fairy Shrimp	27	20	6	15	27	11	10	9	13	39	22	19	Amphipoda
Crayfish													Decapoda
Mites	5	15	42	1	1	4	2	7	6		4	1	Hydracarina
Mayflies	22	13	9	49	89	46	30	31	42	7	25	9	Ephemeroptera
Dragonflies	2	3	12	6	4	13	2	13	17	1	3	10	Anisoptera
Damselflies	6	4	9	9	5	17	2	4	1		8	12	Zygoptera
Stoneflies													Plecoptera
True Bugs						1		1					Hemiptera
Fishflies & Alderflies				2	1								Megaloptera
Caddisflies	1			4	4	7	7	3	3		5	6	Trichoptera
Aquatic Moths									1				Lepidoptera
Beetles							5		1	3			Coleoptera
Snails & Limpets	1	3	1	1	1		2			4	1	2	Gastropoda
Midges	16	5		9	12	18	31	30	25	73	92	38	Chironomidae
Horse & Deer Flies			1										Tabanidae
Mosquitos				1			1		4				Culicidae
No-see-ums	1	10	1	1	1	4	5	7	7	6	6	2	Ceratopogonidae
Craneflies									1				Tipulidae
Blackflies		18	15										Simuliidae
Misc. True Flies													Misc. Diptera
Total Count	82	102	100	118	145	121	98	110	126	135	167	103	
Number of Taxa	10	11	12	11	10	9	12	12	14	8	10	10	
Richness		15			12			12			11		Muskoka Average * 13
% EOT		29			66			46			21		26
% Chironimids		7			10			33			50		12
% Predators		35			16			26			14		24
% Shredders		18			13			3			3		2
% Collectors/Gatherers		30			63			72			80		69
Hilsenhoff Index		6.06			5.54			6.10			6.40		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.

Aquatic Invertebrate Data Sheet

Chub Lake Town of Huntsville

Common Name	Site 2 ^R						Scientific Name
	2006			2007			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms			1				Nematoda
Aquatic Earthworms			1			2	Oligochaeta
Leeches							Hirudinaea
Sow Bugs							Isopoda
Clams	2						Pelecypoda
Fairy Shrimp	7	7	3				Amphipoda
Crayfish							Decapoda
Mites	1	9	3		1	2	Hydracarina
Mayflies	8	35	46		4	4	Ephemeroptera
Dragonflies	8	12	12	1	1	4	Anisoptera
Damselflies	3	4	8	1	1	3	Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies	2						Megaloptera
Caddisflies	3	6	5		3	1	Trichoptera
Aquatic Moths		2					Lepidoptera
Beetles	1		1				Coleoptera
Snails & Limpets	6		1			7	Gastropoda
Midges	49	21	22	7	27	40	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos					1	4	Culicidae
No-see-ums		3	3	1		2	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies							Misc. Diptera
Total Count	90	99	106	10	38	69	
Number of Taxa	11	9	12	4	7	10	
							Muskoka Average *
Richness		15			10		13
% EOT		51			20		26
% Chironimids		31			23		12
% Predators		24			5		24
% Shredders		5			3		2
% Collectors/Gatherers		68			76		69
Hilsenhoff Index		5.87			6.67		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.