

## Aquatic Invertebrate Data Sheet

### Lake Muskoka - Muskoka Bay Town of Gravenhurst

Common Name	Site 1			Scientific Name
	2007			
	1	2	3	
Hydras				Coelenterata
Flatworms				Turbellaria
Roundworms				Nematoda
Aquatic Earthworms	10	1	2	Oligochaeta
Leeches				Hirudinaea
Sow Bugs	8	3	7	Isopoda
Clams				Pelecypoda
Fairy Shrimp	30	14	52	Amphipoda
Crayfish				Decapoda
Mites	25	47	39	Hydracarina
Mayflies	6	10	3	Ephemeroptera
Dragonflies	5		8	Anisoptera
Damselflies		3	5	Zygoptera
Stoneflies				Plecoptera
True Bugs				Hemiptera
Fishflies & Alderflies				Megaloptera
Caddisflies				Trichoptera
Aquatic Moths				Lepidoptera
Beetles				Coleoptera
Snails & Limpets			1	Gastropoda
Midges	18	22	5	Chironomidae
Horse & Deer Flies				Tabanidae
Mosquitos				Culicidae
No-see-ums		1	3	Ceratopogonidae
Craneflies				Tipulidae
Blackflies				Simuliidae
Misc. True Flies				Misc. Diptera
<b>Total Count</b>	102	101	125	
<b>Number of Taxa</b>	7	8	12	
				<b>Muskoka Average *</b>
<b>Richness</b>		10		<b>13</b>
<b>% EOT</b>		9		<b>26</b>
<b>% Chironimids</b>		14		<b>12</b>
<b>% Predators</b>		42		<b>24</b>
<b>% Shredders</b>		0		<b>2</b>
<b>% Collectors/Gatherers</b>		55		<b>69</b>
<b>Hilsenhoff Index</b>		6.10		<b>5.99</b>

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.