



## Aquatic Invertebrate Data Sheet

### Bay Lake Township of Perry

Common Name	Site 4						Scientific Name
	2019						
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms	8	3					Nematoda
Aquatic Earthworms	3	9	9				Oligochaeta
Leeches		3	1				Hirudinaea
Sow Bugs							Isopoda
Clams	1		3				Pelecypoda
Fairy Shrimp	65	80	69				Amphipoda
Crayfish	2						Decapoda
Mites	17	4	7				Hydracarina
Mayflies	5	11	4				Ephemeroptera
Dragonflies	3	3	5				Anisoptera
Damselflies		1					Zygoptera
Stoneflies	1						Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies			1				Megaloptera
Caddisflies	8	4	9				Trichoptera
Aquatic Moths							Lepidoptera
Beetles	1						Coleoptera
Snails & Limpets	6	2	2				Gastropoda
Midges	4	9	3				Chironomidae
Horse & Deer Flies	1						Tabanidae
Mosquitos							Culicidae
No-see-ums	1	1					Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies		1	2				Misc. Diptera
<b>Total Count</b>	126	131	115	0	0	0	
<b>Number of Taxa</b>	15	13	12				
							<b>Muskoka Average *</b>
<b>Richness</b>		19					<b>14</b>
<b>% EOT</b>		14					<b>17</b>
<b>% Chironimids</b>		4					<b>12</b>
<b>% Predators</b>		13					<b>19</b>
<b>% Shredders</b>		6					<b>3</b>
<b>% Collectors/Gatherers</b>		74					<b>73</b>
<b>Hilsenhoff Index</b>		5.97					<b>6.25</b>

R = Reference Site

\* The Muskoka Average is based on 200 samples collected at 62 reference sites between 2007 and 2016. Reference sites from 11 mesotrophic, 1 eutrophic and 29 oligotrophic lakes throughout Muskoka were used.