

## Quittapahilla Watershed Fall 2003 Macroinvertebrate Survey Results Expanded Summary

Scientific Name	Common Name	Q1	Q2	Q3	Q4	Q5	Q6	Snitz	Beck	Bach	Kill
<b>Turbellaria</b>	<b>Flatworms</b>								<b>48</b>		
<b>Nematoda</b>	<b>Roundworms</b>	<b>5</b>				<b>1</b>	<b>1</b>	<b>1</b>			
<b>Oligochaeta</b>	<b>Segmented Worms</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>6</b>	<b>14</b>	<b>4</b>	<b>20</b>	<b>18</b>	<b>2</b>
<b>Hirudinia</b>	<b>Leeches</b>					<b>3</b>	<b>1</b>		<b>4</b>		
<b>Corbiculidae</b>	<b>Asiatic Clams</b>		<b>1</b>	<b>12</b>	<b>6</b>	<b>6</b>		<b>13</b>	<b>43</b>		
<i>Corbicula fluminea</i>			<i>1</i>	<i>12</i>	<i>6</i>	<i>6</i>		<i>13</i>	<i>43</i>		
<b>Physidae</b>	<b>Physid Snails</b>					<b>1</b>			<b>2</b>	<b>6</b>	
<b>Hydrocarina</b>	<b>Water Mites</b>								<b>15</b>	<b>19</b>	
<b>Ostracoda</b>	<b>Seed Shrimps</b>								<b>72</b>	<b>4</b>	
<b>Amphipoda</b>	<b>Scuds</b>	<b>23</b>	<b>12</b>	<b>120</b>	<b>467</b>	<b>128</b>	<b>211</b>	<b>13</b>	<b>75</b>	<b>129</b>	<b>64</b>
<i>Gammarus sp.</i>		<i>23</i>	<i>12</i>	<i>120</i>	<i>467</i>	<i>128</i>	<i>211</i>	<i>13</i>	<i>75</i>	<i>129</i>	<i>64</i>
<b>Isopoda</b>	<b>Sowbugs</b>	<b>23</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>9</b>	<b>274</b>	<b>53</b>	<b>1</b>
<i>Caecidotea sp.</i>		<i>23</i>	<i>3</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>5</i>	<i>9</i>	<i>274</i>	<i>53</i>	<i>1</i>
<b>Decapoda</b>	<b>Crayfish</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>1</b>
<b>Dytiscidae</b>	<b>Diving Beetles</b>								<b>1</b>		
<i>Agabus sp. (L)</i>									<i>1</i>		
<b>Elmidae</b>	<b>Riffle Beetles</b>	<b>5</b>	<b>2</b>		<b>22</b>	<b>3</b>	<b>17</b>	<b>4</b>	<b>10</b>	<b>13</b>	<b>4</b>
<i>Dubiraphia sp. (A/L)</i>								<i>1/0</i>			
<i>Optioservus sp. (A/L)</i>		<i>0/1</i>				<i>0/3</i>	<i>1/9</i>		<i>2/6</i>	<i>3/10</i>	<i>0/4</i>
<i>Stenelmis sp. (A/L)</i>		<i>4/0</i>	<i>1/1</i>		<i>21/1</i>		<i>7/0</i>	<i>2/1</i>	<i>1/1</i>		
<b>Chironomidae</b>	<b>Midges</b>	<b>40</b>	<b>9</b>	<b>13</b>	<b>37</b>	<b>29</b>	<b>51</b>	<b>30</b>	<b>57</b>	<b>78</b>	<b>12</b>
<b>Empididae</b>	<b>Dance Flies</b>					<b>1</b>		<b>1</b>			<b>1</b>
<b>Simuliidae</b>	<b>Black Flies</b>	<b>14</b>	<b>28</b>	<b>6</b>	<b>134</b>	<b>28</b>	<b>25</b>	<b>38</b>	<b>32</b>	<b>1</b>	
<b>Tabanidae</b>	<b>Biting Flies</b>	<b>1</b>					<b>1</b>		<b>1</b>		
<b>Tipulidae</b>	<b>Crane Flies</b>	<b>1</b>		<b>4</b>	<b>4</b>		<b>14</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>6</b>
<i>Antocha sp.</i>				<i>4</i>	<i>4</i>		<i>13</i>	<i>4</i>		<i>1</i>	<i>3</i>
<i>Tipula sp.</i>		<i>1</i>					<i>1</i>		<i>1</i>		<i>3</i>
<b>Baetidae</b>	<b>Minnow Mayflies</b>							<b>2</b>			
<i>Acerpenna sp.</i>								<i>2</i>			
<b>Ephemerellidae</b>	<b>Spiny Mayflies</b>						<b>2</b>		<b>1</b>	<b>3</b>	
<i>Ephemerella sp.</i>							<i>2</i>		<i>1</i>	<i>3</i>	
<b>Heptageniidae</b>	<b>Flatheaded Mayflies</b>							<b>1</b>			
<i>Stenonema sp.</i>								<i>1</i>			

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Scientific Name	Common Name	Q1	Q2	Q3	Q4	Q5	Q6	Snitz	Beck	Bach	Kill
<b>Tricorythidae</b>	<b>Trico Mayflies</b>							<b>1</b>	<b>3</b>	<b>2</b>	
<i>Tricorythodes sp.</i>								<i>1</i>	<i>3</i>	<i>2</i>	
<b>Glossosomatidae</b>	<b>Saddlecase Caddisflies</b>					<b>1</b>	<b>9</b>				<b>2</b>
<i>Glossosoma sp.</i>						<i>1</i>	<i>9</i>				<i>2</i>
<b>Hydropsychidae</b>	<b>Netspinning Caddisflies</b>	<b>8</b>	<b>8</b>	<b>1</b>	<b>116</b>	<b>2</b>	<b>29</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>1</b>
<i>Cheumatopsyche sp.</i>		<i>6</i>	<i>8</i>	<i>1</i>	<i>18</i>		<i>7</i>	<i>1</i>	<i>4</i>	<i>1</i>	<i>1</i>
<i>Hydropsyche sp.</i>		<i>2</i>			<i>98</i>	<i>2</i>	<i>22</i>	<i>3</i>	<i>1</i>	<i>1</i>	
<b>Limnephelidae</b>	<b>Casemaker Caddisflies</b>					<b>1</b>					
<i>Hydatophylax sp.</i>						<i>1</i>					
<b>Leptoceridae</b>	<b>Longhorn Caddisflies</b>								<b>3</b>	<b>1</b>	
<i>Triaenodes sp.</i>									<i>3</i>	<i>1</i>	
<b>Psychomiidae</b>	<b>Nettube Caddisflies</b>			<b>1</b>							
<i>Lype sp.</i>				<i>1</i>							
<b>Capniidae</b>	<b>Winter Stoneflies</b>						<b>1</b>				<b>3</b>
<i>Allocapnia sp.</i>							<i>1</i>				<i>3</i>
<b>Taeniopterygidae</b>	<b>Broadback Stoneflies</b>						<b>3</b>	<b>1</b>	<b>1</b>		<b>1</b>
<i>Taeniopteryx sp.</i>							<i>3</i>	<i>1</i>	<i>1</i>		<i>1</i>
<b>Total Taxa (Family Level and Higher)</b>		<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>21</b>	<b>15</b>	<b>12</b>
<b>Total Taxa (Below Family Level)</b>		<b>13</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>15</b>	<b>19</b>	<b>18</b>	<b>23</b>	<b>16</b>	<b>13</b>
<b>Total Organisms</b>		<b>126</b>	<b>66</b>	<b>163</b>	<b>805</b>	<b>219</b>	<b>386</b>	<b>128</b>	<b>672</b>	<b>332</b>	<b>99</b>