

Quantitative - transect (July 2006)

### Borden Bridge

Sample # 1 - 6 rocks

Sample # 2 - 5 m transect, 6 inch rocks.

Sample # 3 - 5 m transect, 6 inch rocks.

Sample # 4 - 5 m transect, 6 inch rocks plus mad.

### Ephemeroptera

Taxa	#1	#2	#3	#4	TOTAL	
<i>Acentrella parvula</i> (McDunnough)		1	0	4	0	5
<i>Brachycercus edmundsi</i> Soldán		0	0	1	0	1
<i>Brachycercus prudens</i> (McDunnough)		0	1	0	0	1
<i>Caenis amica</i> Hagen		8	34	14	75	131
<i>Centroptilum bifurcatum</i> McDunnough		0	2	1	9	12
<i>Centroptilum victoriae</i> McDunnough		0	1	0	0	1
<i>Ephoron album</i> (Say)		18	12	39	4	73
<i>Fallceon quilleri</i> (Dodds)		1	2	5	3	11
<i>Heptagenia elegantula / diabasia</i>		6	26	12	78	122
<i>Hexagenia limbata</i> (Serville)		0	2	0	7	9
<i>Isonychia compestris</i> McDunnough		2	1	7	1	11
<i>Leucrocuta maculipennis</i> (Walsh)		2	0	0	4	6
<i>Macafermium terminatum</i> (Walsh)		4	10	7	3	24
<i>Proclotron irrubrum</i> Lowen and Flannagan		0	0	0	4	4
<i>Pseudocloeon dardanum</i> (McDunnough)		0	2	0	2	4
<i>Tricorythodes</i> sp. 1		1	1	0	3	5
Immature <i>Caenis</i> sp.		1	0	0	0	1
Immature Baetidae sp.		0	0	3	1	4
Immature Baetisidae sp.?		0	2	0	0	2
Immature Heptageniidae sp.		0	0	7	14	21
<b>TOTAL SPECIMENS</b>						<b>448</b>
<b>TOTAL TAXA</b>						<b>16</b>

### Plecoptera

Taxa	#1	#2	#3	#4	TOTAL	
<i>Acroneuria abnormis</i> (Newman)		0	0	0	1	1
<i>Pteronarcys dorsata</i> Say		0	1	0	1	2

<b>TOTAL SPECIMENS</b>	<b>3</b>
<b>TOTAL TAXA</b>	<b>2</b>

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### Tricoptera

<b>Taxa</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>TOTAL</b>
<i>Cheumatopsyche</i> sp. 1	0	2	9	0	11
<i>Hydropsyche occidentalis</i> Banks	0	2	4	0	6
<i>Nectopsyche</i> sp. 1	0	0	0	9	9
Immature Hydropsychidae sp.	3	2	15	0	20
Unidentified Hydropsychidae sp.	0	1	0	0	1
Pupa	1	3	3	0	7
<b>TOTAL SPECIMENS</b>					<b>54</b>
<b>TOTAL TAXA</b>					<b>3</b>

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### Diptera

<b>Taxa</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>TOTAL</b>
Chironomidae (larvae)	8	30	29	62	129
Chironomidae (pupa)	3	4	4	1	12
Simuliidae (larvae)	0	5	1	2	8
Simuliidae (pupa)	0	2	0	2	4
<b>TOTAL SPECIMENS</b>					<b>153</b>
<b>TOTAL SPECIMENS</b> (excluding chironomids)					<b>12</b>
<b>TOTAL TAXA</b>					<b>0</b>

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<b>Taxa</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>TOTAL</b>
<b>Odonata</b>					
<i>Ophiogomphus</i> sp. 1	1	0	3	0	4
Immature Coenagrionidae sp.	0	0	0	19	19
<b>Megaloptera</b>					
<i>Sialis</i> sp. 1	1	0	0	0	1
<b>Coleoptera</b>					
<i>Gyretes</i> sp. 1	0	1	0	3	4
<i>Uvarus</i> sp. 1	3	5	4	2	14

**Hemiptera**

<i>Hesperocorixa</i> sp.?	0	5	0	14	19
Immature Corixidae sp.	0	0	0	23	23
Bivalva	2	2	7	7	18
Crayfish	1	5	0	6	12
<i>Daphnia</i> sp.	0	0	0	2	2
Egg mass	0	0	0	2	2
Fish	3	4	0	1	8
<i>Hydra</i> sp.	0	0	0	1	1
Oligochaetae	7	7	17	89	120
Skin	Yes	Yes	Yes	Yes	
T. case	0	0	0	2	2

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**SUMMARY**

<b>Grand total insects</b>	658
<b>Grand total insects excluding chironomids</b>	517
<b>Total taxa</b>	21

15  
3  
2  
2  
0  
22

0.681818  
0.136364  
0.090909  
0.090909  
0

