

Quantitative - transect (July 2006)

**Clarkboro Ferry**

Sample # 1 - 1 m2 transect, rock, riffle.

Sample # 2 - 1 m wadstick, rocks.

Sample # 3 - 1 m2 transect, mad, rocks, plants.

Sample # 4 - 3 m transect.

**Ephemeroptera**

Taxa	#1	#2	#3	#4	TOTAL
<i>Baetis tricaudatus</i> Dodds	0	0	1	0	1
<i>Brachycercus edmundsi</i> Soldán	0	0	2	0	2
<i>Caenis amica</i> Hagen	0	9	1	2	12
<i>Centroptilum bifurcatum</i> McDunnough	0	0	19	0	19
<i>Ephoron album</i> (Say)	1	0	3	0	4
<i>Fallceon quilleri</i> (Dodds)	0	0	14	0	14
<i>Heptagenia elegantula / diabasia</i>	0	18	7	1	26
<i>Macafermium terminatum</i> (Walsh)	0	1	0	0	1
<i>Tricorythodes</i> sp. 1	0	11	4	4	19
Immature Caenidae sp.	0	12	0	0	12
Immature Baetidae sp.	0	2	2	1	5
Immature Heptageniidae sp.	0	3	0	1	4
Unidentified Baetidae sp.	0	0	2	0	2
Unidentified Heptageniidae sp.	0	0	1	0	1
<b>TOTAL SPECIMENS</b>					<b>122</b>
<b>TOTAL TAXA</b>					<b>9</b>

**Tricoptera**

Taxa	#1	#2	#3	#4	TOTAL
<i>Hydropsyche alternans</i> Walker	6	9	2	19	36
<i>Hydropsyche occidentalis</i> Walker	2	2	2	3	9
<i>Nectopsyche</i> sp. 1	0	0	0	1	1
<i>Ochrotrichia</i> sp. 1	0	1	0	3	4
Immature Hydropsychidae sp.	6	15	4	27	52
Immature Psychomyiidae sp.	0	0	1	1	2
Unidentified Hydropsychidae sp.	1	0	1	12	14
Pupa	1	4	0	1	6
<b>TOTAL SPECIMENS</b>					<b>124</b>

**TOTAL TAXA**

4

**Diptera**

<b>Taxa</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>TOTAL</b>
Chironomidae (larvae)	11	59	43	137	250
Chironomidae (pupa)	2	2	2	9	15
Simuliidae (larvae)	0	1	1	0	2
Simuliidae (pupa)	0	0	0	1	1
Tipulidae (larvae)	0	0	0	2	2
<b>TOTAL SPECIMENS</b>					<b>270</b>
<b>TOTAL SPECIMENS</b> (excluding chironomids)					<b>5</b>
<b>TOTAL TAXA</b>					<b>0</b>

<b>Taxa</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>TOTAL</b>
<b>Coleoptera</b>					
<i>Celina</i> sp. 1	0	0	0	1	1
<i>Gyrinus</i> sp. 1	0	0	0	1	1
<i>Haliphus</i> sp. 1	1	0	0	7	8
<i>Laccophilus</i> sp. 1	0	0	0	1	1
<i>Uvarus</i> sp. 1	0	0	0	3	3
Carabidae	1	0	1	4	6
Histeridae	0	0	1	0	1
Immature sp.?	0	0	0	1	1
<b>Hemiptera</b>					
<i>Hesperocorixa</i> sp.?	0	0	1	0	1
<i>Lipogomphus</i> sp. 1	0	0	1	0	1
Immature Corixidae sp.	0	0	3	0	3
Bivalva	5	2	4	25	36
Collembora	4	20	0	5	29
Crayfish	0	0	37	22	59
Crustacean	2	47	7	39	95
Egg mass	1	0	1	7	9
Fish	3	0	0	19	22
<i>Hydra</i> sp.	0	9	0	0	9
Nematode	1	0	0	0	1
Oligochaetae	219	68	68	1142	1497
Skin	Yes	Yes	Yes	Yes	
Spider	0	0	0	3	3

Terrestrial, adult insects	1	0	2	7	10
T. case	2	0	0	0	2
Water mite	0	0	0	2	2

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#### **SUMMARY**

<b>Grand total insects</b>	516
<b>Grand total insects excluding chironomids</b>	251
<b>Total taxa</b>	13

10  
2  
1  
0  
0  
13

0.769231  
0.153846  
0.076923  
0  
0