

Quantitative - transect (July 2006)

Cecil Ferry

- Sample # 1 - 5 m transect
- Sample # 2 - 10 sweep backwater.
- Sample # 3 - one woodstick.
- Sample # 4 - 5 m transect, gravel.

Ephemeroptera

Taxa	#1	#2	#3	#4	TOTAL	
<i>Acentrella insignificans</i> (McDunnough)		0	0	1	0	1
<i>Acentrella parvula</i> (McDunnough)		2	0	0	0	2
<i>Acentrella turbida</i> (McDunnough)		2	1	0	0	3
<i>Baetis brunneicolor</i> McDunnough		1	0	0	0	1
<i>Brachycercus prudens</i> (McDunnough)		0	0	0	1	1
<i>Caenis amica</i> Hagen		2	0	0	2	4
<i>Centroptilum bifurcatum</i> McDunnough		0	2	0	4	6
<i>Ephoron album</i> (Say)		9	5	0	4	18
<i>Fallceon quilleri</i> (Dodds)		26	0	71	2	99
<i>Heptagenia elegantula / diabasia</i>		32	0	10	4	46
<i>Hexagenia limbata</i> (Serville)		0	0	0	1	1
<i>Isonychia compestris</i> McDunnough		23	0	8	0	31
<i>Macafermium terminatum</i> (Walsh)		5	7	0	7	19
<i>Pseudocloeon dardanum</i> (McDunnough)		1	0	0	0	1
<i>Pseudocloeon propinquum</i> (Walsh)		0	0	1	0	1
<i>Tricorythodes</i> sp. 1		0	0	1	1	2
Immature Baetidae sp.		1	0	3	0	4
Immature Heptageniidae sp.		20	0	10	4	34
Unidentified Baetidae sp.		0	0	0	1	1
Unidentified sp.		0	0	2	0	2
TOTAL SPECIMENS						277
TOTAL TAXA						16

Plecoptera

Taxa	#1	#2	#3	#4	TOTAL	
<i>Acroneuria abnormis</i> (Newman)		1	0	1	0	2
<i>Pteronacys dorsata</i> Say		0	0	1	0	1
Immature sp.		0	0	1	0	1

TOTAL SPECIMENS	4
TOTAL TAXA	2

Tricoptera

Taxa	#1	#2	#3	#4	TOTAL
<i>Cheumatopsyche</i> sp. 1	23	1	3	3	30
<i>Hydropsych alternans</i> Walker	3	0	12	0	15
<i>Hydropsyche occidentalis</i> Banks	0	0	13	0	13
Immature Hydropsychidae sp.	7	2	21	1	31
Immature Limnephilidae sp.	1	0	0	0	1
Unidentified Hydropsychidae sp.	2	0	0	0	2
Pupa	1	1	1	1	4
TOTAL SPECIMENS					96
TOTAL TAXA					3

Diptera

Taxa	#1	#2	#3	#4	TOTAL
Chironomidae (larvae)	5	2	6	0	13
Chironomidae (pupa)	1	0	0	0	1
TOTAL SPECIMENS					14
TOTAL SPECIMENS (excluding chironomids)					0
TOTAL TAXA					0

Taxa	#1	#2	#3	#4	TOTAL
Odonata					
Immature Gomphidae sp.	0	0	0	1	1
Coleoptera					
<i>Gyretes</i> sp. 1	0	0	1	0	1
<i>Uvarus</i> sp. 1	13	0	0	1	14
Hemiptera					
<i>Hesperocorixa</i> sp.?	4	27	3	3	37
Immature Corixidae sp.	0	4	0	3	7

Bivalva		0	4	0	0	4
Fish		0	37	0	0	37
Oligochaetae-like organism (white)		2	0	1	3	6
Skin	Yes	Yes	Yes	Yes		
Terrestrial, adult insects		1	0	2	1	4
T. case		1	1	4	0	6

SUMMARY

Grand total insects	391
Grand total insects excluding chironomids	377
Total taxa	21

17
2
1
1
0
21

0.809524
0.095238
0.047619
0.047619
0

