

Quantitative - transect (July 2006)

Lemsford Ferry

Sample # 1 - Shallow water, 5m transect.

Sample # 2 - 1m depth, fast current, 5m transect.

Sample # 3 - 0.3m deep, 5m transect, fast current, 4 inch rubbles, shallow water.

Sample # 4 - Woodsticks with tangled roots.

Ephemeroptera

Taxa	#1	#2	#3	#4	TOTAL	
<i>Brachycercus prudens</i> (McDunnough)		1	1	2	0	4
<i>Ephoron album</i> (Say)	10		14	19	0	43
<i>Fallceon quilleri</i> (Dodds)	1		2	2	1	6
<i>Heptagenia elegantula / diabasia</i>	8		2	9	7	26
<i>Heptagenia</i> sp. A	0		0	1	0	1
<i>Isonychia compestris</i> McDunnough	42		16	61	43	162
<i>Lachlania saskatchewanensis</i> Ide	0		1	0	1	2
<i>Leucrocota maculipennis</i> (Walsh)	12		2	21	0	35
<i>Pseudocloeon dardanum</i> (McDunnough)	0		1	2	1	4
<i>Traverella albertana</i> (McDunnough)	27		46	121	2	196
<i>Tricorythodes</i> sp. 1	0		0	0	1	1
Immature <i>Caenis</i> sp.	0		4	1	3	8
Immature Baetidae sp.	2		11	10	173	196
Immature Heptageniidae sp.	9		1	12	19	41
TOTAL SPECIMENS						725
TOTAL TAXA						11

Plecoptera

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

Tricoptera

Taxa	#1	#2	#3	#4	TOTAL
<i>Brachycentrus americanus</i> (Banks)	0	0	1	0	1
<i>Cheumatopsyche</i> sp. 1	3	2	5	28	38
<i>Hydropsyche alternans</i> Walker	0	3	1	1	5
<i>Hydropsyche occidentalis</i> Banks	5	3	8	21	37
<i>Hydropsyche placoda</i> Ross	0	0	4	0	4
<i>Nectopsyche</i> sp. 1	0	0	0	1	1
Immature Hydropsychidae sp.	3	7	27	87	124
Immature Leptoceridae sp.	0	0	0	1	1
TOTAL SPECIMENS					211
TOTAL TAXA					6

Diptera

Taxa	#1	#2	#3	#4	TOTAL
Chironomidae (larvae)	7	6	15	186	214
Chironomidae (pupa)	1	3	1	7	12
Simuliidae (larvae)	4	6	8	10	28
Simuliidae (pupa)	6	15	16	19	56
TOTAL SPECIMENS					310
TOTAL SPECIMENS (excluding chironomids)					84
TOTAL TAXA					0

Taxa	#1	#2	#3	#4	TOTAL
Coleoptera					
<i>Uvarus</i> sp. 1	2	34	7	0	43
Odonata					
Immature Gomphidae sp.	1	0	5	0	6
Bivalva	0	3	0	0	3
Egg & egg mass	2	3	3	1	9
Oligochaetae	0	4	10	32	46
Skin	Yes	Yes	Yes	Yes	
Spider	0	0	0	1	1
Terrestrial adult insect	3	1	2	0	6
T. case	1	0	1	1	3
T. pupa	0	2	3	1	6

SUMMARY

Grand total insects	1248
Grand total insects excluding chironomids	1022
Total taxa	18

