

Appendix Table 1. ICI metrics and values from data collected NEORSD during 2012.

River Mile	Drainage Area (sq mi)	Number of				Percent:							Qual. EPT	ICI or Narrative
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddisflies	Tanytarsini	Other Dipt/NI	Tolerant Organisms				
<b>West Branch Rocky River (13-200)</b>														
Year: 2012														
4.65	156.0	40(6)	6(4)	5(6)	13(4)	16.4(4)	11.7(4)	18.0(4)	49.8(2)	0.8(6)	12(4)	<b>44</b>		
4.40	160.0	34(4)	6(4)	4(4)	10(2)	15.5(2)	0.8(2)	38.0(6)	40.6(4)	1.0(6)	12(4)	<b>38</b>		
<b>Blodgett Creek (13-209)</b>														
Year: 2012														
1.70	0.8	26(4)	3(2)	2(4)	12(2)	2.4(2)	8.6(6)	18.2(6)	61.3(2)	8.3(6)	6(2)	<b>36</b>		
1.30	2.9	31(4)	3(2)	3(6)	16(4)	4.7(2)	13.7(6)	44.9(6)	34.6(4)	3.5(6)	6(2)	<b>42</b>		

**Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.**

River Code: 13-200		River: <i>West Branch Rocky River</i>		Site ID:	12H159-12Q160
Site:				Subsample:	Collector: RAM, JN
Collection Date: 09/12/2012		Latitude: 41.35939	Longitude: -81.8947	RM:	4.40
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	351 +	82820	Cryptochironomus sp	+
03360	Plumatella sp	1	84210	Paratendipes albimanus or P. duplicatus	5 +
03600	Oligochaeta	9 +	84450	Polypedilum (Uresipedilum) flavum	5 +
04964	Mooreobdella microstoma	1 +	84470	Polypedilum (P.) illinoense	+
05800	Caecidotea sp	1 +	85625	Rheotanytarsus sp	324 +
06201	Hyalella azteca	+	85800	Tanytarsus sp	+
08601	Hydracarina	+	85821	Tanytarsus glabrescens group sp 7	175 +
11120	Baetis flavistriga	11 +	85840	Tanytarsus sepp	5 +
11130	Baetis intercalaris	63 +	87540	Hemerodromia sp	9
11670	Proclleon viridoculare	+	93900	Elimia sp	51 +
13400	Stenacron sp	98 +	95100	Physella sp	+
13500	Maccaffertium sp	6 +	96280	Planorbella (Pierosoma) trivolvris	+
13521	Stenonema femoratum	1 +	96900	Ferrissia sp	4 +
16700	Tricorythodes sp	27 +	97601	Corbicula fluminea	5 +
17200	Caenis sp	+	98200	Pisidium sp	+
21200	Calopteryx sp	2 +	98600	Sphaerium sp	+
21300	Hetaerina sp	1	99280	Lasmigona costata	+
22001	Coenagrionidae	+	99880	Lampsilis cardium	+
22300	Argia sp	11 +			
26700	Macromia sp	+			
44501	Corixidae	+	No. Quantitative Taxa:	34	Total Taxa: 59
50315	Chimarra obscura	3 +	No. Qualitative Taxa:	52	ICI: 38
52200	Cheumatopsyche sp	1 +	Number of Organisms:	1328	Qual EPT: 12
52430	Ceratopsyche morosa group	4 +	QCTV:		34.6
53800	Hydroptila sp	2 +			
60900	Peltodytes sp	+			
65800	Berosus sp	+			
68075	Psephenus herricki	+			
68601	Ancyronyx variegata	6 +			
68901	Macronychus glabratus	25 +			
69400	Stenelmis sp	24 +			
74100	Simulium sp	+			
77120	Ablabesmyia mallochi	+			
78655	Procladius (Holotanypus) sp	+			
79100	Thienemannimyia group	53			
80370	Corynoneura lobata	12			
80420	Cricotopus (C.) bicinctus	+			
82101	Thienemanniella taurocapita	8			
82141	Thienemanniella xena	24			
82730	Chironomus (C.) decorus group	+			
82800	Cladopelma sp	+			

**Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.**

River Code: 13-200		River: <i>West Branch Rocky River</i>		Site ID:	12H161-12Q162	
Site:			Subsample:		Collector: RAM, JN	
Collection Date: 09/12/2012		Latitude: 41.35765	Longitude: -81.8958		RM:	4.65
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
01320	Hydra sp	13	82820	Cryptochironomus sp	+	
01801	Turbellaria	161 +	83040	Dicrotendipes neomodestus	36	
03600	Oligochaeta	16 +	84450	Polypedilum (Uresipedilum) flavum	6 +	
04964	Mooreobdella microstoma	+	84470	Polypedilum (P.) illinoense	+	
05800	Caecidotea sp	11 +	85230	Cladotanytarsus mancus group	6	
06201	Hyalella azteca	+	85500	Paratanytarsus sp	6	
06700	Crangonyx sp	+	85625	Rheotanytarsus sp	143	
08601	Hydracarina	+	85720	Stempellinella n.sp nr. flavidula	6	
11120	Baetis flavistriga	10 +	85800	Tanytarsus sp	18	
11130	Baetis intercalaris	199 +	85821	Tanytarsus glabrescens group sp 7	185	
11200	Callibaetis sp	+	85840	Tanytarsus sepp	72	
11650	Proclleon sp (w/ hindwing pads)	+	93900	Elimia sp	853 +	
13400	Stenacron sp	126 +	95100	Physella sp	+	
13500	Maccaffertium sp	31 +	96900	Ferrissia sp	4 +	
13521	Stenonema femoratum	11 +	97601	Corbicula fluminea	18 +	
16700	Tricorythodes sp	21	98200	Pisidium sp	13 +	
17200	Caenis sp	+	98600	Sphaerium sp	+	
21200	Calopteryx sp	1 +	99280	Lasmigona costata	+	
22001	Coenagrionidae	+	99860	Lampsilis radiata luteola	+	
22300	Argia sp	6 +	99880	Lampsilis cardium	+	
50301	Chimarra aterrima	+				
50315	Chimarra obscura	+	No. Quantitative Taxa: 40		Total Taxa: 60	
52200	Cheumatopsyche sp	191 +	No. Qualitative Taxa: 43		ICI: 44	
52430	Ceratopsyche morosa group	38 +	Number of Organisms: 2420		Qual EPT: 12	
52590	Hydropsyche venularis	30	QCTV:		35.1	
53800	Hydroptila sp	19				
59001	Leptoceridae	4				
68025	Ectopria sp	4 +				
68075	Psephenus herricki	4 +				
68601	Ancyronyx variegata	34 +				
68708	Dubiraphia vittata group	8 +				
68901	Macronychus glabratus	24				
69400	Stenelmis sp	18 +				
71900	Tipula sp	+				
77100	Ablabesmyia sp	+				
77500	Conchapelopia sp	18 +				
77750	Hayesomyia senata or Thienemannimyia norena	24				
78655	Procladius (Holotanypus) sp	+				
80370	Corynoneura lobata	12				
82101	Thienemanniella taurocapita	20				

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		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddisflies	Tanytarsini	Other Dipt/NI	Tolerant Organisms			
<b>West Branch Rocky River (13-200)</b>													
Year: 2012													
4.40	160.0	34(4)	6(4)	4(4)	10(2)	15.5(2)	0.8(2)	38.0(6)	40.6(4)	1.0(6)	12(4)	<b>38</b>	
1.05	185.0	33(4)	6(4)	2(2)	13(4)	25.9(4)	10.1(2)	33.9(4)	27.5(4)	2.8(6)	11(4)	<b>38</b>	
<b>Plum Creek (13-201)</b>													
Year: 2012													
2.90	17.1	25(4)	2(0)	1(2)	10(2)	4.4(2)	0.0(2)	37.1(6)	58.1(2)	12.6(4)	2(0)	<b>24</b>	
0.30	18.5	23(2)	1(0)	0(0)	17(4)	4.8(2)	0.0(0)	44.0(6)	51.1(2)	20.0(2)	2(0)	<b>18</b>	

**Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.**

River Code: 13-200		River: <i>West Branch Rocky River</i>		Site ID:	12H153-12Q154
Site:				Subsample:	Collector: JWR, MM, J
Collection Date: 09/17/2012		Latitude: 41.40159	Longitude: -81.9003	RM:	1.05
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	228 +	80370	Corynoneura lobata	16
03360	Plumatella sp	1 +	81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	16
03600	Oligochaeta	80 +	82101	Thienemanniella taurocapita	32
04962	Mooreobdella fervida	+	82141	Thienemanniella xena	16
04964	Mooreobdella microstoma	+	82730	Chironomus (C.) decorus group	+
05800	Caecidotea sp	2 +	82820	Cryptochironomus sp	+
06201	Hyalella azteca	+	82880	Cryptotendipes sp	+
06700	Crangonyx sp	+	83040	Dicotendipes neomodestus	16 +
08250	Orconectes (Procericambarus) rusticus	+	84450	Polypedilum (Uresipedilum) flavum	172
08601	Hydracarina	+	84470	Polypedilum (P.) illinoense	+
11120	Baetis flavistriga	116 +	84540	Polypedilum (Tripodura) scalaenum group	78 +
11130	Baetis intercalaris	467 +	85230	Cladotanytarsus mancus group	+
13400	Stenacron sp	2 +	85625	Rheotanytarsus sp	484
13500	Maccaffertium sp	36 +	85821	Tanytarsus glabrescens group sp 7	453 +
13521	Stenonema femoratum	+	85840	Tanytarsus sepp	16 +
16700	Tricorythodes sp	82 +	93900	Elimia sp	+
17200	Caenis sp	24 +	97601	Corbicula fluminea	11 +
21200	Calopteryx sp	+	98600	Sphaerium sp	9 +
21300	Hetaerina sp	2 +			
22001	Coenagrionidae	+			
22300	Argia sp	2 +			
23909	Boyeria vinosa	+	No. Quantitative Taxa:	33	Total Taxa: 58
28208	Erythemis simplicicollis	+	No. Qualitative Taxa:	51	ICI: 38
44501	Corixidae	+	Number of Organisms:	2808	Qual EPT: 11
52200	Cheumatopsyche sp	225 +	QCTV:		34.1
52430	Ceratopsyche morosa group	58 +			
52530	Hydropsyche depravata group	+			
58505	Helicopsyche borealis	+			
60900	Peltodytes sp	+			
65800	Berosus sp	1 +			
67800	Tropisternus sp	+			
68075	Psephenus herricki	+			
68601	Ancyronyx variegata	8 +			
68901	Macronychus glabratus	34 +			
69400	Stenelmis sp	27 +			
71900	Tipula sp	+			
77120	Ablabesmyia mallochi	16 +			
77500	Conchapelopia sp	47 +			
77750	Hayesomyia senata or Thienemannimyia norena	31			
78655	Procladius (Holotanypus) sp	+			

**Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.**

River Code: 13-200		River: <i>West Branch Rocky River</i>		Site ID:	12H159-12Q160
Site:				Subsample:	Collector: RAM, JN
Collection Date: 09/12/2012		Latitude: 41.35939	Longitude: -81.8947	RM:	4.40
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	351 +	82820	Cryptochironomus sp	+
03360	Plumatella sp	1	84210	Paratendipes albimanus or P. duplicatus	5 +
03600	Oligochaeta	9 +	84450	Polypedilum (Uresipedilum) flavum	5 +
04964	Mooreobdella microstoma	1 +	84470	Polypedilum (P.) illinoense	+
05800	Caecidotea sp	1 +	85625	Rheotanytarsus sp	324 +
06201	Hyalella azteca	+	85800	Tanytarsus sp	+
08601	Hydracarina	+	85821	Tanytarsus glabrescens group sp 7	175 +
11120	Baetis flavistriga	11 +	85840	Tanytarsus sepp	5 +
11130	Baetis intercalaris	63 +	87540	Hemerodromia sp	9
11670	Proclaeon viridoculare	+	93900	Elimia sp	51 +
13400	Stenacron sp	98 +	95100	Physella sp	+
13500	Maccaffertium sp	6 +	96280	Planorbella (Pierosoma) trivolvris	+
13521	Stenonema femoratum	1 +	96900	Ferrissia sp	4 +
16700	Tricorythodes sp	27 +	97601	Corbicula fluminea	5 +
17200	Caenis sp	+	98200	Pisidium sp	+
21200	Calopteryx sp	2 +	98600	Sphaerium sp	+
21300	Hetaerina sp	1	99280	Lasmigona costata	+
22001	Coenagrionidae	+	99880	Lampsilis cardium	+
22300	Argia sp	11 +			
26700	Macromia sp	+			
44501	Corixidae	+	No. Quantitative Taxa:	34	Total Taxa: 59
50315	Chimarra obscura	3 +	No. Qualitative Taxa:	52	ICI: 38
52200	Cheumatopsyche sp	1 +	Number of Organisms:	1328	Qual EPT: 12
52430	Ceratopsyche morosa group	4 +	QCTV:		34.6
53800	Hydroptila sp	2 +			
60900	Peltodytes sp	+			
65800	Berosus sp	+			
68075	Psephenus herricki	+			
68601	Ancyronyx variegata	6 +			
68901	Macronychus glabratus	25 +			
69400	Stenelmis sp	24 +			
74100	Simulium sp	+			
77120	Ablabesmyia mallochi	+			
78655	Procladius (Holotanypus) sp	+			
79100	Thienemannimyia group	53			
80370	Corynoneura lobata	12			
80420	Cricotopus (C.) bicinctus	+			
82101	Thienemanniella taurocapita	8			
82141	Thienemanniella xena	24			
82730	Chironomus (C.) decorus group	+			
82800	Cladopelma sp	+			