

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

River Mile	Drainage Area (sq mi)	Number of				Percent:						
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis- flies	Tany- tarsini	Other Dipt/NI	Tolerant Organisms	Qual. EPT	ICI or Narrative
East Branch Rocky River (13-100)												
Year: 2012												
3.40	75.3	37(4)	4(2)	4(6)	20(6)	11.9(2)	41.9(6)	13.0(2)	32.9(4)	2.0(6)	9(2)	40
3.10	75.4	34(4)	4(2)	4(6)	17(4)	9.7(2)	46.6(6)	21.7(4)	20.9(6)	2.1(6)	8(2)	42

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

River Code: 13-100		River: <i>East Branch Rocky River</i>		Site ID:	12H147-12Q148
Site:			Subsample:	Collector: RM, JN	
Collection Date: 09/13/2012		Latitude: 41.38250	Longitude: -81.8628	RM:	3.40
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
00401	Spongillidae	+	82101	Thienemanniella taurocapita	48
01801	Turbellaria	42 +	82141	Thienemanniella xena	68
03360	Plumatella sp	+	82220	Tvetenia discoloripes group	11
03451	Urnatella gracilis	4	83040	Dicrotendipes neomodestus	11
03600	Oligochaeta	17 +	83300	Glyptotendipes (G.) sp	22
05800	Caecidotea sp	9 +	84450	Polypedilum (Uresipedilum) flavum	368 +
06700	Crangonyx sp	+	84460	Polypedilum (P.) fallax group	11
08250	Orconectes (Procericambarus) rusticus	+	84470	Polypedilum (P.) illinoense	11 +
08601	Hydracarina	8	84540	Polypedilum (Tripodura) scalaenum group	+
11120	Baetis flavistriga	78 +	85625	Rheotanytarsus sp	167
11130	Baetis intercalaris	272 +	85800	Tanytarsus sp	+
13400	Stenacron sp	+	85821	Tanytarsus glabrescens group sp 7	223
13521	Stenonema femoratum	11 +	85840	Tanytarsus sepp	11 +
17200	Caenis sp	8 +	96900	Ferrissia sp	24
21200	Calopteryx sp	+	97710	Dreissena polymorpha	+
21300	Hetaerina sp	+	98600	Sphaerium sp	+
22001	Coenagrionidae	+			
22300	Argia sp	+	No. Quantitative Taxa: 37		Total Taxa: 56
45400	Trichocorixa sp	+	No. Qualitative Taxa: 40		ICI: 40
50315	Chimarra obscura	+	Number of Organisms: 3095		Qual EPT: 9
52200	Cheumatopsyche sp	746 +	QCTV: 37.2		
52430	Ceratopsyche morosa group	533 +			
52530	Hydropsyche depravata group	12 +			
53501	Hydroptilidae	5			
59970	Petrophila sp	+			
68601	Ancyronyx variegata	2			
68901	Macronychus glabratus	1 +			
69400	Stenelmis sp	9 +			
71900	Tipula sp	+			
74100	Simulium sp	158 +			
77120	Ablabesmyia mallochi	+			
77500	Conchapelopia sp	22 +			
77750	Hayesomyia senata or Thienemannimyia norena	56 +			
77800	Helopelopia sp	+			
78350	Meropelopia sp	22			
78450	Nilotanypus fimbriatus	20 +			
80310	Cardiocladius obscurus	33 +			
80350	Corynoneura sp	8			
80410	Cricotopus (C.) sp	22			
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	22 +			

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

River Code: 13-100		River: <i>East Branch Rocky River</i>		Site ID:	12H145-12Q146
Site:				Subsample:	Collector: RM, JN
Collection Date: 09/13/2012		Latitude: 41.38610	Longitude: -81.8644	RM: 3.10	
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	74 +	84450	Polypedilum (Uresipedilum) flavum	156 +
03360	Plumatella sp	+	84460	Polypedilum (P.) fallax group	10
03600	Oligochaeta	24 +	84540	Polypedilum (Tripodura) scalaenum group	10
04964	Mooreobdella microstoma	1			
05800	Caecidotea sp	+	85625	Rheotanytarsus sp	313 +
06700	Crangonyx sp	+	85821	Tanytarsus glabrescens group sp 7	313
08250	Orconectes (Procericambarus) rusticus	2 +	85840	Tanytarsus sepp	+
11120	Baetis flavistriga	53 +	87540	Hemerodromia sp	17
11130	Baetis intercalaris	198 +	96900	Ferrissia sp	26
13400	Stenacron sp	8 +	97601	Corbicula fluminea	+
13521	Stenonema femoratum	20 +	98600	Sphaerium sp	+
17200	Caenis sp	+			
21200	Calopteryx sp	+	No. Quantitative Taxa: 34		Total Taxa: 50
21300	Hetaerina sp	+	No. Qualitative Taxa: 33		ICI: 42
22001	Coenagrionidae	+	Number of Organisms: 2879		Qual EPT: 8
22300	Argia sp	1	QCTV:		36.6
23909	Boyeria vinosa	+			
28500	Libellula sp	+			
44501	Corixidae	+			
50315	Chimarra obscura	17 +			
52200	Cheumatopsyche sp	802 +			
52430	Ceratopsyche morosa group	500 +			
52530	Hydropsyche depravata group	22			
68601	Ancyronyx variegata	24			
68901	Macronychus glabratus	2 +			
69400	Stenelmis sp	5 +			
71900	Tipula sp	8			
72700	Anopheles sp	+			
74100	Simulium sp	41 +			
77500	Conchapelopia sp	31 +			
77750	Hayesomyia senata or Thienemannimyia norena	21			
78450	Nilotanypus fimbriatus	16			
78655	Procladius (Holotanypus) sp	+			
79020	Tanypus neopunctipennis	+			
80370	Corynoneura lobata	12			
80410	Cricotopus (C.) sp	10			
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	10			
82101	Thienemanniella taurocapita	28			
82141	Thienemanniella xena	52 +			
83040	Dicrotendipes neomodestus	52			