

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

River Code: 15-001		River: <i>Chagrin River</i>		Site ID:	12H081-12Q082	
Site:				Subsample:	Collector: RAM, JN	
Collection Date: 09/06/2012		Latitude: 41.47640	Longitude: -81.3982	RM:	22.60	
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
00401	Spongillidae	+	77750	Hayesomyia senata or Thienemannimyia norena	121	
01320	Hydra sp	17	78450	Nilotanytus fimbriatus	+	
01801	Turbellaria	4 +	78655	Procladius (Holotanytus) sp	+	
03360	Plumatella sp	9 +	79100	Thienemannimyia group	+	
03600	Oligochaeta	+	80370	Corynoneura lobata	40	
05800	Caecidotea sp	2 +	80470	Cricotopus (C.) or Orthocladus (O.) sp	+	
06700	Crangonyx sp	+	82101	Thienemanniella taurocapita	40	
08240	Orconectes (Crockerinus) propinquus	+	82220	Tvetenia discoloripes group	+	
11014	Acentrella turbida	+	82820	Cryptochironomus sp	+	
11120	Baetis flavistriga	55 +	82880	Cryptotendipes sp	+	
11130	Baetis intercalaris	125 +	83040	Dicrotendipes neomodestus	604 +	
11200	Callibaetis sp	+	83310	Glyptotendipes (Trichotendipes) amplus	+	
11650	Procladius sp (w/ hindwing pads)	+	84450	Polypedilum (Uresipedilum) flavum	282 +	
12200	Isonychia sp	3 +	84470	Polypedilum (P.) illinoense	+	
12900	Heptagenia sp	3	84540	Polypedilum (Tripodura) scalaenum group	40 +	
13400	Stenacron sp	123 +	85230	Cladotanytarsus mancus group	+	
13561	Maccaffertium pulchellum	147 +	85625	Rheotanytarsus sp	282 +	
13590	Maccaffertium vicarium	3	85821	Tanytarsus glabrescens group sp 7	2094 +	
17200	Caenis sp	16 +	85840	Tanytarsus sepp	40	
21200	Calopteryx sp	+	86401	Atherix lantha	+	
22001	Coenagrionidae	+	87501	Empididae	4	
22300	Argia sp	10 +	94400	Fossaria sp	+	
23909	Boyeria vinosa	+	96120	Menetus (Micromenetus) dilatatus	+	
34400	Paragnetina sp	1 +	96900	Ferrissia sp	49 +	
44501	Corixidae	+	98600	Sphaerium sp	+	
52200	Cheumatopsyche sp	665 +				
52430	Ceratopsyche morosa group	78 +				
59970	Petrophila sp	4				
60900	Peltodytes sp	+	No. Quantitative Taxa: 33		Total Taxa: 66	
66500	Enochrus sp	+	No. Qualitative Taxa: 56		ICI: 40	
67800	Tropisternus sp	+	Number of Organisms: 5004		Qual EPT: 12	
68075	Psephenus herricki	+	QCTV:		35.5	
68601	Ancyronyx variegata	5 +				
68700	Dubiraphia sp	+				
68901	Macronychus glabratus	12 +				
69400	Stenelmis sp	4 +				
70600	Antocha sp	1 +				
74100	Simulium sp	+				
74501	Ceratopogonidae	+				
77100	Ablabesmyia sp	+				
77500	Conchapelopia sp	121				

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River Code: 15-001		River: <i>Chagrin River</i>		Site ID: 12H083-12Q084	
Site: Solon Rd.			Subsample:		Collector: RAM, JN
Collection Date: 09/06/2012		Latitude: 41.42500	Longitude: -81.4175		RM: 26.70
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
00401	Spongillidae	+	68601	Ancyronyx variegata	+
01320	Hydra sp	36	68708	Dubiraphia vittata group	1 +
01801	Turbellaria	6 +	68901	Macronychus glabratus	10 +
01900	Nemertea	+	69400	Stenelmis sp	5 +
02600	Nematomorpha	+	71300	Limonia sp	+
03000	Ectoprocta	8 +	71900	Tipula sp	+
03600	Oligochaeta	25 +	74100	Simulium sp	1 +
05800	Caecidotea sp	+	74501	Ceratopogonidae	+
06700	Crangonyx sp	+	77120	Ablabesmyia mallochi	+
08250	Orconectes (Procericambarus) rusticus	+	77500	Conchapelopia sp	52 +
08601	Hydracarina	4 +	77750	Hayesomyia senata or Thienemannimyia norena	52
11014	Acentrella turbida	+	78350	Meropelopia sp	+
11100	Baetis sp	16	78655	Procladius (Holotanypus) sp	+
11120	Baetis flavistriga	+	79720	Diamesa sp	+
11130	Baetis intercalaris	+	80001	Orthocladiinae	35
11650	Proclaeon sp (w/ hindwing pads)	+	80370	Corynoneura lobata	64
11670	Proclaeon viridoculare	+	82220	Tvetenia discoloripes group	+
12900	Heptagenia sp	+	82880	Cryptotendipes sp	+
13400	Stenacron sp	3 +	83040	Dicrotendipes neomodestus	800 +
13521	Stenonema femoratum	+	83820	Microtendipes "caelum" (sensu Simpson & Bode, 1980)	139
13561	Maccaffertium pulchellum	50 +	83840	Microtendipes pedellus group	+
17200	Caenis sp	+	84210	Paratendipes albimanus or P. duplicatus	35 +
21200	Calopteryx sp	1 +	84300	Phaenopsectra obediens group	70
22300	Argia sp	18 +	84450	Polypedilum (Uresipedilum) flavum	70 +
23909	Boyeria vinosa	+	85230	Cladotanytarsus mancus group	104
24900	Gomphus sp	+	85500	Paratanytarsus sp	+
26700	Macromia sp	+	85615	Rheotanytarsus pellucidus	35 +
27307	Epitheca (Epicordulia) princeps	+	85625	Rheotanytarsus sp	+
28208	Erythemis simplicicollis	+	85800	Tanytarsus sp	35
34400	Paragnetina sp	2 +	85821	Tanytarsus glabrescens group sp 7	2121 +
44501	Corixidae	+	85840	Tanytarsus sepp	70
52200	Cheumatopsyche sp	20 +	87540	Hemerodromia sp	8
52430	Ceratopsyche morosa group	5 +	96900	Ferrissia sp	20 +
52450	Ceratopsyche sparna	5	98200	Pisidium sp	+
52530	Hydropsyche depravata group	+	98600	Sphaerium sp	2 +
59500	Oecetis sp	1			
59740	Trienodes perna	+			
59970	Petrophila sp	1			
60900	Peltodytes sp	+			
68075	Psephenus herricki	4 +			
68130	Helichus sp	+			

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

River Code: 15-001 River: ***Chagrin River*** Site ID: 12H083-12Q084
 Site: Solon Rd. Subsample: Collector: RAM, JN
 Collection Date: 09/06/2012 Latitude: 41.42500 Longitude: -81.4175 RM: 26.70

Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
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No. Quantitative Taxa:	38	Total Taxa:	76
No. Qualitative Taxa:	62	ICI:	42
Number of Organisms:	3934	Qual EPT:	15
QCTV:			36.6

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

River Code: 15-004		River: <i>Willey Creek</i>		Site ID:	12H087-12Q088
Site:				Subsample:	Collector: RM, JN
Collection Date: 09/06/2012		Latitude: 41.43600	Longitude: -81.4240	RM: 1.00	
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01320	Hydra sp	4	85615	Rheotanytarsus pellucidus	43
01801	Turbellaria	14 +	85625	Rheotanytarsus sp	272 +
02600	Nematomorpha	+	85821	Tanytarsus glabrescens group sp 7	391 +
03360	Plumatella sp	+	85840	Tanytarsus sepp	+
03600	Oligochaeta	13 +	87540	Hemerodromia sp	4
05800	Caecidotea sp	13 +	96900	Ferrissia sp	4
06700	Crangonyx sp	1 +			
11120	Baetis flavistriga	32 +	No. Quantitative Taxa:	29	Total Taxa: 46
13521	Stenonema femoratum	+	No. Qualitative Taxa:	33	ICI: 42
21200	Calopteryx sp	2 +	Number of Organisms:	1432	Qual EPT: 8
22001	Coenagrionidae	+	QCTV:	35.9	
22300	Argia sp	+			
23909	Boyeria vinosa	+			
50301	Chimarra aterrima	+			
50315	Chimarra obscura	+			
52200	Cheumatopsyche sp	62 +			
52430	Ceratopsyche morosa group	3			
52450	Ceratopsyche sparna	42 +			
52530	Hydropsyche depravata group	16 +			
59310	Mystacides sepulchralis	+			
60900	Peltodytes sp	+			
69400	Stenelmis sp	10 +			
71700	Pilaria sp	+			
71900	Tipula sp	+			
74100	Simulium sp	4 +			
74501	Ceratopogonidae	4			
77500	Conchapelopia sp	207			
77750	Hayesomyia senata or Thienemannimyia norena	+			
77800	Helopelopia sp	54 +			
78450	Nilotanypus fimbriatus	16			
79720	Diamesa sp	+			
80351	Corynoneura n.sp 1	20			
80370	Corynoneura lobata	44			
80430	Cricotopus (C.) tremulus group	11			
81650	Parametricnemus sp	22 +			
82141	Thienemanniella xena	4			
83040	Dicrotendipes neomodestus	+			
84450	Polypedilum (Uresipedilum) flavum	11			
84612	Saetheria tylus	+			
85500	Paratanytarsus sp	109 +			

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

River Code: 15-018		River: <i>Trib to Chagrin River (RM 22.81)</i>		Site ID:	12H089-12Q090
Site:				Subsample:	Collector: RAM, JN
Collection Date: 09/06/2012		Latitude: 41.47190	Longitude: -81.4401	RM:	3.30
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01320	Hydra sp	21	85625	Rheotanytarsus sp	14
01801	Turbellaria	29 +	85800	Tanytarsus sp	14 +
03360	Plumatella sp	2	85821	Tanytarsus glabrescens group sp 7	550 +
03600	Oligochaeta	36 +	94400	Fossaria sp	+
04664	Helobdella stagnalis	+	95100	Physella sp	10
05800	Caecidotea sp	2 +	96120	Menetus (Micromenetus) dilatatus	+
06700	Crangonyx sp	4	96900	Ferrissia sp	8 +
08250	Orconectes (Procericambarus) rusticus	+	98600	Sphaerium sp	4 +
11120	Baetis flavistriga	31 +			
11200	Callibaetis sp	+	No. Quantitative Taxa:	29	Total Taxa: 48
13521	Stenonema femoratum	+	No. Qualitative Taxa:	35	ICI: 34
21200	Calopteryx sp	2 +	Number of Organisms:	1479	Qual EPT: 5
22001	Coenagrionidae	2 +	QCTV:		33.1
22300	Argia sp	4 +			
23600	Aeshna sp	+			
44501	Corixidae	+			
52200	Cheumatopsyche sp	+			
52530	Hydropsyche depravata group	+			
53800	Hydroptila sp	6			
60900	Peltodytes sp	+			
68708	Dubiraphia vittata group	+			
69400	Stenelmis sp	+			
74100	Simulium sp	+			
77120	Ablabesmyia mallochi	87 +			
78450	Nilotanypus fimbriatus	12			
79100	Thienemannimyia group	14			
80370	Corynoneura lobata	56			
80410	Cricotopus (C.) sp	58			
80430	Cricotopus (C.) tremulus group	+			
81200	Nanocladius sp	+			
81650	Parametricnemus sp	+			
82141	Thienemanniella xena	8			
83040	Dicrotendipes neomodestus	87 +			
83051	Dicrotendipes simpsoni	14			
83300	Glyptotendipes (G.) sp	101 +			
83840	Microtendipes pedellus group	+			
84210	Paratendipes albimanus or P. duplicatus	43 +			
84450	Polypedilum (Uresipedilum) flavum	+			
84460	Polypedilum (P.) fallax group	29			
85500	Paratanytarsus sp	231 +			

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

River Code: 15-019 River: *Trib to Chagrin R. (RM 22.81/ 2.17)* Site ID: 12Q092
 Site: Subsample: Collector: RAM, JN
 Collection Date: 08/31/2012 Latitude: 41.46000 Longitude: -81.4318 RM: 0.30

Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	+			
03600	Oligochaeta	+			
04935	Erpobdella punctata punctata	+			
04964	Mooreobdella microstoma	+			
21200	Calopteryx sp	+			
22001	Coenagrionidae	+			
71900	Tipula sp	+			
74100	Simulium sp	+			
78655	Procladius (Holotanypus) sp	+			
83040	Dicrotendipes neomodestus	+			
84210	Paratendipes albimanus or P. duplicatus	+			
84470	Polypedilum (P.) illinoense	+			
84540	Polypedilum (Tripodura) scalaenum group	+			
85500	Paratanytarsus sp	+			
96120	Menetus (Micromenetus) dilatatus	+			
96264	Planorbella (Pierosoma) pilsbryi	+			
98600	Sphaerium sp	+			

No. Quantitative Taxa: 0 Total Taxa: 17
 No. Qualitative Taxa: 17 ICI:
 Number of Organisms: 0 Qual EPT: 0
 QCTV: 27.7

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

River Code: 15-054		River: <i>Trib to Chagrin River at RM 23.93</i>		Site ID:	12Q086
Site: Quail Hollow				Subsample:	Collector: RAM, JN
Collection Date: 08/31/2012		Latitude: 41.45530	Longitude: -81.4066	RM:	0.10
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01801	Turbellaria	+			
03600	Oligochaeta	+			
05800	Caecidotea sp	+			
08250	Orconectes (Procericambarus) rusticus	+			
11120	Baetis flavistriga	+			
21200	Calopteryx sp	+			
22001	Coenagrionidae	+			
22300	Argia sp	+			
23600	Aeshna sp	+			
23700	Anax sp	+			
23909	Boyeria vinosa	+			
52200	Cheumatopsyche sp	+			
52530	Hydropsyche depravata group	+			
53800	Hydroptila sp	+			
60900	Peltodytes sp	+			
63400	Hydrovatus sp	+			
63900	Laccophilus sp	+			
67700	Paracymus sp	+			
68708	Dubiraphia vittata group	+			
69400	Stenelmis sp	+			
71900	Tipula sp	+			
72700	Anopheles sp	+			
77800	Helopelopia sp	+			
78350	Meropelopia sp	+			
78655	Procladius (Holotanypus) sp	+			
79210	Thienemannimyia norena	+			
80420	Cricotopus (C.) bicinctus	+			
81650	Parametriocnemus sp	+			
82820	Cryptochironomus sp	+			
84210	Paratendipes albimanus or P. duplicatus	+			
84300	Phaenopsectra obediens group	+			
84450	Polypedilum (Uresipedilum) flavum	+			
85840	Tanytarsus sepp	+			
89001	Sciomyzidae	+			
95100	Physella sp	+			
			No. Quantitative Taxa:	0	Total Taxa: 35
			No. Qualitative Taxa:	35	ICI:
			Number of Organisms:	0	Qual EPT: 4
			QCTV:		33.1