

**Chagrin River 2013**  
**River Mile: 22.60**  
**Drainage Area: 153.0 miles<sup>2</sup>**

**OEPA**

Taxa Code	Species	Number	
		HD	Qual
01801	Turbellaria	33	+
03360	Plumatella sp		+
03600	Oligochaeta	64	+
04960	Erpobdella sp (=Mooreobdella)		+
05800	Caecidotea sp		+
06700	Crangonyx sp		+
08601	Hydrachnidia		+
11014	Acentrella turbida	18	+
11120	Baetis flavistriga	153	
11130	Baetis intercalaris	547	+
11245	Centroptilum sp		+
11650	Proclleon sp (w/ hindwing pads)		+
12200	Isonychia sp		+
13400	Stenacron sp	1	+
13521	Stenonema femoratum		+
13561	Maccaffertium pulchellum	27	+
13590	Maccaffertium vicarium		+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22300	Argia sp	1	+
22600	Enallagma sp		+
23905	Boyeria grafiana		+
23909	Boyeria vinosa		+
26700	Macromia sp		+
50301	Chimarra aterrima		+
52200	Cheumatopsyche sp	1576	+
52431	Ceratopsyche morosa	1029	+
52450	Ceratopsyche sparna	138	+
52530	Hydropsyche depravata group	31	
52540	Hydropsyche dicantha	34	
53800	Hydroptila sp	1	+
59970	Petrophila sp		+
65800	Berosus sp		+
66500	Enochrus sp		+
67700	Paracymus sp		+
67750	Sperchopsis tessellata		+
68075	Psephenus herricki		+
68130	Helichus sp		+
68601	Ancyronyx variegata	16	+
68708	Dubiraphia vittata group		+
68901	Macronychus glabratus	18	+
69400	Stenelmis sp	8	+
70600	Antocha sp	16	
71900	Tipula sp	1	
74100	Simulium sp	18	+
77120	Ablabesmyia mallochi		+
78450	Nilotanytus fimbriatus	85	
79100	Thienemannimyia group	679	+
80370	Corynoneura lobata	213	
80420	Cricotopus (C.) bicinctus	85	
80470	Cricotopus (C.) or Orthocladius (O.) sp	85	+
81650	Parametricnemus sp	170	
82100	Thienemanniella sp	128	
82220	Tvetenia discoloripes group	424	+
82820	Cryptochironomus sp		+
83840	Microtendipes pedellus group	594	
84300	Phaenopsectra obediens group	85	
84450	Polypedilum (Uresipedilum) flavum	764	+
84460	Polypedilum (P.) fallax group	85	
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	85	
85625	Rheotanytarsus sp	4836	+
85821	Tanytarsus glabrescens group sp 7	764	+
85840	Tanytarsus sepp	424	+
87540	Hemerodromia sp	48	
94201	Lymnaeidae		+
95100	Physella sp (also named Physa sp.)		+
96900	Ferrissia sp		+

Number of Organisms	13284
ICI Score	48
Number of Quantitative Taxa	37
Number of Qualitative Taxa	53
Number of Qualitative EPT Taxa	14
Total Number of Taxa	68

**Chagrin River 2013**  
**River Mile: 26.70**  
**Drainage Area: 120.0 miles<sup>2</sup>**

**OEPA**

Taxa Code	Species	Number	
		HD	Qual
00650	Eunapius sp		+
01320	Hydra sp	16	
01801	Turbellaria	25	+
03360	Plumatella sp		+
03600	Oligochaeta		+
04686	Placobdella papillifera		+
05800	Caecidotea sp		+
06700	Crangonyx sp		+
08601	Hydrachnidia	4	+
11115	Baetis tricaudatus		+
11120	Baetis flavistriga	323	+
11130	Baetis intercalaris	83	+
11245	Centroptilum sp		+
11650	Procloeon sp (w/ hindwing pads)		+
12200	Isonychia sp	5	+
13000	Leucrocuta sp		+
13561	Maccaffertium pulchellum	11	+
13590	Maccaffertium vicarium	12	+
17200	Caenis sp		+
21200	Calopteryx sp		+
22300	Argia sp	5	+
22600	Enallagma sp		+
22700	Ischnura sp		+
43300	Ranatra sp		+
48410	Corydalus cornutus	1	
50301	Chimarra aterrima		+
52200	Cheumatopsyche sp	542	+
52431	Ceratopsyche morosa	125	+
52450	Ceratopsyche sparna	390	+
59740	Trienodes perna		+
59970	Petrophila sp		+
65800	Berosus sp		+
68075	Psephenus herricki		+
68601	Ancyronyx variegata		+
68708	Dubiraphia vittata group		+
68901	Macronychus glabratus	25	+
69400	Stenelmis sp	25	+
70600	Antocha sp	56	+
71900	Tipula sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochi		+
78655	Procladius (Holotanypus) sp		+
79100	Thienemannimyia group	218	+
80310	Cardiocladius obscurus		+
80420	Cricotopus (C.) bicinctus	18	
80470	Cricotopus (C.) or Orthocladius (O.) sp		+
82141	Thienemanniella xena	18	
82220	Tvetenia discoloripes group	91	
82820	Cryptochironomus sp		+
83840	Microtendipes pedellus group	91	+
84210	Paratendipes albimanus or P. duplicatus	18	
84300	Phaenopsectra obediens group	36	
84450	Polypedilum (Uresipedilum) flavum	346	
84460	Polypedilum (P.) fallax group	55	
84470	Polypedilum (P.) illinoense		+
84700	Stenochironomus sp		+
85625	Rheotanytarsus sp	618	
85821	Tanytarsus glabrescens group sp 7	255	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	52	
96900	Ferrissia sp	32	+
98200	Pisidium sp		+
98600	Sphaerium sp	32	+
	Number of Organisms	3528	
	ICI Score	42	
	Number of Quantitative Taxa	30	
	Number of Qualitative Taxa	51	
	Number of Qualitative EPT Taxa	15	
	Total Number of Taxa	63	

**Chagrin Unnamed Trib 2013**

**River Mile: 0.10**  
**Drainage Area: 0.8 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>
01801	Turbellaria		y	
03600	Oligochaeta		y	
08200	Orconectes sp		y	
11115	Baetis tricaudatus	y	y	y
11120	Baetis flavistriga	y	y	
14501	Leptophlebiidae	y	y	
21200	Calopteryx sp		y	
22300	Argia sp		y	
22600	Enallagma sp		y	
22700	Ischnura sp		y	
23600	Aeshna sp		y	
23905	Boyeria grafiana		y	y
52200	Cheumatopsyche sp	y	y	
52315	Diplectrona modesta	y	y	y
52530	Hydropsyche depravata group	y	y	
53800	Hydroptila sp	y	y	
60900	Peltodytes sp		y	
67100	Hydrobius sp		y	
69400	Stenelmis sp		y	
71100	Hexatoma sp		y	
71900	Tipula sp		y	
74100	Simulium sp		y	
74501	Ceratopogonidae		y	
78401	Natarsia species A (sensu Roback, 1978)		y	
78650	Procladius sp		y	
79100	Thienemannimyia group		y	
79400	Zavrelimyia sp		y	y
80370	Corynoneura lobata		y	
80420	Cricotopus (C.) bicinctus		y	
80430	Cricotopus (C.) tremulus group		y	
80740	Eukiefferiella claripennis group		y	
82070	Synorthocladius semivirens		y	
82141	Thienemanniella xena		y	
82220	Tvetenia discoloripes group		y	
82820	Cryptochironomus sp		y	
84300	Phaenopsectra obediens group		y	
84600	Saetheria sp		y	
85500	Paratanytarsus sp		y	
85840	Tanytarsus sepp		y	
94201	Lymnaeidae		y	
Totals:		7	40	4

Pepper-Luce Creek 2013

River Mile: 3.30  
 Drainage Area: 7.1 miles<sup>2</sup>

OEPA

Taxa Code	Species	Number	
		HD	Qual
00401	Spongillidae		+
01320	Hydra sp	4	
01801	Turbellaria	194	+
03360	Plumatella sp	4	
03600	Oligochaeta	64	+
04960	Erpobdella sp (=Mooreobdella)		+
05800	Caecidotea sp		+
06700	Crangonyx sp		+
08601	Hydrachnidia		+
11120	Baetis flavistriga	19	+
11650	Procladius sp (w/ hindwing pads)	1	
21200	Calopteryx sp	2	+
22300	Argia sp	32	+
22700	Ischnura sp	1	
23909	Boyeria vinosa	1	
27000	Corduliidae or Libellulidae		+
44501	Corixidae		+
52200	Cheumatopsyche sp	78	+
52530	Hydropsyche depravata group	1	+
59970	Petrophila sp	1	
69400	Stenelmis sp		+
71900	Tipula sp	1	+
74100	Simulium sp		+
74501	Ceratopogonidae	64	
77120	Ablabesmyia mallochi	85	+
79100	Thienemannimyia group	509	+
80370	Corynoneura lobata	958	
80420	Cricotopus (C.) bicinctus	85	
80430	Cricotopus (C.) tremulus group	679	+
80470	Cricotopus (C.) or Orthocladius (O.) sp	1103	+
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	254	
81650	Parametricnemus sp	85	
82070	Synorthocladius semivirens		+
82100	Thienemanniella sp	128	
83040	Dicrotendipes neomodestus	1527	+
83045	Dicrotendipes nervosus	254	
83051	Dicrotendipes simpsoni	85	
83300	Glyptotendipes (G.) sp	170	+
83840	Microtendipes pedellus group		+
84210	Paratendipes albimanus or P. duplicatus		+
84450	Polypedilum (Uresipedilum) flavum		+
84460	Polypedilum (P.) fallax group	254	
84470	Polypedilum (P.) illinoense	85	+
84540	Polypedilum (Tripodura) scalaenum group		+
84600	Saetheria sp		+
85500	Paratanytarsus sp	933	
85625	Rheotanytarsus sp	254	
85800	Tanytarsus sp		+
85821	Tanytarsus glabrescens group sp 7	2120	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	32	+
96900	Ferrissia sp	1	
98600	Sphaerium sp		+

Number of Organisms	10068
ICI Score	32
Number of Quantitative Taxa	35
Number of Qualitative Taxa	34
Number of Qualitative EPT Taxa	3
Total Number of Taxa	53

**Pepper-Luce Unnamed Trib 2013**

**River Mile: 0.30**

**Drainage Area: 0.5 miles<sup>2</sup>**

**OEPA**

<b>Taxa</b>		Qualitative	Qualitative	Coldwater
<b>Code</b>	<b>Species</b>	<u>EPT Taxa</u>	<u>Taxa</u>	<u>Taxa</u>
01801	Turbellaria		y	
03600	Oligochaeta		y	
04664	Helobdella stagnalis		y	
04960	Erpobdella sp (=Mooreobdella)		y	
11120	Baetis flavistriga	y	y	
21200	Calopteryx sp		y	
22700	Ischnura sp		y	
23600	Aeshna sp		y	
52200	Cheumatopsyche sp	y	y	
71900	Tipula sp		y	
78655	Procladius (Holotanypus) sp		y	
79100	Thienemannimyia group		y	
81650	Parametriocnemus sp		y	y
82070	Synorthocladius semivirens		y	
84315	Phaenopsectra flavipes		y	
84470	Polypedilum (P.) illinoense		y	
85625	Rheotanytarsus sp		y	
93200	Hydrobiidae		y	
96002	Helisoma anceps anceps		y	
98200	Pisidium sp		y	
98600	Sphaerium sp		y	
<b>Totals:</b>		<b>2</b>	<b>21</b>	<b>1</b>

**Willey Creek 2013c**  
**River Mile: 1.00**  
**Drainage Area: 4.0 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<b>Number</b>		Coldwater <u>Taxa</u>
		<b>HD</b>	<b>Qual</b>	
01801	Turbellaria	9	+	
03600	Oligochaeta		+	
04960	Erpobdella sp (=Mooreobdella)		+	
05800	Caecidotea sp	1		
06700	Crangonyx sp		+	
11120	Baetis flavistriga	3	+	
11130	Baetis intercalaris	2		
21200	Calopteryx sp		+	
22600	Enallagma sp		+	
22700	Ischnura sp		+	
23600	Aeshna sp		+	
23909	Boyeria vinosa		+	
27000	Corduliidae or Libellulidae		+	
50301	Chimarra aterrima		+	
50804	Lype diversa	3		
52200	Cheumatopsyche sp		+	
52431	Ceratopsyche morosa	2		
52450	Ceratopsyche sparna	5	+	
52530	Hydropsyche depravata group		+	
68601	Ancyronyx variegata	3	+	
68901	Macronychus glabratus	1		
69400	Stenelmis sp	2	+	
70600	Antocha sp	1		
71900	Tipula sp		+	
74100	Simulium sp	2	+	
78450	Nilotanytus fimbriatus	2		
79100	Thienemannimyia group	31	+	
79400	Zavrelimyia sp		+	y
80310	Cardiocladius obscurus		+	
80370	Corynoneura lobata	18		
80430	Cricotopus (C.) tremulus group	9		
80470	Cricotopus (C.) or Orthocladius (O.) sp		+	
81650	Parametriocnemus sp	22	+	y
82100	Thienemanniella sp	15		
83040	Dicrotendipes neomodestus	79		
83840	Microtendipes pedellus group	22		
84210	Paratendipes albimanus or P. duplicatus	9	+	
84300	Phaenopsectra obediens group		+	
84450	Polypedilum (Uresipedilum) flavum		+	
85500	Paratanytarsus sp	110		
85625	Rheotanytarsus sp	26		
85821	Tanytarsus glabrescens group sp 7	115		
87540	Hemerodromia sp	1		

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2

Number of Organisms	493
ICI Score	40
Number of Quantitative Taxa	25
Number of Qualitative Taxa	27
Number of Qualitative EPT Taxa	5
Total Number of Taxa	43