

## ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

Invertebrate community results for selected sites in the Lake Erie - Lake St. Clair Basin -- Continued

(PHYLUM or CLASS) ORDER  (SUBORDER) FAMILY  (subfamily or tribe) Genus species	04161820 Clinton River at Sterling Heights, MI 08/18/98		04193500 Maumee River at Waterville, OH 09/03/98		04211820 Grand River at Harpersfield, OH 08/10/98	
	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q
<b>COLEOPTERA</b>						
ELMIDAE	14					
<i>Ancyronyx variegata</i>	42	+				
<i>Dubiraphia minima</i>						+
<i>D. vittata</i>						+
<i>Macronychus glabratus</i>	14	+				+
<i>Stenelmis sp.</i>	28		1033	+	3175	+
<i>S. crenata</i>	56				118	+
<i>S. grossa</i>				+	118	+
<i>S. sandersoni</i>					353	+
GYRINIDAE						
<i>Dineutus sp.</i>						+
<i>D. discolor</i>						+
HYDROPHILIDAE						
<i>Berosus sp.</i>						+
PSEPHENIDAE						
<i>Psephenus herricki</i>						+
STAPHYLINIDAE	14					
<b>DIPTERA</b>					118	
(BRACHYCERA)						
ATHERICIDAE						
<i>Atherix sp.</i>	1	+				+
EMPIDIDAE						
<i>Chelifera/Hemerodromia sp.</i>	42				118	
<i>Hemerodromia sp.</i>	28					
(NEMATOCERA)						
CHIRONOMIDAE	14	+		+		+
<i>Ablabesmyia sp.</i>				+		+
<i>Brillia sp.</i>	28	+				
<i>Cardiocladius sp.</i>					470	
(Chironominae)	14				235	
(Chironomini)	28			+	118	

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	(SUBORDER) FAMILY					
(subfamily or tribe) Genus species	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q
<i>Chironomus sp.</i>		+				+
<i>Cricotopus bicinctus group</i>	14					
<i>C. /Orthocladius sp.</i>	56	+		+	470	
<i>Cryptochironomus sp.</i>		+		+		+
<i>Dicrotendipes sp.</i>	14			+		
<i>Glyptotendipes sp.</i>				+		+
<i>Labrundinia sp.</i>				+		
<i>Microtendipes sp.</i>					235	
( <i>Orthoclaadiinae</i> )	42				353	
<i>Parachironomus sp.</i>						+
<i>Polypedilum sp.</i>	182	+		+	8350	+
<i>Procladius sp.</i>		+				+
<i>Pseudochironomus sp.</i>					118	+
<i>Rheocricotopus sp.</i>	140	+				
<i>Rheotanytarsus sp.</i>	196	+	76	+	2587	
<i>Stenochironomus sp.</i>	28	+				+
<i>Synorthocladius sp.</i>					118	
( <i>Tanypodinae</i> )			25			+
( <i>Tanytarsini</i> )						+
<i>Tanytarsus sp.</i>					588	+
<i>Thienemanniella sp.</i>			25			
<i>Tienemannimyia group sp.</i>	56	+	50	+	470	+
<i>Tvetenia sp.</i>	70				3058	+
SIMULIIDAE	42		227	+	2117	+
<i>Simulium sp.</i>			126	+	118	+
TIPULIDAE						
<i>Antocha sp.</i>	14	+				
<i>Hexatoma sp.</i>						+
<i>Limonia sp.</i>	14					
<b>EPHEMEROPTERA</b>					588	
BAETIDAE	14		1235		706	+
<i>Acentrella turbida</i>					118	

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<i>(subfamily or tribe)</i> <i>Genus species</i>	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q
<i>Baetis sp.</i>	70				118	
<i>B. intercalaris</i>	70	+	2898	+	1294	+
<i>Callibaetis sp.</i>						+
<i>Labiobaetis dardanus</i>				+		
CAENIDAE						
<i>Caenis sp.</i>			50		353	
<i>C. diminuta group</i>						+
<i>C. hilaris</i>			25			
<i>C. latipennis</i>					235	+
EPHEMERELLIDAE						
<i>Serratella deficiens</i>					941	+
EPHEMERIDAE						
<i>Ephemera sp.</i>						+
HEPTAGENIIDAE			731		470	
<i>Leucrocuta sp.</i>			25	+		
<i>Stenacron sp.</i>			76			
<i>S. candidum</i>				+		
<i>S. interpunctatum</i>	14	+	101			+
<i>Stenonema sp.</i>	42		25	+	118	+
<i>S. mexicanum</i>				+		
<i>S. pulchellum</i>						+
<i>S. terminatum</i>				+		+
ISONYCHIIDAE						
<i>Isonychia sp.</i>			227	+		+
LEPTOHYPHIDAE						
<i>Tricorythodes sp.</i>				+	588	+
HEMIPTERA						
GERRIDAE						
<i>Aquarius remigis</i>		+				
<i>Metrobates hesperius</i>				+		
<i>Trepobates sp.</i>						+
NAUCORIDAE						

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<i>(subfamily or tribe)</i> <i>Genus species</i>	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q
<i>Pelocoris femoratus</i>				+		
PLEIDAE						
<i>Neoplea sp.</i>		+				
VELIIDAE						
<i>Rhagovelia sp.</i>				+		
<i>R. obesa</i>						+
<i>R. oriander</i>		+		+		
LEPIDOPTERA						
PYRALIDAE						
<i>Petrophila sp.</i>			25			
MEGALOPTERA						
CORYDALIDAE						
<i>Corydalus cornutus</i>					5	+
<i>Nigronia serricornis</i>		+				
SIALIDAE						
<i>Sialis sp.</i>						+
ODONATA						
AESHNIDAE						
<i>Boyeria vinosa</i>		+				
CALOPTERYGIDAE						
<i>Calopteryx sp.</i>		+				
<i>C. maculata</i>		+				
<i>Hetaerina sp.</i>				+		
<i>H. americana</i>		+		+		
COENAGRIONIDAE				+		+
<i>Argia translata</i>						+
GOMPHIDAE						+
MACROMIIDAE						
<i>Macromia sp.</i>						+
PLECOPTERA					235	
PERLIDAE						
<i>Acroneuria sp.</i>						+

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<b>TRICHOPTERA</b>						
HELICOPSYCHIDAE						
<i>Helicopsyche</i> sp.						+
HYDROPSYCHIDAE	490		1008		8115	
<i>Ceratopsyche</i> sp.	14				589	+
<i>C. alhedra / sparna</i>	28					
<i>C. bronta</i>		+				+
<i>C. sparna</i>		+				
<i>Cheumatopsyche</i> sp.			908	+	6115	
<i>Hydropsyche betteni</i>	42					
<i>H. depravata</i> group	126	+				
<i>H. dicantha</i>					2352	+
<i>H. frisoni</i>			25	+		
<i>H. hageni</i>				+		
<i>Macrostemum</i> sp.					1530	+
<i>Potamyia flava</i>			101	+		
HYDROPTILIDAE					118	
<i>Hydroptila grandiosa</i>					118	
<i>H. spatulata</i>					118	
LEPTOCERIDAE						
<i>Mystacides sepulchralis</i>						+
<i>Nectopsyche diarina</i>		+				
<i>Oecetis avara</i>					118	
PHILOPOTAMIDAE					118	
<i>Chimarra</i> sp.					4940	+
POLYCENTROPODIDAE			25			
<i>Polycentropus</i> sp.		+		+		
<b>ACARI</b>						
(HYDRACHNIDIA)	252					
<b>AMPHIPODA</b>						
CRANGONYCTIDAE						
<i>Crangonyx</i> sp.				+		

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<b>GAMMARIDAE</b>						
<i>Gammarus sp.</i>	434	+				
<b>HYALELLIDAE</b>						
<i>Hyalella azteca</i>				+		+
<b>(HIRUDINEA)</b>						
<b>ARHYNCHOBDELLIDA</b>						
<b>ERPOBDELLIDAE</b>	14	+	27			
<b>(BIVALVIA)</b>			50		823	
<b>UNIONOIDA</b>						
<b>UNIONIDAE</b>						
<i>Obliquaria reflexa</i>				+		
<i>Truncilla truncata</i>			2	+		
<b>VENEROIDA</b>						
<b>DREISSENIDAE</b>						
<i>Dreissena sp.</i>		+				
<b>SPHAERIIDAE</b>				+	823	+
<b>DECAPODA</b>						
<b>CAMBARIDAE</b>		+		+	3	+
<i>Cambarus sp.</i>	1					
<i>Orconectes sp.</i>		+		+		+
<i>O. rusticus</i>			15			
<b>ISOPODA</b>						
<b>ASELLIDAE</b>						
<i>Caecidotea sp.</i>	56	+		+		
<b>(GASTROPODA)</b>						
<b>LYMNOPHILA</b>						
<b>ANCYLIDAE</b>	28	+		+		+
<b>LYMNAEIDAE</b>						
<i>Pseudosuccinea columella</i>				+		
<b>PHYSIDAE</b>						
<i>Physella sp.</i>		+				+
<b>MESOGASTROPODA</b>						

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	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q	1.25 m <sup>2</sup>	Q
PLEUROCERIDAE						+
<i>Elimia sp.</i>				+	236	+
<i>Leptoxis sp.</i>						+
<i>Pleurocera sp.</i>						+
VIVIPARIDAE						+
(NEMATODA)	14					
(OLIGOCHAETA)						
TUBIFICIDAE	126	+	126			+
<i>Branchiura sowerbyi</i>				+	118	+
(TURBELLARIA)					353	+