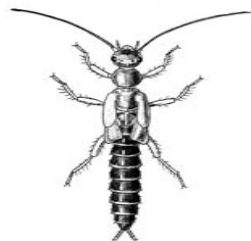


Adopt-a-Stream

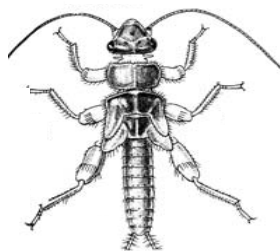
Winter Stonefly Search 2011 Data



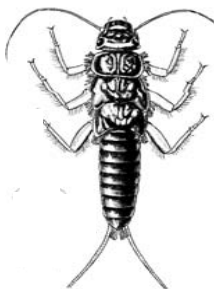
Protecting the river since 1965



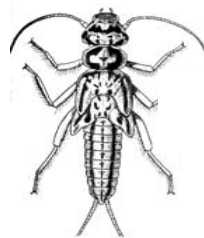
Capniidae: small winter stonefly



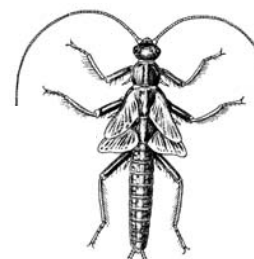
Nemouridae: broadback stonefly



Perlidae: Common stonefly



Perlodidae: Patterned stonefly



Taeniopterygidae: broadback winter stonefly

"X" indicates this family was found in the 2011 Stonefly Search

Abundance rating was subjectively assigned by the volunteers at the site (none, rare, some, frequent, abundant)

Sites highlighted in gray were not sampled this year

SITE LOCATION	SITE #	2011 SAMPLES					ALL YEARS										
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count				
Arms Creek: Walsh Road	1	x				x	Some	2	1996	10	1.8	1	3				
Bancroft-Noles Drain: Lebo Park	89	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.							2009	2	0.0	0	0				
Boyden Creek: Delhi	2	x			x		Frequent	2	1995	11	1.4	1	2				
Boyden Creek: Golf Course	3	x					Some	1	1996	13	1.5	1	3				
Boyden Creek: Huron River Drive	4	Stoneflies have never been found here, although the bug community is pretty good the rest of the year.						None	0	1995	11	0.0	0	0			
Chilson Creek: Brighton Road	45	Stoneflies have only been found here twice (2007, 2011).					x	Rare	1	1998	9	0.1	0	1			
Chilson Creek: Chilson Road	5	Perlodids and Taeniops are found here consistently.							x	x	Rare	2	1997	12	1.6	1	2
Davis Creek: 11 Mile Road	81	Stoneflies have never been found here in January samples.											2004	6	0.0	0	0
Davis Creek: Doane Road	6	Taenops are always found here; Capnids and Perlodids are found in about 50% of the samples.								x	Some	1	1996	13	2.1	1	3

SITE LOCATION	SITE #	2011 SAMPLES					ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count
Davis Creek: Pontiac Trail	7	Perlodids are almost always found here.							1996	13	1.2	0	3
Fleming Creek: Botanical Gardens	9	Like all of the Fleming Creek sites, Capnids are consistently found here; this is the only site of the 5 on Fleming Creek at which Taeniops are found.					x						
						x	Abundant			2			
Fleming Creek: Galpin	84	Like all of the Fleming Creek sites, Capnids are consistently found here.					x						
							Abundant			1			
Fleming Creek: Geddes Road	11	Like all of the Fleming Creek sites, Capnids are consistently found here; 2011 marks the first time Perlodids were ever found in January.					x						
										x	Frequent	2	
Fleming Creek: Radrick Farms	12	Like all of the Fleming Creek sites, Capnids are consistently found here.					x						
							Abundant			1			
Fleming Creek: Warren Road	13	Like all of the Fleming Creek sites, Capnids are consistently found here.					x						
							Some			1			
Greenoak Creek: Rushton Road	8	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.											
Hay Creek: M-36	15	Capnids and Taeniops are found here consistently, Perlodids have been found here in recent years.					x						
										x	Frequent	3	
Honey Creek: Darwin	16	Stoneflies are found here consistently.					x						
										x	Abundant	2	
Honey Creek: Jackson Road	18	Capnids are found here about in about 50% of the samples historically; but they haven't been seen since 2008.											
							None			0			
Honey Creek: Pratt Road	19	Stoneflies haven't been found since 2003; prior to this Capnids were found consistently.											
							None			0			
Honey Creek: Wagner Road	20	Capnids are found here consistently.					x						
							Some			1			
Horseshoe Creek:	21	Taeniops are found here consistently.											
										x	Some	1	
Hummocky Lick: M-36	63	Capnids are found here sporadically (3 samples since 2001).											
Huron Creek: Near the mouth	22	Capnids and Taeniops have both been found here in every sample since sampling began in 1995.					x						
										x	Frequent	2	

SITE LOCATION	SITE #	2011 SAMPLES					ALL YEARS								
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count		
Huron River: Bell Road	62	Taeniops are always found here; Capnids are found occasionally. x					Rare	1	2001	9	1.4	1	2		
Huron River: Commerce Road	47	Perlodids are always found here; 2011 marks the first sample with Taeniops. x					x	Some	2	1998	9	1.0	0	2	
Huron River: Cross Street	24	Since 2002, Capnids and Taeniops are found here sporadically. Prior to 2002, no winter stoneflies were found							1997	10	1.0	0	2		
Huron River: Flat Rock	23	Capnids and Taeniops are found here consistently. x					x	Some	2	2001	8	1.8	1	2	
Huron River: Island Park	61	Capnids and Taeniops are always found here; Perlodids have been found in 2 samples (2008, 2011). x					x	x	Frequent	3	2001	9	2.2	2	3
Huron River: Proud Lake Rec Area	64	Stoneflies have only been found here once- in 2003.							2001	8	0.1	0	1		
Huron River: US-23 (Liv. Co)	51	Taeniops are almost always found here.							2000	9	0.8	0	1		
Huron River: White Lake Road	25	This is the best site that HRWC monitors during the spring and summer, but winter stonefly abundances are only modest. Perlodids and Taeniops are found here consistently. x					x	Some	2	1995	10	1.7	1	2	
Huron River: Zeeb Road	26	Capnids and Taeniops are found here consistently. x					x	Frequent	2	2000	10	2.0	1	3	
Malletts Creek: Chalmers	27	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.							None	0	1996	11	0.0	0	0
Malletts Creek: I-94	28	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.									1995	11	0.0	0	0
Malletts Creek: Main Street	56	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.							None	0	2000	9	0.0	0	0
Malletts Creek: Scheffler	29	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.							None	0	1997	9	0.0	0	0

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		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count
Mann: VanAmberg Road	30	This is the best stonefly site that we monitor. Four families have been found here for 5 years in a row starting in 2007.					Abundant	4	1996	11	2.5	1	4
Mill Creek: Fletcher Road	31	This is the first time stoneflies have not been found during the Stonefly Search.					None	0	1996	11	1.5	0	3
Mill Creek: Ivey Road	32	Stoneflies have been found here in every January sample since 1996- until this year.					None	0	1995	12	1.3	0	2
Mill Creek: Jackson Road	33	Capnids are always found here; Taeniops are often found here.					Some	1	1997	10	1.7	1	2
Mill Creek: Klinger Road	57	Capnids and Taeniops are found here often; occasionally no stoneflies are found at all.							2001	8	1.3	0	2
Mill Creek: Letts at M-52	34	Capnids and Taeniops are found here consistently.					Some	2	1995	14	1.4	0	2
Mill Creek: Manchester Road	55	Taeniops are almost always found here.					Rare	1	2000	10	0.9	0	2
Mill Creek: Shield Road	80	Capnids and Taeniops are always found here.					Abundant	2	2003	7	1.9	1	2
Mill Creek: Warrior Park	79	Capnids and Taeniops are always found here.					Frequent	2	2003	8	2.0	1	2
Millers Creek: Glazier Way	35	Stoneflies have only been found here once- in 2002					None	0	1997	11	0.1	0	2
Millers Creek: Green Road	75	Capnids and Nemourids are often found here. Nemourids aren't found in at any of the other sites during the Stonefly Search. This site is unusual; it is a tiny trickle of water seeping out of the ground.							2003	7	1.1	0	2
Millers Creek: Plymouth Road	72	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.					None	0	2003	8	0.0	0	0
Norton Creek: West Maple Road	65	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.					None	0	2001	8	0.0	0	0
Pettibone Creek: Commerce Road	67	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.					None	0	2002	7	0.0	0	0

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		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count
Pettibone Creek: Livingston Road	68	Stoneflies have never been found here in January samples.					2002	6	0.0	0	0
Port Creek: Armstrong Road	60	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.					2000	6	0.0	0	0
Portage Creek: Dexter-Townhall	37	Taeniops are always found here; 2011 marks the first sample with Capnids since 2004 x					1998	12	1.8	1	3
Portage Creek: Unadilla	58	Stoneflies have only been found here once- in 2000.					2000	8	0.1	0	1
Portage Creek: Williamsville	92	2011 was the first time this site was sampled None					2011.0	1	0.0	0	0
S Branch Huron River: Silver Lake	49	Taeniops are always found here; Perlids are found here in about 50% of samples. This site and Mann Creek are the sites that have Perlids in January. x					1998	9	1.6	1	2
South Ore Creek: Bauer Road	52	Taeniops are almost always found here. x					1999	10	0.8	0	2
South Ore Creek: Hamburg Road	40	Taeniops are always found here; Capnids are found occasionally. x					1995	13	1.3	1	2
South Ore Creek: Lake Ridge	50	Stoneflies have never been found in January samples; the insect community is only mediocre during the rest of the year.					2000	8	0.0	0	0
Swift Run	41	Stoneflies have only been found here once- in 1998. None					1995	11	0.2	0	2
Traver Creek: Broadway	42	Capnids are found here about every other year. None					1995	11	0.6	0	1
Traver Creek: Dhu Varren	43	Capnids were found here in every sample from 1997-2008. No stoneflies have been found in the last 2 samples (2009, 2011). None					1997	11	0.9	0	2
Walker Creek: 8 Mile Road	82	Stoneflies have never been found here in January samples. None					2004	6	0.0	0	0
Willow Run	90	2011 was the first time this site was sampled. None					2011	1	0.0	0	0
Woodruff Creek: Buno Road	46	Stoneflies are only found here in about 1 of every 3 samples. None					1995	8	0.4	0	1

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		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count	
Woodruff Creek: Maxfield Road	44	Stoneflies have been found here only twice since 1997					None	0	1997	11	0.2	0	1	
Woods Creek: L Huron Metropark	14	Capnids, Perlodids, and Taeniops are typically found here; the 2011 sample had a low diversity compared to the average.					x	Some	1	1997	11	1.7	1	3
Woods Creek: Martinsville Road	87	Stoneflies have never been found here in January samples.							2009	2	0.0	0	0	
Woods Creek: Renton Road	88	Stoneflies have never been found here in January samples.							2009	3	0.0	0	0	