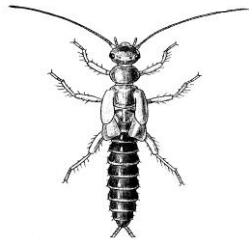


Huron River Watershed Council

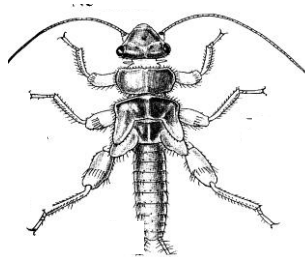
Winter Stonefly Search 2012 Data



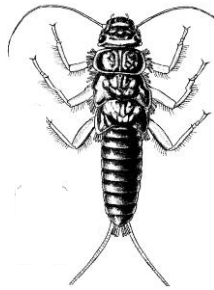
Protecting the river since 1965



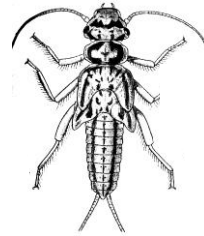
Capniidae: small winter stonefly



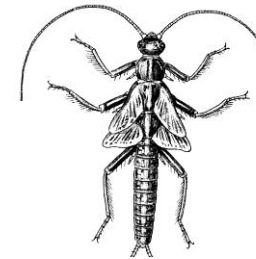
Nemouridae: broadback stonefly



Perlidae: Common stonefly



Perlodidae: Patterned stonefly



Taeniopterygidae: broadback winter stonefly

"X" indicates this family was found in the 2012 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 #	2012 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	Rare	2	1996	11	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 Rd	2	Capnids are found here consistently (but not this year); other families are occasionally found.								1995	12	1.3	1	2	
Boyden Creek: Golf Course	3					x	Rare	1							
Boyden Creek: Huron River Drive	4	Stoneflies have never been found here, although the bug community is pretty good the rest of the year.								1996	13	1.5	1	3	
Chilson Creek: Brighton Road	45	Stoneflies have only been found here twice (2007, 2011).								1995	11	0.0	0	0	
Chilson Creek: Chilson Road	5					x		x	Abundant	2	1997	13	1.7	1	2
Davis Creek: 11 Mile Road	81	Stoneflies have never been found here in January samples.								2004	6	0.0	0	0	

SITE LOCATION	SITE #	2012 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: Doane Road	6	Taeniops are always found here; Capnids and Perlodids are found in about 50% of the samples.							1996	14	2.0	1	3
						x	Rare						
Davis Creek: Pontiac Trail	7	Stoneflies are almost always found here. This is only the 2nd time that stoneflies were not found (2004 and 2012).							1996	14	1.1	0	3
							None						
Davis Creek: Silver Lake Rd	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.							1998	11	1.6	1	2
				x		x	Abundant						
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 (though not this year).							1995	12	1.6	1	2
						x	Abundant						
Fleming Creek: Galpin Rd	84	Like all of the Fleming Creek sites, Capnids are consistently found here.							2005	6	1.0	1	1
Fleming Creek: Geddes Road	11	Like all of the Fleming Creek sites, Capnids are consistently found here; 2011 marked the first time Perlodids were ever found in January, and they were found again this year.							1995	13	1.2	1	2
						x							
							Abundant						
Fleming Creek: Radrick Farms	12	Like all of the Fleming Creek sites, Capnids are consistently found here.							1997	9	1.1	1	2
Fleming Creek: Warren Road	13	Like all of the Fleming Creek sites, Capnids are consistently found here.							1996	13	1.0	1	1
						x	Some						
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.							1998	11	0.0	0	0
							None						
Hay Creek: M-36	15	Capnids and Taeniops are found here consistently, Perlodids have been found here in recent years.							1998	11	2.2	1	3
						x							
							Abundant						
Honey Creek: Darwin Rd	16	Stoneflies are found here consistently.							1998	12	1.8	1	2
						x	Some						
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.							2000	12	0.5	0	1
							None						

SITE LOCATION	SITE #	2012 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
Honey Creek: Pratt Road	19	Stoneflies haven't been found since 2003; prior to this Capnids were found consistently.							1995	12	0.6	0	2
Honey Creek: Wagner Road	20	x				Frequent	1	1995	12	1.7	1	2	
Horseshoe Creek: Barker Road	98	This site was sampled for the first time this year; no stoneflies were found.					None	0	2012	1	0.0	0	0
Horseshoe Creek: Merrill Road	21	Taeniops are found here consistently; Capnids are found about 50% of the time.							1996	12	1.3	1	2
		x			x	Rare	2						
Hummocky Lick: M-36	63	Capnids are found here about 50% of the time.							2001	10	0.5	0	2
		x				Some	1						
Huron Creek: Dexter-Pinckney	22	Capnids and Taeniops have both been found here in every sample since sampling began in 1995; this is the first year Perlodids were found.							1995	11	2.1	2	3
		x		x	x	Abundant	3						
Huron River: Bell Road	62	Taeniops are always found here; Capnids are found occasionally.							2001	10	1.4	1	2
					x	Abundant	1						
Huron River: Commerce Road	47	Perlodids are always found here; 2011 marked the first sample with Taeniops.							1998	10	1.0	0	2
				x		Rare	1						
Huron River: Cross Street	24	Since 2002, Capnids and Taeniops are found here sporadically. Prior to 2002, no winter stoneflies were found. Unfortunately, no stoneflies were found this year.							1997	10	1.0	0	2
						None	0						
Huron River: Flat Rock	23	Capnids and Taeniops are found here consistently.							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).							2001	10	2.2	2	3
		x			x	Rare	2						
Huron River: Proud Lake Rec	64	Stoneflies have only been found here once- in 2003.							2001	9	0.1	0	1
						None	0						
Huron River: US-23 (Liv. Co)	51	Taeniops are almost always found here (but not this year).							2000	10	0.7	0	1
						None	0						
Huron River: White Lake Road	25	This is the best site that HRWC monitors during the spring and fall, but winter stonefly abundances are only modest. Perlodids and Taeniops are found here consistently.							1995	11	1.7	1	2
			x		x	Some	2						

SITE LOCATION	SITE #	2012 SAMPLES					ALL YEARS								
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniop- terygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count		
Huron River: Zeeb Road	26	Capnids and Taeniops are found here consistently, but Capnids were not found this year. High water may have degraded some of stonefly habitat.					x	Abundant	1	2000	11	1.9	1	3	
Livermore Creek: Doyle Road	27	This site was sampled for the first time this year; no stoneflies were found.						None	0	2012	1	0.0	0	0	
Malletts Creek: Chalmers Rd	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	12	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.								2000	9	0.0	0	0	
Malletts Creek: Scheffler Park	29	Stoneflies have never been found here in January samples; the insect community is poor the rest of the year as well.								1997	9	0.0	0	0	
Mann: VanAmberg Road	30	This is the best stonefly site that we monitor. Four families have been found here for 6 years in a row starting in 2007.					x	x	x	x	Frequent	4			
Mill Creek: Fletcher Road	31	This is the first time stoneflies have not been found during the Stonefly Search.								1996	11	1.5	0	3	
Mill Creek: Ivey Road	32	Stoneflies are found here consistently.						x	Frequent	1995	13	1.3	0	2	
Mill Creek: Jackson Road	33	Capnids are always found here; Taeniops are often found here.								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 (though Capnids were not found this year.)						x	Some	1995	15	1.4	0	2	

SITE LOCATION	SITE #	2012 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
Mill Creek: Manchester Road	55	Taeniops are almost always found here.							2000	10	0.9	0	2
Mill Creek: Parker Road	96	This site was sampled for the first time this year; no stoneflies were found.					None	0	2012	1	0.0	0	0
Mill Creek: Shield Road	80	Capnids and Taeniops are always found here.					x		2003	9	1.9	1	2
Mill Creek: Warrior Park	79	Capnids and Taeniops are always found here.					x		2003	9	1.9	1	2
Millers Creek: Glazier Way	35	Stoneflies have only been found here once- in 2002							1997	13	0.1	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	9	0.0	0	0
Narrow Gauge Creek: Green Rd	75	Capnids and Nemourids are often found here. Nemourids are rare and only found at one 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
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	9	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.							2002	7	0.0	0	0
Pettibone Creek: Livingston Road	68	This is the first time stoneflies have been found at this site. Nemourids are rare in the Huron. The two places Nemourids have been found in the past are streams with plenty of groundwater input.					x		2002	7	0.1	0	1
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 Rd	37	2012 marks the first sample with three families 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

SITE LOCATION	SITE #	2012 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			
Portage Creek: Williamsville	92	This site has been sampled twice; no stoneflies yet.					None	0	2011	2	0.0	0	0			
South Ore Creek: Bauer Road	52	Taeniops are almost always found here.					x	Rare	1	1999	11	0.8	0	2		
South Ore Creek: Hamburg Road	40	Taeniops are always found here; Capnids are found occasionally.					x	Frequent	1	1995	14	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	9	0.0	0	0		
Swift Run: Shetland Rd	41	Stoneflies have only been found here once- in 1998.						None	0	1995	12	0.2	0	2		
Traver Creek: Broadway	42	Capnids are found here about every other year.						None	0	1995	12	0.6	0	1		
Traver Creek: Dhu Varren Rd	43	Capnids were found here in every sample from 1997-2008. Stoneflies were not found for 2 samples (2009, 2011), but were found again this year, although the population still seems low.					x	Rare	1	1997	12	0.9	0	2		
Walker Creek: 8 Mile Road	82	Stoneflies have never been found here in January samples.						None	0	2004	6	0.0	0	0		
Willow Run: Van Buren Park	90	2011 was the first time this site was sampled, no stoneflies were found								2011	1	0.0	0	0		
Woodruff Creek: Buno Road	46	Stoneflies are only found here in about 1 of every 3 samples; they were found this year.					x	Rare	1	1995	10	0.4	0	1		
Woodruff Creek: Maxfield Road	44	Stoneflies have been found here only twice since 1997.								1997	11	0.2	0	1		
Woods Creek: L Huron Metropark	14	Capnids, Perlodids, and Taeniops are typically found here.					x		x	Frequent	2	1997	11	1.8	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	This is the first time that stoneflies were found at this site!					x	Rare	1	2009	4	0.3	0	1		