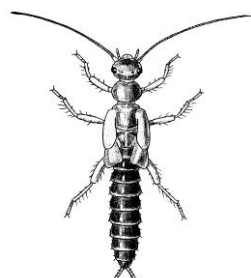


Huron River Watershed Council

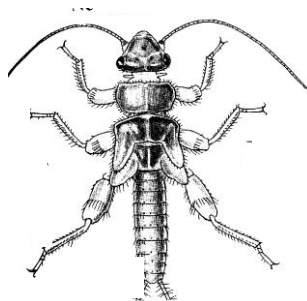
Winter Stonefly Search 2016 Data



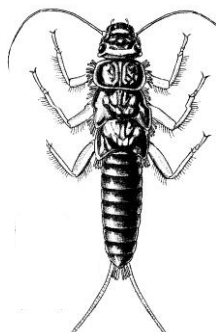
Protecting the river since 1965



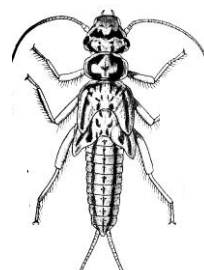
Capniidae:
slender winter
stonefly



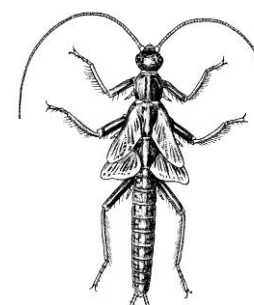
Nemouridae:
broadback
stonefly



Perlidae:
Common stonefly



Perlodidae:
Patterned stonefly



Taeniopterygidae:
broadback winter
stonefly

"X" indicates this family was found in the 2016 Stonefly Search.

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

Sites highlighted in gray were not sampled this year.

SITE LOCATION	SITE #	2016 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	Capnids and Taeniops are normally found here consistently. This is the first time they have never been found.						None	0	1996	13	1.6	0	3	
Bancroft-Noles Drain: Lebo Park	89	Stoneflies have not 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; other families are occasionally found. This is the first time they have not been found.						None	0	1995	14	1.2	0	2	
Boyden Creek: Golf Course	3	Capnids are always found here; Perlodids and Taeniops are found occasionally.						x	Some	1	1996	14	1.4	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	12	0.0	0	0	
Chilson Creek: Brighton Road	45	Stoneflies have only been found here twice (2007, 2011).								1998	11	0.2	0	1	

SITE LOCATION	SITE #	2016 SAMPLES						ALL YEARS				
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count
Chilson Creek: Chilson Road	5	Perlodids and Taeniops are found here consistently. Capnids were found here once (2013). x Rare 1						1997	16	1.8	1	3
Davis Creek: 11 Mile Road	81	Stoneflies have never been found here in January samples.						2004	7	0.0	0	0
Davis Creek: Doane Road	6	Taeniops are always found here; Capnids and Perlodids are found in about 50% of the samples.						1996	15	1.9	1	3
Davis Creek: Pontiac Trail	7	Stoneflies are almost always found here. Only twice have stoneflies not been found (2004 and 2012). x Rare 1						1996	15	1.1	0	3
Davis Creek: Silver Lake Rd	49	Taeniops are always found here; Perlids are found here in about 70% of samples. This site and Mann Creek are the sites that have Perlids in January. x x Frequent 2						1998	14	1.7	1	2
Fleming Creek: Botanical Gardens	9	Like all of the Fleming Creek sites, Capnids are consistently found here; also this is the only site of the 5 on Fleming Creek at which Taeniops are found (though not this year) x Frequent 1						1995	14	1.6	1	2
Fleming Creek: Galpin Rd	84	Like all of the Fleming Creek sites, Capnids are consistently found here. x Abundant 1						2005	9	1.1	1	2
Fleming Creek: Geddes Road	11	Like all of the Fleming Creek sites, Capnids are consistently found here, and Perlodids are often found. x Abundant 1						1995	15	1.1	1	2
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. x Frequent 1						1996	16	1.0	1	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.						1998	11	0.0	0	0
Hay Creek: M-36	15	Capnids and Taeniops are found here consistently, Perlodids have been found here in recent years.						1998	12	2.1	1	3

SITE LOCATION	SITE #	2016 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		
Honey Creek: Darwin Rd	16	Capnids and Taeniops are found here consistently. x						x	Frequent	2	1998	14	1.8	1	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.									2000	13	0.5	0	1
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	Capnids were found here consistently and Taeniops were often found. However, this is the second time that stoneflies have not been found; the first time was last year.							None	0	1995	16	1.2	0	2
Horseshoe Creek: Barker Road	98	This site was sampled for the first time in 2012; no stoneflies were found.									2012	1	0.0	0	0
Horseshoe Creek: Brookside Drive	99	This site was sampled for the first time in 2015; no stoneflies were found.									2015	1	0.0	0	0
Horseshoe Creek: Merrill Road	21	Taeniops are found here consistently; Capnids are found about 50% of the time.						x	Rare	1	1996	15	1.4	1	2
Hummocky Lick: M-36	63	Capnids are found here about 50% of the time.									2001	11	0.5	0	2
Huron Creek: Dexter-Pinckney	22	Capnids and Taeniops have both been found here in every sample since sampling began in 1995.						x		2	1995	12	2.1	2	3
Huron River: Bell Road	62	Taeniops are always found here; Capnids are found occasionally. This is the first time stoneflies were not found here.							None	0	2001	11	1.3	0	2
Huron River: Commerce Road	47	Perlodids are always found here; although they are rare and difficult to find.									1998	11	1.0	0	2

SITE LOCATION	SITE #	2016 SAMPLES						ALL YEARS				
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniop- terygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count
Huron River: Cross Street	24	Since 2002, Capnids and Taeniops are found here sporadically. Prior to 2002, no winter stoneflies were found. They have not been found since 2013.						1997	12	0.8	0	2
Huron River: Flat Rock	23	Capnids and Taeniops are found here consistently. Only Taeniops this year!						2001	11	1.7	1	3
Huron River: Island Park	61	Taeniops are always found here; Perlodids have been found in 3 samples (2008, 2011, 2013). Capniids were found historically, but have not been found for 2 samples in a row now (2013, 2015).						2001	12	2.1	1	3
Huron River: Proud Lake Rec	64	Stoneflies have only been found here once- in 2003.						2001	10	0.1	0	1
Huron River: US-23 (Liv. Co)	51	Taeniops are almost always found here.						2000	12	0.8	0	1
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. This is the first time nothing has been found.						1995	13	1.6	0	2
Huron River: Zeeb Road	26	Capnids and Taeniops are found here consistently, but they were not found this year. Instead, Perlodids were found.						2000	14	1.8	1	3
Livermore Creek: Doyle Road	93	This site was sampled for the first time in 2012; no stoneflies were found.						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.						1996	14	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

SITE LOCATION	SITE #	2016 SAMPLES						ALL YEARS				
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count
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 9 years in a row (2007-2016).						1996	14	2.9	1	4
		x		x	x	x	Abundant	4				
Mill Creek: Fletcher Road	31	Capnids and Taeniops are found here often; though occasionally no stoneflies are found at all.						1996	13	1.6	0	3
Mill Creek: Ivey Road	32	Stoneflies are found here consistently. None were found this year.						1995	14	1.2	0	2
							None	0				
Mill Creek: Jackson Road	33	Capnids are always found here; Taeniops are often found here.						1997	12	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.						1995	16	1.4	0	2
		x				x	Some	2				
Mill Creek: Manchester Road	55	Taeniops are almost always found here.						2000	12	0.8	0	2
						x	Some	1				
Mill Creek: Parker Road	96	This site has been sampled twice; no stoneflies were found.						2012	2	0.0	0	0
							None	0				
Mill Creek: Shield Road	80	Capnids and Taeniops are always found here.						2003	11	1.8	1	2
		x				x	Abundant	1				
Mill Creek: Mill Creek Park	79	Capnids and Taeniops are always found here.						2003	12	1.9	1	2
		x				x	Abundant	2				
Millers Creek: Glazier Way	35	Stoneflies have only been found here once- in 2002.						1997	15	0.1	0	2

SITE LOCATION	SITE #	2016 SAMPLES						ALL YEARS				
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count
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.						2003	10	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. In 2016 the trickle was frozen and couldn't be sampled.						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.						2001	10	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	8	0.0	0	0
Pettibone Creek: Livingston Road	68	In 2012, we found a Nemourid, and it was the first time stoneflies had been found at this site. Nemourids are rare in the Huron. The two places Nemourids have been found in the past were both streams with plenty of groundwater input.						2002	8	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	8	0.0	0	0
Portage Creek: Dexter-Townhall Rd	37	Taeniopterygids are found here consistently; Capniids and Perlodids are found here occasionally.						1998	15	1.9	1	3
Portage Creek: Rockwell Road	94	This site has been sampled twice; no stoneflies found.						2013	2	0.0	0	0
Portage Creek: Stockbridge	91	This site has been sampled once; no stoneflies found.						2013	1	0.0	0	0
Portage Creek: Unadilla	58	Stoneflies have only been found here once- in 2000.						2000	10	0.1	0	1
Portage Creek: Williamsville	92	This site has been sampled twice; no stoneflies yet.						2011	2	0.0	0	0

SITE LOCATION	SITE #	2016 SAMPLES						ALL YEARS				
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniop- terygidae	Abundance Rating	Total # Families	First sampled	# Times sampled	Avg. Family Count	Min Family Count
South Ore Creek: Bauer Road	52	Taeniops are almost always found here. They were not found this year. None 0						1999	12	0.8	0	2
South Ore Creek: Hamburg Road	40	Taeniops are always found here; Capnids are found occasionally. x Some 1						1995	17	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	10	0.0	0	0
Swift Run: Shetland Rd	41	Stoneflies have only been found here once- in 1998. None 0						1995	14	0.1	0	2
Traver Creek: Broadway	42	Capnids are found here about every other year.						1995	13	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 in 2013 and 2015.						1997	13	0.9	0	2
Traver Creek: Traver Road	101	This site has been sampled twice; Capnids were found in 2013 but nothing was found this year.						2013	2	1.0	0	1
Walker Creek: 8 Mile Road	82	Stoneflies have never been found here in January samples.						2004	7	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 2 samples. None 0						1995	12	0.5	0	2
Woodruff Creek: Maxfield Road	44	Stoneflies have been found here only twice since 1997.						1997	12	0.2	0	1

SITE LOCATION	SITE #	2016 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
Woods Creek: L Huron Metropark	14	Capnids, Perlodids, and Taeniops are typically found here. None were found this year. The same thing happened two years ago, and it is concerning this could be the beginning of a trend.					None	0	1997	14	1.5	0	3
Woods Creek: Martinsville Road	87	Stoneflies have never been found here in January samples.							2009	3	0.0	0	0
Woods Creek: Renton Road	88	Stoneflies were first found at this site in 2012; nothing since then.							2009	5	0.2	0	1