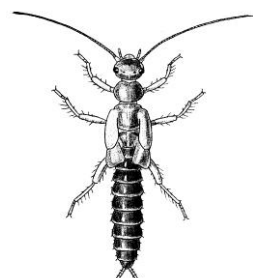


Huron River Watershed Council

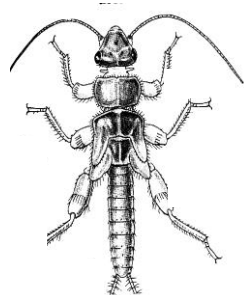
Winter Stonefly Search 2017 Data



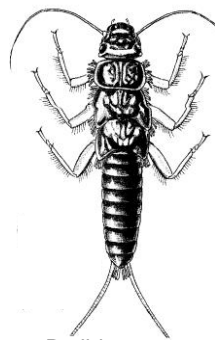
Protecting the river since 1965



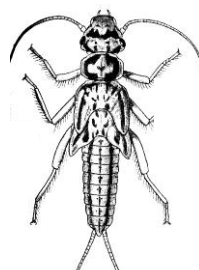
Capniidae:
slender winter
stonefly



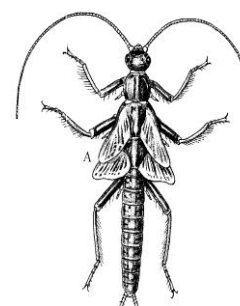
Nemouridae:
broadback
stonefly



Perlidae:
Common stonefly



Perlodidae:
Patterned stonefly



Taeniopterygidae:
broadback winter
stonefly

"X" indicates this family was found in the 2017 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 #	2017 SAMPLES						ALL YEARS									
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count			
Arms Creek: Walsh Road	1	Capnids and Taeniops used to be found here consistently. This is the second year in a row they not been found.						None	0	1996	2017	13	1.5	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	2010	2	0.0	0	0		
Boyden Creek: Delhi Rd	2	Capnids are found here consistently; other families are occasionally found.						x	Some	1	1995	2017	14	1.2	0	2	
Chilson Creek: Brighton Road	45	Stoneflies have only been found here twice (2007, 2011).							None	0	1998	2017	12	0.2	0	1	
Chilson Creek: Chilson Road	5	Perlodids and Taeniops are found here consistently. Capnids were found here once (2013).						x	x	Abundant	2	1997	2017	16	1.8	1	3
Davis Creek: Doane Road	6	Taeniops are always found here (until 2017); Capnids and Perlodids are found in about 50% of the samples. This is the first year not finding stoneflies here.							None	0	1996	2017	15	1.8	0	3	

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS					
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniop- terygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count
Davis Creek: Pontiac Trail	7	Stoneflies are almost always found here. Only twice have stoneflies not been found (2004 and 2012).						1996	2017	15	1.1	0	3
				x		Rare	1						
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.						1998	2016	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.						1995	2017	14	1.6	1	2
		x			x	Some	2						
Fleming Creek: Galpin Rd	84	Like all of the Fleming Creek sites, Capnids are consistently found here.						2005	2016	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.						1995	2017	15	1.1	1	2
		x				Abundant	1						
Fleming Creek: Warren Road	13	Like all of the Fleming Creek sites, Capnids are consistently found here.						1996	2017	16	1.0	1	1
		x				Abundant	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	2012	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	2017	13	2.1	1	3
				x	x	Abundant	2						
Honey Creek: Darwin Rd	16	Capnids and Taeniops are found here consistently.						1998	2017	14	1.9	1	2
		x			x	Abundant	2						
Honey Creek: Jackson Road	18	Capnids are found here about in about 50% of the samples historically. They hadn't been seen here since 2008 until this year's sample, when a single Capnid was found.						2000	2017	13	0.5	0	1
		x				Rare	1						

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS					
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count
Honey Creek: Wagner Road	20	Historically, capnids were found here consistently and Taeniops were often found. However, this is the third year in a row that stoneflies have not been found here.						1995	2017	17	1.1	0	2
		None 0											
Horseshoe Creek: Barker Road	98	This site has been sampled twice; no stoneflies found.						2012	2017	2	0.0	0	0
		None 0											
Horseshoe Creek: Brookside Drive	99	This site was sampled for the first time in 2015; no stoneflies were found.						2015	2015	1	0.0	0	0
Horseshoe Creek: Merrill Road	21	Taeniops are found here consistently; Capnids are found about 50% of the time.						1996	2017	15	1.4	1	2
		x Rare 1											
Hummocky Lick: M-36	63	Capnids are found here about 50% of the time.						2001	2017	11	0.5	0	2
		None 0											
Huron Creek: Dexter-Pinckney	22	Capnids and Taeniops have both been found here in every sample since sampling began in 1995.						1995	2016	12	2.1	2	3
		x x Abundant 2											
Huron River: Bell Road	62	Taeniops are always found here; Capnids are found occasionally. This is the first time stoneflies were not found here.						2001	2016	11	1.3	0	2
Huron River: Commerce Road	47	Perlodids are always found here; although they are rare and difficult to find.						1998	2015	11	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. They have not been found since 2013.						1997	2016	12	0.8	0	2
Huron River: Flat Rock	23	Capnids and Taeniops are found here consistently. Only Taeniops this year!						2001	2016	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). Capnids were found historically, but have not been found for 2 samples in a row now (2013, 2015).						2001	2015	12	2.1	1	3
Huron River: Proud Lake Rec	64	Stoneflies have only been found here once- in 2003.						2001	2015	10	0.1	0	1

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS					
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count
Huron River: US-23 (Liv. Co)	51	Taeniops are almost always found here.						2000	2015	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	2017	13	1.6	0	2
				x	x	Some	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	2016	14	1.8	1	3
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	2016	14	0.0	0	0
Mann: VanAmberg Road	30	This is the best stonefly site that we monitor. Four families have been found here for 10 years in a row (2007-2017).						1996	2017	14	3.1	1	4
		x		x	x	x	Abundant	4					
Mill Creek: Fletcher Road	31	Capnids and Taeniops are found here consistently; this was the first year no stoneflies were found.						1996	2017	14	1.5	0	3
						None	0						
Mill Creek: Ivey Road	32	Stoneflies are found here consistently.						1995	2017	14	1.2	0	2
				x		Abundant	1						
Mill Creek: Jackson Road	33	Capnids are always found here; Taeniops are often found here.						1997	2017	12	1.7	1	2
		x				x	Rare	2					
Mill Creek: Klinger Road	57	Capnids and Taeniops are found here often; occasionally no stoneflies are found at all.						2001	2017	9	1.2	0	2
						x	Rare	1					
Mill Creek: Letts at M-52	34	Capnids and Taeniops are found here consistently.						1995	2017	16	1.5	0	2
		x				x	Some	2					
Mill Creek: Manchester Road	55	Taeniops are almost always found here.						2000	2016	12	0.8	0	2
						x	Some	1					

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS										
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count				
Mill Creek: Parker Road	96	This site has been sampled twice; no stoneflies were found.						None	0	2012	2016	2	0.0	0	0			
Mill Creek: Shield Road	80	Capnids and Taeniops are always found here.						x		x	Abundant	2	2003	2017	12	1.8	1	2
Mill Creek: Mill Creek Park	79	Capnids and Taeniops are always found here.						x		x	Abundant	2	2003	2017	13	1.9	1	2
Millers Creek: Glazier Way	35	Stoneflies have only been found here once- in 2002.											1997	2015	15	0.1	0	2
Norton Creek: Gibson Park	97	This was the first time this site was sampled; no stoneflies found.						None	0	2017	2017	1	0.0	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.											2001	2013	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	2016	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	2015	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	2015	8	0.0	0	0
Portage Creek: Dexter-Townhall Rd	37	Taeniops are found here consistently; Capnids and Perlodids are found here occasionally.						x		x	Abundant	3	1998	2017	15	2.0	1	3
Portage Creek: Rockwell Road	94	This site has been sampled twice; no stoneflies found.						None	0	2013	2016	2	0.0	0	0	0		

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS								
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count	Max Family Count		
Portage Creek: Stockbridge	91	This site has been sampled twice; no stoneflies found.						None	0	2013	2017	2	0.0	0	0	
Portage Creek: Unadilla	58	Stoneflies have only been found here once- in 2000.								2000	2015	10	0.1	0	1	
Portage Creek: Williamsville	92	This site has been sampled three times; no stoneflies have been found.						None	0	2011	2017	3	0.0	0	0	
South Ore Creek: Bauer Road	52	Taeniops are found here regularly, but they haven't been seen in the last two samples (2016 and 2017).						None	0	1999	2017	11	0.6	0	2	
South Ore Creek: Hamburg Road	40	Taeniops are always found here; Capnids are found occasionally.								1995	2017	17	1.4	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	2015	10	0.0	0	0	
Swift Run: Shetland Rd	41	Stoneflies have only been found here once- in 1998.						None	0	1995	2017	15	0.1	0	2	
Traver Creek: Broadway	42	Capnids are found here about every other year.						x	Rare	1	1995	2017	13	0.6	0	1
Walker Creek: 8 Mile Road	82	Stoneflies have never been found here in January samples.								2004	2015	7	0.0	0	0	
Woodruff Creek: Buno Road	46	Stoneflies are only found here in about 1 of every 2 samples.						None	0	1995	2017	12	0.5	0	2	
Woods Creek: L Huron Metropark	14	Capnids, Perlodids, and Taeniops are typically found here.						x								
					x		Rare	2	1997	2017	16	1.5	0	3		

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS					
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count

These sites are sampled on occasion, sometimes for a specific project, but are not used to determine overall watershed health.

Boyden Creek: Golf Course	3	Capnids are always found here; Perlodids and Taeniops are found occasionally. x Some 1						1996	2017	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	2017	12	0.0	0	0
Davis Creek: 11 Mile Road	81	Stoneflies have never been found here in January samples.						2004	2013	7	0.0	0	0
Fleming Creek: Radrick Farms	12	Like all of the Fleming Creek sites, Capnids are consistently found here.						1997	2011	9	1.1	1	2
Honey Creek: Pratt Road	19	Stoneflies haven't been found since 2003; prior to this Capnids were found consistently.						1995	2011	12	0.6	0	2
Livermore Creek: Doyle Road	93	This site was sampled for the first time in 2012; no stoneflies were found.						2012	2012	1	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	2010	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	2011	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	2011	9	0.0	0	0
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	2015	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 site during the Stonefly Search. This site is unusual; it is a tiny trickle of water seeping out of the ground. x Some 1						2003	2017	8	1.1	0	2
Swift Run: Slyvan Park	102	This site was sampled for the first time; no stoneflies found. None 0						2017	2017	1	0.0	0	0

SITE LOCATION	SITE #	2017 SAMPLES						ALL YEARS					
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family Count	Min Family Count
Traver Creek: Dhu Varren Rd	43	Capnids are found here quite consistently. x Rare 1						1997	2017	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. x Rare 1						2013	2017	3	0.7	0	1
Willow Run: Van Buren Park	90	2011 was the first time this site was sampled, no stoneflies were found						2011	2011	1	0.0	0	0
Woodruff Creek: Maxfield Road	44	Stoneflies have been found here only twice since 1997.						1997	2013	12	0.2	0	1
Woods Creek: Martinsville Road	87	Stoneflies have never been found here in January samples.						2009	2013	3	0.0	0	0
Woods Creek: Renton Road	88	Stoneflies were first found at this site in 2012; nothing since then.						2009	2015	5	0.2	0	1