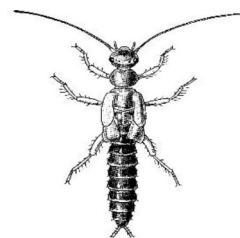


Huron River Watershed Council

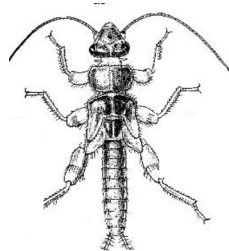
Winter Stonefly Search 2020 Data



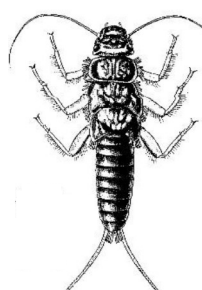
Protecting the river since 1965



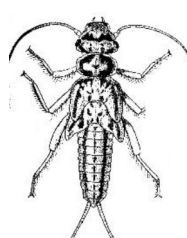
Capniidae:
slender winter
stonefly



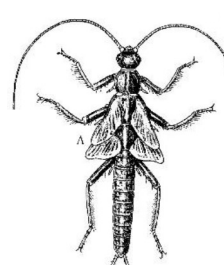
Nemouridae:
broadback
stonefly



Perlidae:
Common stonefly



Perlodidae:
Patterned stonefly



Taeniopterygidae:
broadback winter
stonefly

"X" indicates this family was found in the 2020 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 #	2020 SAMPLES						ALL YEARS								
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count	Max Family Count	
Arms Creek: Walsh Road	1	x					Rare	1	1996	2020	16	1.4	0.7	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. 2020-Not sampled								2009	2017	3	0.0	0.0	0	0
Boyden Creek: Delhi Rd	2				x		Some	1	1995	2020	17	1.1	0.7	0	2	
Chilson Creek: Brighton Road	45	Stoneflies have only been found here twice (2007, 2011). 2020-Not sampled								1998	2017	13	0.2	0.0	0	1
Chilson Creek: Chilson Road	5					x	Frequent	1	1997	2020	19	1.7	1.3	1	3	
Davis Creek: Doane Road	6	x			x	x	Frequent	3	1996	2020	18	1.9	1.7	0	3	
Davis Creek: Pontiac Trail	7					x	Rare	1	1996	2020	18	1.1	1.3	0	3	
Davis Creek: Silver Lake Rd	49					x	Rare	1	1998	2020	15	1.7	1.7	1	2	

SITE LOCATION	SITE #	2020 SAMPLES							ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count	Max Family Count
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. x Abundant 1							1995	2020	17	1.5	1.3	1	2
Fleming Creek: Galpin Rd	84	Like all of the Fleming Creek sites, Capnids are consistently found here. Perlodids found once (2013); Taeniops found the last two sampling years. x Abundant 2							2005	2020	11	1.3	1.7	1	2
Fleming Creek: Geddes Road	11	Like all of the Fleming Creek sites, Capnids are consistently found here. Perlodids have been found twice (2011, 2012). x Abundant 1							1995	2020	18	1.1	1.0	1	2
Fleming Creek: Warren Road	13	Like all of the Fleming Creek sites, Capnids are consistently found here. x Abundant 1							1996	2020	19	1.0	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. None 0							1998	2020	13	0.0	0.0	0	0
Hay Creek: M-36	15	Capnids and Taeniops are found here consistently, Perlodids have been found here in recent years. 2020 is the first year that no stoneflies have been found. None 0							1998	2020	15	1.9	1.0	0	3
Honey Creek: Darwin Rd	16	Capnids and Taeniops are found here consistently. x Abundant 2							1998	2020	18	1.9	2.3	1	3
Honey Creek: Jackson Road	18	Capnids were historically found here about in about 50% of the samples, but they hadn't been seen in recent years (since 2008). In 2017 only one Capnid was found, but they have been found consistently since then. x Frequent 1							2000	2020	17	0.6	1.0	0	1
Honey Creek: Wagner Road	20	Historically, capnids were found here consistently and Taeniops were often found. Stoneflies only found twice since 2013 (2018 Taeniops and Capnids, 2020 only Capnids). 1 Rare 1							1995	2020	20	1.1	1.0	0	2
Horseshoe Creek: Barker Road	98	This site has been sampled three times; no stoneflies found. 2020-Not sampled							2012	2019	3	0.0	0.0	0	0
Horseshoe Creek: Brookside Drive	99	This site has been samples four times; no stoneflies were found. None 0							2013	2020	4	0.0	0.0	0	0
Horseshoe Creek: Merrill Road	21	Taeniops are found here consistently; Capnids are found about 50% of the time. x Abundant 2							1996	2020	18	1.4	1.3	1	2
Hummocky Lick: M-36	63	Capnids are found here about 30% of the time. No stoneflies found the last four sampling years. None 0							2001	2020	14	0.4	0.0	0	2
Huron Creek: Dexter-Pinckney	22	Capnids and Taeniops have both been found here in every sample since sampling began in 1995. Perlodids found two years (2012, 2020). x Abundant 3							1995	2020	14	2.1	2.3	2	3

SITE LOCATION	SITE #	2020 SAMPLES						ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count
Huron River: Bell Road	62	Taeniops were always found here; Capnids found occasionally. No stoneflies were found in 2017 or 2018, rare in 2019. 2020-Not sampled						2001	2019	13	1.2	0.3	0	2
Huron River: Commerce Road	47	Perlodids were always found here; although they are rare and difficult to find. No stoneflies found in 2019 or 2020. None 0						1998	2020	13	0.8	0.3	0	2
Huron River: Cross Street	24	Since 2002, Capnids and Taeniops are found here sporadically. Prior to 2002, no winter stoneflies were found. None found in 2015 or 2016, rare in 2018. 2020-Not sampled						1997	2018	15	0.8	0.3	0	2
Huron River: Flat Rock	23	Capnids and Taeniops are found here consistently. Only Taeniops the last four years. 2020-Not sampled						2001	2019	13	1.6	1.0	1	3
Huron River: Island Park	61	Taeniops are always found here; Perlodids have been found in 3 samples (2008, 2011, 2013). Capniids found regularly. x x Some 2						2001	2020	14	2.1	1.7	1	3
Huron River: Proud Lake Rec	64	Stoneflies have only been found here once- in 2003. 2020-Not sampled						2001	2019	11	0.1	0.0	0	1
Huron River: US-23 (Liv. Co)	51	Taeniops are often found here. 2020-Not sampled						2000	2018	13	0.7	0.7	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. Both families found the last three sampling years. 2020-Not sampled						1995	2019	16	1.7	2.0	0	2
Huron River: Zeeb Road	26	Capnids and Taeniops are found here consistently. Perlodids were found two years (2012, 2016). 2020-Not sampled						2000	2019	16	1.8	1.3	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. None 0						1996	2020	16	0.0	0.0	0	0
Mann: VanAmberg Road	30	This is the best stonefly site that we monitor. Four families have been found here in the past (2007-2017), but only two families the last two sampling years (2019, 2020). x x Abundant 2						1996	2020	17	2.8	2.7	1	4
Mill Creek: Fletcher Road	31	Capnids and Taeniops are found here consistently; however no stoneflies found the last two sampling years (2017, 2020). None 0						1996	2020	15	1.4	0.3	0	3
Mill Creek: Ivey Road	32	Stoneflies are found here consistently. x x Frequent 2						1995	2020	16	1.3	1.0	0	2
Mill Creek: Jackson Road	33	Capnids are always found here; Taeniops are often found here. x x Frequent 2						1997	2020	15	1.7	2.0	1	2

SITE LOCATION	SITE #	2020 SAMPLES							ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count	Max Family Count
Mill Creek: Klinger Road	57	Capnids and Taeniops are found here often; occasionally no stoneflies are found at all. 2020-Not sampled							2001	2019	11	1.2	1.0	0	2
Mill Creek: Letts at M-52	34	Capnids and Taeniops are found here consistently. x Rare 1							1995	2020	19	1.4	1.3	0	2
Mill Creek: Manchester Road	55	Taeniops are almost always found here. Capnids are often found. This was the first time that periodids were found here. x x x Abundant 3							2000	2020	15	1.0	1.3	0	3
Mill Creek: Parker Road	96	This site has been sampled twice; no stoneflies were found. 2020-Not sampled							2012	2016	2	0.0	0.0	0	0
Mill Creek: Shield Road	80	Capnids and Taeniops are always found here. x x Rare 2							2003	2020	15	1.9	2.0	1	2
Mill Creek: Mill Creek Park	79	Capnids and Taeniops are always found here. x x Abundant 2							2003	2020	16	1.9	1.7	1	2
Millers Creek: Glazier Way	35	Stoneflies have only been found here once- in 2002. None 0							1997	2020	16	0.1	0.0	0	1
Norton Creek: Gibson Park	97	This site has been sampled twice; no stoneflies were found either time. 2020-Not sampled							2013	2017	2	0.0	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. 2020-Not sampled							2001	2019	12	0.0	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. 2020-Not sampled							2002	2016	9	0.0	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. 2020-Not sampled							2002	2018	9	0.1	0.3	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. 2020-Not sampled							2000	2015	9	0.0	0.0	0	0
Portage Creek: Dexter-Townhall Rd	37	Taeniops are found here consistently; Capniids frequently; Perlodids and Perlids are found here occasionally. x x Abundant 2							1998	2020	19	2.0	2.0	1	3
Portage Creek: Rockwell Road	94	This site has been sampled twice; no stoneflies found. 2020-Not sampled							2013	2016	2	0.0	0.0	0	0

SITE LOCATION	SITE #	2020 SAMPLES							ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count	Max Family Count
Portage Creek: Stockbridge	91	This site has been sampled three times; no stoneflies found. 2020-Not sampled							2013	2019	3	0.0	0.0	0	0
Portage Creek: Unadilla	58	Stoneflies have only been found here once- in 2000. None 0							2000	2020	12	0.1	0.0	0	1
Portage Creek: Williamsville	92	This site has been sampled four times; no stoneflies have been found. 2020-Not sampled							2011	2019	4	0.0	0.0	0	0
South Ore Creek: Bauer Road	52	Taeniops are found here regularly, but no stoneflies have been seen the last three sampling years (2016, 2017, 2020). None 0							1999	2020	14	0.6	0.0	0	2
South Ore Creek: Hamburg Road	40	Taeniops are always found here; Capnids are found occasionally. x Frequent 1							1995	2020	20	1.4	1.7	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. 2020-Not sampled							2000	2019	11	0.0	0.0	0	0
Swift Run: Shetland Rd	41	Stoneflies have only been found here once- in 1998. 2020-Not sampled							1995	2017	15	0.1	0.0	0	2
Traver Creek: Broadway	42	Capnids are found here about every other year. None 0							1995	2019	15	0.7	1.0	0	1
Walker Creek: 8 Mile Road	82	Stoneflies have never been found here in January samples. None 0							2004	2020	9	0.0	0.0	0	0
Woodruff Creek: Buno Road	46	Stoneflies are only found here in about 1 of every 2 samples. x x Rare 2							1995	2020	15	0.5	0.7	0	2
Woods Creek: L Huron Metropark	14	Capnids, Perlodids, and Taeniops are typically found here. x x Rare 2							1997	2020	19	1.6	2.0	0	3

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	2020	16	1.4	1.0	1	3
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SITE LOCATION	SITE #	2020 SAMPLES							ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count	Max Family Count
Boyden Creek: Huron River Drive	4	Stoneflies have never been found here, although the bug community is pretty good the rest of the year. 2020-Not sampled							1995	2017	13	0.0	0.0	0	0
Davis Creek: 11 Mile Road	81	Stoneflies have never been found here in January samples. 2020-Not sampled							2004	2013	7	0.0	0.0	0	0
Fleming Creek: Radrick Farms	12	Like all of the Fleming Creek sites, Capnids are consistently found here. 2020-Not sampled							1997	2011	9	1.1	1.3	1	2
Honey Creek: Pratt Road	19	Stoneflies haven't been found since 2003; prior to this Capnids were found consistently. 2020-Not sampled							1995	2019	13	0.5	0.0	0	2
Livermore Creek: Doyle Road	93	This site was sampled for the first time in 2012; no stoneflies were found. 2020-Not sampled							2012	2012	1	0.0	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. 2020-Not sampled							1995	2010	11	0.0	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. 2020-Not sampled							2000	2011	9	0.0	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. 2020-Not sampled							1997	2018	10	0.0	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. 2020-Not sampled							2003	2015	10	0.0	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. 2020-Not sampled							2003	2018	9	1.0	0.7	0	2
Swift Run: Sylvan Park	102	This site was sampled for the first time; no stoneflies found. 2020-Not sampled							2017	2017	1	0.0	0.0	0	0
Traver Creek: Dhu Varren Rd	43	Capnids are found here quite consistently. x Frequent 1							1997	2020	15	0.9	1.0	0	2
Traver Creek: Traver Road	101	This site has been sampled four times; Capnids were found three times, but in low abundance. x Rare 1							2013	2020	4	0.8	0.7	0	1
Willow Run: Van Buren Park	90	2011 was the first time this site was sampled, no stoneflies were found 2020-Not sampled							2011	2011	1	0.0	0.0	0	0

SITE LOCATION	SITE #	2020 SAMPLES						ALL YEARS						
		Capniidae	Nemouridae	Perlidae	Perlodidae	Taeniopterygidae	Abundance Rating	Total # Families	First sampled	Last sampled	# Times sampled	Avg. Family All the others	Avg. Family Last 3 samples	Min Family Count
Woodruff Creek: Maxfield Road	44	Stoneflies have been found here only twice since 1997. 2020-Not sampled						1997	2013	12	0.2	0.0	0	1
Woods Creek: Martinsville Road	87	Stoneflies have never been found here in January samples. 2020-Not sampled						2009	2013	3	0.0	0.0	0	0
Woods Creek: Renton Road	88	Stoneflies were only found here one year (2012). 2020-Not sampled						2009	2015	5	0.2	0.3	0	1