Appendix F: Fish Community Assessment Results

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **14.20**	Location:	Date Range: 06/16/2005
Time Fished: 7345 sec	Drainage: 94.0 sq mi	Thru: 08/15/2005
Dist Fished: 0.68 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	102	45.00	18.96	11.51	46.40	255.69
White Sucker	W	O	S	T	69	30.44	12.83	6.91	27.86	226.97
Common Carp	G	O	M	T	2	0.88	0.37	3.04	12.27	3,450.00
Creek Chub	N	G	N	T	1	0.44	0.19	0.01	0.05	30.00
Bluntnose Minnow	N	O	C	T	7	3.09	1.30	0.00	0.02	1.43
Central Stoneroller	N	H	N		3	1.32	0.56	0.01	0.02	4.00
Yellow Bullhead		I	C	T	1	0.44	0.19	0.00	0.01	6.00
White Crappie	S	I	C		1	0.44	0.19	0.04	0.16	90.00
Rock Bass	S	C	C		27	11.91	5.02	0.87	3.53	73.41
Smallmouth Bass	F	C	C	M	29	12.79	5.39	1.05	4.25	82.41
Largemouth Bass	F	C	C		4	1.76	0.74	0.00	0.01	2.00
Green Sunfish	S	I	C	T	58	25.59	10.78	0.56	2.24	21.72
Bluegill Sunfish	S	I	C	P	5	2.21	0.93	0.14	0.54	61.20
Pumpkinseed Sunfish	S	I	C	P	2	0.88	0.37	0.04	0.14	40.00
Yellow Perch			M		6	2.65	1.12	0.08	0.33	31.33
Logperch	D	I	S	M	9	3.97	1.67	0.06	0.22	13.89
Johnny Darter	D	I	C		2	0.88	0.37	0.00	0.01	2.00
Greenside Darter	D	I	S	M	29	12.79	5.39	0.05	0.19	3.64
Rainbow Darter	D	I	S	M	3	1.32	0.56	0.00	0.01	2.00
Mottled Sculpin		I	C		178	78.53	33.09	0.43	1.73	5.45
	Mile Total				538	237.35		24.80		
	Number of Species				20					
	Number of Hybrids				0					

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **11.10**	Location:	Date Range: 06/16/2005
Time Fished: 5701 sec	Drainage: 157.0 sq mi	Thru: 08/24/2005
Dist Fished: 0.60 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	18	9.00	2.35	1.90	18.60	211.34
White Sucker	W	O	S	T	98	49.00	12.78	2.67	26.08	54.44
Common Carp	G	O	M	T	2	1.00	0.26	3.05	29.82	3,050.00
Western Blacknose Dace	N	G	S	T	35	17.50	4.56	0.06	0.57	3.33
Creek Chub	N	G	N	T	94	47.00	12.26	0.29	2.82	6.12
Bluntnose Minnow	N	O	C	T	2	1.00	0.26	0.01	0.07	7.00
Central Stoneroller	N	H	N		18	9.00	2.35	0.10	1.01	11.47
Yellow Bullhead		I	C	T	4	2.00	0.52	0.62	6.01	307.50
Rock Bass	S	C	C		1	0.50	0.13	0.04	0.39	80.00
Largemouth Bass	F	C	C		4	2.00	0.52	0.08	0.76	39.00
Green Sunfish	S	I	C	T	22	11.00	2.87	0.15	1.47	13.64
Bluegill Sunfish	S	I	C	P	2	1.00	0.26	0.03	0.24	25.00
Greenside Darter	D	I	S	M	22	11.00	2.87	0.04	0.42	3.85
Rainbow Darter	D	I	S	M	7	3.50	0.91	0.01	0.07	2.00
Mottled Sculpin		I	C		438	219.00	57.11	1.20	11.69	5.46
	Mile Total				767	383.50		10.23		
	Number of Species				15					
	Number of Hybrids				0					

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **9.90**	Location: dst. Canton WWTP	Date Range: 06/23/2005
Time Fished: 9989 sec	Drainage: 170.0 sq mi	Thru: 08/29/2005
Dist Fished: 0.68 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	26	11.47	2.59	2.75	11.21	240.00
White Sucker	W	O	S	T	192	84.71	19.12	4.49	18.29	53.02
Common Carp	G	O	M	T	8	3.53	0.80	10.73	43.67	3,039.13
Western Blacknose Dace	N	G	S	T	18	7.94	1.79	0.02	0.08	2.33
Creek Chub	N	G	N	T	201	88.68	20.02	3.41	13.90	38.50
Redfin Shiner	N	I	N		2	0.88	0.20	0.00	0.02	5.00
Bluntnose Minnow	N	O	C	T	4	1.76	0.40	0.01	0.03	3.50
Central Stoneroller	N	H	N		28	12.35	2.79	0.19	0.77	15.39
Yellow Bullhead		I	C	T	13	5.74	1.29	0.82	3.32	142.15
White Crappie	S	I	C		1	0.44	0.10	0.02	0.10	55.00
Rock Bass	S	C	C		11	4.85	1.10	0.38	1.55	78.18
Smallmouth Bass	F	C	C	M	4	1.76	0.40	0.07	0.27	37.25
Largemouth Bass	F	C	C		1	0.44	0.10	0.00	0.00	2.00
Green Sunfish	S	I	C	T	104	45.88	10.36	0.67	2.74	14.67
Bluegill Sunfish	S	I	C	P	4	1.76	0.40	0.07	0.29	40.00
Logperch	D	I	S	M	4	1.76	0.40	0.03	0.13	17.75
Johnny Darter	D	I	C		3	1.32	0.30	0.00	0.02	3.00
Greenside Darter	D	I	S	M	42	18.53	4.18	0.09	0.37	4.90
Rainbow Darter	D	I	S	M	3	1.32	0.30	0.00	0.02	3.33
Mottled Sculpin		I	C		335	147.79	33.37	0.80	3.25	5.40
	Mile Total				1,004	442.94		24.56		
	Number of Species				20					
	Number of Hybrids				0					

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **9.20**	Location:	Date Range: 06/23/2005
Time Fished: 7433 sec	Drainage:	Thru: 08/25/2005
Dist Fished: 0.69 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	25	10.80	3.13	2.44	10.23	225.44
White Sucker	W	O	S	T	248	106.54	30.87	14.90	62.62	140.05
Common Carp	G	O	M	T	1	0.43	0.12	2.49	10.44	5,800.00
Western Blacknose Dace	N	G	S	T	2	0.88	0.26	0.00	0.01	1.50
Creek Chub	N	G	N	T	52	22.76	6.60	0.39	1.62	17.21
Redfin Shiner	N	I	N		1	0.44	0.13	0.00	0.00	2.00
Bluntnose Minnow	N	O	C	T	1	0.43	0.12	0.00	0.00	2.00
Yellow Bullhead		I	C	T	12	5.23	1.52	0.75	3.14	143.08
Rock Bass	S	C	C		1	0.44	0.13	0.00	0.01	8.00
Smallmouth Bass	F	C	C	M	9	3.93	1.14	1.04	4.38	265.67
Green Sunfish	S	I	C	T	65	28.42	8.24	0.64	2.67	22.32
Bluegill Sunfish	S	I	C	P	5	2.16	0.62	0.07	0.30	33.80
Pumpkinseed Sunfish	S	I	C	P	1	0.44	0.13	0.02	0.07	35.00
Yellow Perch			M		1	0.43	0.12	0.01	0.03	15.00
Logperch	D	I	S	M	5	2.19	0.64	0.03	0.14	15.40
Greenside Darter	D	I	S	M	41	17.96	5.20	0.13	0.54	7.07
Rainbow Darter	D	I	S	M	10	4.34	1.26	0.01	0.04	2.20
Mottled Sculpin		I	C		316	137.28	39.78	0.89	3.75	6.49
	Mile Total				796	345.11		23.80		
	Number of Species				18					
	Number of Hybrids				0					

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **6.80**	Location: Howenstine Rd.	Date Range: 06/20/2005
Time Fished: 9214 sec	Drainage:	Thru: 08/29/2005
Dist Fished: 0.85 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	7	2.63	1.26	0.66	3.17	251.14
White Sucker	W	O	S	T	26	9.04	4.34	0.98	4.69	108.47
Common Carp	G	O	M	T	19	6.88	3.30	16.38	78.69	2,361.84
Western Blacknose Dace	N	G	S	T	8	2.75	1.32	0.02	0.11	8.25
Creek Chub	N	G	N	T	102	37.33	17.93	0.74	3.55	19.94
Redfin Shiner	N	I	N		1	0.38	0.18	0.01	0.04	20.00
Bluntnose Minnow	N	O	C	T	2	0.67	0.32	0.01	0.03	10.00
Central Stoneroller	N	H	N		1	0.38	0.18	0.00	0.01	4.00
Yellow Bullhead		I	C	T	10	3.50	1.68	0.37	1.79	104.10
White Crappie	S	I	C		2	0.67	0.32	0.03	0.13	40.00
Rock Bass	S	C	C		9	3.17	1.52	0.23	1.10	70.78
Smallmouth Bass	F	C	C	M	2	0.75	0.36	0.01	0.04	10.00
Largemouth Bass	F	C	C		2	0.75	0.36	0.12	0.55	153.00
Green Sunfish	S	I	C	T	61	21.63	10.39	0.44	2.11	20.16
Bluegill Sunfish	S	I	C	P	4	1.42	0.68	0.01	0.07	10.00
Blackside Darter	D	I	S		2	0.75	0.36	0.00	0.02	5.00
Greenside Darter	D	I	S	M	48	17.00	8.16	0.10	0.48	5.88
Rainbow Darter	D	I	S	M	3	1.13	0.54	0.00	0.01	2.00
Mottled Sculpin		I	C		280	97.42	46.79	0.72	3.44	7.45
	Mile Total				589	208.21		20.82		
	Number of Species				19					
	Number of Hybrids				0					

Species List

River Code: **17-460**	Stream: **Nimishillen Creek**	Sample Date: **2005**
River Mile: **2.70**	Location: dst. Farber Rd.	Date Range: 06/20/2005
Time Fished: 10009 sec	Drainage: 186.0 sq mi	Thru: 08/24/2005
Dist Fished: 0.80 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	28	10.50	4.38	1.55	7.76	148.02
White Sucker	W	O	S	T	17	6.38	2.66	0.90	4.50	141.41
Common Carp	G	O	M	T	26	9.75	4.06	13.72	68.46	1,407.12
Creek Chub	N	G	N	T	39	14.63	6.09	0.37	1.84	25.18
Fathead Minnow	N	O	C	T	10	3.75	1.56	0.00	0.02	1.00
Bluntnose Minnow	N	O	C	T	3	1.13	0.47	0.00	0.02	3.33
Central Stoneroller	N	H	N		4	1.50	0.63	0.04	0.19	26.00
Yellow Bullhead		I	C	T	25	9.38	3.91	1.03	5.12	109.40
Black Bullhead		I	C	P	2	0.75	0.31	0.17	0.84	225.00
Trout-perch		I	M		1	0.38	0.16	0.00	0.00	2.00
White Crappie	S	I	C		3	1.13	0.47	0.07	0.34	60.00
Black Crappie	S	I	C		1	0.38	0.16	0.02	0.07	40.00
Rock Bass	S	C	C		11	4.13	1.72	0.28	1.37	66.82
Smallmouth Bass	F	C	C	M	2	0.75	0.31	0.22	1.09	290.00
Warmouth Sunfish	S	C	C		3	1.13	0.47	0.03	0.13	23.33
Green Sunfish	S	I	C	T	99	37.13	15.47	0.65	3.25	17.56
Bluegill Sunfish	S	I	C	P	35	13.13	5.47	0.18	0.88	13.48
Pumpkinseed Sunfish	S	I	C	P	1	0.38	0.16	0.01	0.05	25.00
Green Sf X Bluegill Sf					11	4.13	1.72	0.09	0.45	22.00
Blackside Darter	D	I	S		4	1.50	0.63	0.01	0.04	5.25
Logperch	D	I	S	M	5	1.88	0.78	0.04	0.18	19.00
Johnny Darter	D	I	C		2	0.75	0.31	0.00	0.01	2.50
Greenside Darter	D	I	S	M	81	30.38	12.66	0.12	0.61	4.03
Rainbow Darter	D	I	S	M	4	1.50	0.63	0.02	0.08	11.00
Mottled Sculpin		I	C		223	83.63	34.84	0.54	2.69	6.45
	Mile Total				640	240.00		20.04		
	Number of Species				24					
	Number of Hybrids				1					

Species List

River Code: **17-461**	Stream: **Sherrick Run**	Sample Date: **2003**
River Mile: **0.10**	Location:	Date Range: 08/11/2003
Time Fished: 1835 sec	Drainage: 10.4 sq mi	
Dist Fished: 0.13 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	9	20.77	3.28			
Western Blacknose Dace	N	G	S	T	46	106.15	16.79			
Creek Chub	N	G	N	T	132	304.62	48.18			
Common Shiner	N	I	S		1	2.31	0.37			
Bluntnose Minnow	N	O	C	T	6	13.85	2.19			
Central Stoneroller	N	H	N		1	2.31	0.37			
Yellow Bullhead		I	C	T	1	2.31	0.37			
Green Sunfish	S	I	C	T	8	18.46	2.92			
Bluegill Sunfish	S	I	C	P	2	4.62	0.73			
Greenside Darter	D	I	S	M	1	2.31	0.37			
Mottled Sculpin		I	C		65	150.00	23.72			
Brook Stickleback		I	C		2	4.62	0.73			
	Mile Total				274	632.31				
	Number of Species				12					
	Number of Hybrids				0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **13.60**	Location:	Date Range: 06/24/2003
Time Fished: 1500 sec	Drainage: 4.1 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	18	54.00	5.66			
Creek Chub	N	G	N	T	200	600.00	62.89			
South. Redbelly Dace	N	H	S		1	3.00	0.31			
Bluntnose Minnow	N	O	C	T	40	120.00	12.58			
Yellow Bullhead		I	C	T	4	12.00	1.26			
Largemouth Bass	F	C	C		3	9.00	0.94			
Green Sunfish	S	I	C	T	14	42.00	4.40			
Bluegill Sunfish	S	I	C	P	24	72.00	7.55			
Yellow Perch			M		7	21.00	2.20			
Johnny Darter	D	I	C		7	21.00	2.20			
	Mile Total				318	954.00				
	Number of Species				10					
	Number of Hybrids				0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **11.40**	Location:	Date Range: 06/24/2003
Time Fished: 1584 sec	Drainage: 9.0 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	18	54.00	5.23			
Western Blacknose Dace	N	G	S	T	16	48.00	4.65			
Creek Chub	N	G	N	T	69	207.00	20.06			
Bluntnose Minnow	N	O	C	T	24	72.00	6.98			
Green Sunfish	S	I	C	T	1	3.00	0.29			
Bluegill Sunfish	S	I	C	P	4	12.00	1.16			
Greenside Darter	D	I	S	M	26	78.00	7.56			
Rainbow Darter	D	I	S	M	2	6.00	0.58			
Mottled Sculpin		I	C		184	552.00	53.49			
	Mile Total				344	1,032.00				
	Number of Species				9					
	Number of Hybrids				0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **10.40**	Location:	Date Range: 07/01/2003
Time Fished: 2128 sec	Drainage: 25.5 sq mi	
Dist Fished: 0.17 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	169	298.24	34.70	27.96	24.24	93.75
Common Carp	G	O	M	T	26	45.88	5.34	80.75	70.02	1,760.00
Creek Chub	N	G	N	T	52	91.77	10.68	2.13	1.84	23.15
Bluntnose Minnow	N	O	C	T	135	238.24	27.72	1.11	0.96	4.65
Yellow Bullhead		I	C	T	2	3.53	0.41	0.32	0.28	90.00
White Crappie	S	I	C		1	1.77	0.21	0.01	0.01	4.00
Rock Bass	S	C	C		3	5.29	0.62	0.08	0.07	15.33
Largemouth Bass	F	C	C		3	5.29	0.62	0.60	0.52	113.33
Green Sunfish	S	I	C	T	13	22.94	2.67	0.47	0.40	20.31
Bluegill Sunfish	S	I	C	P	11	19.41	2.26	0.42	0.36	21.36
Pumpkinseed Sunfish	S	I	C	P	1	1.77	0.21	0.01	0.01	4.00
Yellow Perch			M		44	77.65	9.03	1.15	0.99	14.77
Johnny Darter	D	I	C		5	8.82	1.03	0.01	0.01	1.20
Greenside Darter	D	I	S	M	8	14.12	1.64	0.05	0.04	3.50
Mottled Sculpin		I	C		14	24.71	2.87	0.28	0.24	11.38
	Mile Total				487	859.41		115.33		
	Number of Species				15					
	Number of Hybrids				0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **6.90**	Location:	Date Range: 07/01/2003
Time Fished: 2114 sec	Drainage: 34.0 sq mi	
Dist Fished: 0.20 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	1	1.50	0.26	0.02	0.02	12.00
White Sucker	W	O	S	T	186	279.00	48.19	25.45	28.24	91.20
Common Carp	G	O	M	T	16	24.00	4.15	60.75	67.43	2,531.25
Creek Chub	N	G	N	T	11	16.50	2.85	0.67	0.74	40.36
Bluntnose Minnow	N	O	C	T	49	73.50	12.69	0.40	0.44	5.42
Yellow Bullhead		I	C	T	3	4.50	0.78	0.17	0.19	37.33
Rock Bass	S	C	C		17	25.50	4.40	1.00	1.11	39.18
Green Sunfish	S	I	C	T	24	36.00	6.22	0.32	0.35	8.75
Bluegill Sunfish	S	I	C	P	29	43.50	7.51	0.27	0.30	6.14
Yellow Perch			M		32	48.00	8.29	0.90	1.00	18.71
Johnny Darter	D	I	C		2	3.00	0.52	0.01	0.01	2.00
Greenside Darter	D	I	S	M	5	7.50	1.30	0.03	0.03	3.60
Mottled Sculpin		I	C		11	16.50	2.85	0.13	0.15	8.00
	Mile Total				386	579.00		90.09		
	Number of Species				13					
	Number of Hybrids				0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **6.80**	Location:	Date Range: 07/20/2005
Time Fished: 2951 sec	Drainage: 34.0 sq mi	
Dist Fished: 0.26 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	6	6.92	1.76	2.45	7.73	354.17
White Sucker	W	O	S	T	117	135.00	34.41	24.53	77.32	181.71
Creek Chub	N	G	N	T	34	39.23	10.00	0.80	2.53	20.44
Bluntnose Minnow	N	O	C	T	9	10.39	2.65	0.04	0.12	3.75
Channel Catfish	F		C		1	1.15	0.29	0.46	1.46	400.00
Yellow Bullhead		I	C	T	2	2.31	0.59	0.12	0.38	52.50
Rock Bass	S	C	C		6	6.92	1.76	0.76	2.40	110.00
Largemouth Bass	F	C	C		4	4.62	1.18	0.01	0.03	2.00
Green Sunfish	S	I	C	T	19	21.92	5.59	0.39	1.23	17.72
Bluegill Sunfish	S	I	C	P	4	4.62	1.18	0.11	0.35	23.75
Pumpkinseed Sunfish	S	I	C	P	1	1.15	0.29	0.09	0.29	80.00
Yellow Perch			M		19	21.92	5.59	0.98	3.07	44.47
Johnny Darter	D	I	C		7	8.08	2.06	0.02	0.05	2.14
Greenside Darter	D	I	S	M	5	5.77	1.47	0.02	0.07	4.00
Rainbow Darter	D	I	S	M	1	1.15	0.29	0.00	0.01	2.00
Mottled Sculpin		I	C		105	121.15	30.88	0.94	2.96	7.76
Mile Total					340	392.31		31.73		
Number of Species					16					
Number of Hybrids					0					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **2.70**	Location:	Date Range: 07/20/2005
Time Fished: 2893 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	17	25.50	6.14	5.53	10.86	216.67
White Sucker	W	O	S	T	30	45.00	10.83	7.31	14.36	162.33
Common Carp	G	O	M	T	4	6.00	1.44	23.10	45.42	3,850.00
Bluntnose Minnow	N	O	C	T	1	1.50	0.36	0.00	0.01	2.00
Central Stoneroller	N	H	N		1	1.50	0.36	0.06	0.12	40.00
Yellow Bullhead		I	C	T	47	70.50	16.97	6.58	12.94	93.33
Black Crappie	S	I	C		1	1.50	0.36	0.17	0.32	110.00
Rock Bass	S	C	C		14	21.00	5.05	2.47	4.85	117.50
Largemouth Bass	F	C	C		78	117.00	28.16	2.68	5.27	22.88
Warmouth Sunfish	S	C	C		1	1.50	0.36	0.02	0.03	10.00
Green Sunfish	S	I	C	T	12	18.00	4.33	0.35	0.68	19.17
Bluegill Sunfish	S	I	C	P	33	49.50	11.91	1.06	2.08	21.36
Pumpkinseed Sunfish	S	I	C	P	11	16.50	3.97	0.44	0.87	26.82
Bluegill X Pumpkinseed					1	1.50	0.36	0.04	0.07	25.00
Yellow Perch			M		15	22.50	5.42	0.98	1.92	43.33
Greenside Darter	D	I	S	M	11	16.50	3.97	0.10	0.19	6.00
	Mile Total				277	415.50		50.86		
	Number of Species				15					
	Number of Hybrids				1					

Species List

River Code: **17-462**	Stream: **Middle Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **0.10**	Location:	Date Range: 08/04/2005
Time Fished: 2311 sec	Drainage: 46.6 sq mi	
Dist Fished: 0.18 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	3	5.00	2.24	0.02	0.33	4.00
Creek Chub	N	G	N	T	1	1.67	0.75	0.18	3.06	110.00
Bluntnose Minnow	N	O	C	T	44	73.33	32.84	0.26	4.29	3.50
Yellow Bullhead		I	C	T	8	13.33	5.97	0.49	8.10	36.38
Rock Bass	S	C	C		25	41.67	18.66	3.45	57.62	82.80
Largemouth Bass	F	C	C		6	10.00	4.48	0.38	6.26	37.50
Green Sunfish	S	I	C	T	1	1.67	0.75	0.05	0.84	30.00
Bluegill Sunfish	S	I	C	P	18	30.00	13.43	0.98	16.32	32.56
Yellow Perch			M		1	1.67	0.75	0.01	0.13	5.00
Greenside Darter	D	I	S	M	11	18.33	8.21	0.10	1.72	5.64
Rainbow Darter	D	I	S	M	13	21.67	9.70	0.02	0.38	1.08
Mottled Sculpin		I	C		3	5.00	2.24	0.06	0.92	11.00
Mile Total					134	223.33		5.99		
Number of Species					12					
Number of Hybrids					0					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **8.60**	Location:	Date Range: 07/14/2003
Time Fished: 2085 sec	Drainage: 8.5 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	47	141.00	24.74			
Creek Chub	N	G	N	T	23	69.00	12.11			
Striped Shiner	N	I	S		2	6.00	1.05			
Common Shiner	N	I	S		11	33.00	5.79			
Bluntnose Minnow	N	O	C	T	60	180.00	31.58			
Central Stoneroller	N	H	N		2	6.00	1.05			
Striped Sh X Common Sh		I			1	3.00	0.53			
Yellow Bullhead		I	C	T	2	6.00	1.05			
White Crappie	S	I	C		1	3.00	0.53			
Rock Bass	S	C	C		2	6.00	1.05			
Largemouth Bass	F	C	C		9	27.00	4.74			
Warmouth Sunfish	S	C	C		1	3.00	0.53			
Green Sunfish	S	I	C	T	7	21.00	3.68			
Bluegill Sunfish	S	I	C	P	9	27.00	4.74			
Pumpkinseed Sunfish	S	I	C	P	6	18.00	3.16			
Green Sf X Hybrid					4	12.00	2.11			
Fantail Darter	D	I	C		3	9.00	1.58			
	Mile Total				190	570.00				
	Number of Species				15					
	Number of Hybrids				2					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **6.40**	Location:	Date Range: 07/14/2003
Time Fished:	Drainage: 18.9 sq mi	
Dist Fished: 0.19 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	76	120.00	21.35	4.32	51.31	36.00
Western Blacknose Dace	N	G	S	T	26	41.05	7.30	0.15	1.81	3.69
Creek Chub	N	G	N	T	105	165.79	29.49	1.89	22.42	11.39
Common Shiner	N	I	S		10	15.79	2.81	0.25	2.92	15.60
Silverjaw Minnow	N	I	M		3	4.74	0.84	0.01	0.11	2.00
Bluntnose Minnow	N	O	C	T	70	110.53	19.66	0.32	3.75	2.86
Central Stoneroller	N	H	N		3	4.74	0.84	0.02	0.23	4.00
Striped Sh X Common Sh		I			4	6.32	1.12	0.07	0.78	10.50
Yellow Bullhead		I	C	T	1	1.58	0.28	0.38	4.50	240.00
Green Sunfish	S	I	C	T	32	50.53	8.99	0.35	4.20	7.00
Bluegill Sunfish	S	I	C	P	4	6.32	1.12	0.23	2.70	36.00
Pumpkinseed Sunfish	S	I	C	P	1	1.58	0.28	0.24	2.89	154.00
Green Sf X Hybrid					4	6.32	1.12	0.14	1.69	22.50
Johnny Darter	D	I	C		9	14.21	2.53	0.02	0.26	1.56
Fantail Darter	D	I	C		7	11.05	1.97	0.03	0.39	3.00
Brook Stickleback		I	C		1	1.58	0.28	0.00	0.04	2.00
	Mile Total				356	562.11		8.42		
	Number of Species				14					
	Number of Hybrids				2					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **5.90**	Location:	Date Range: 07/15/2003
Time Fished: 2903 sec	Drainage: 19.0 sq mi	
Dist Fished: 0.21 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	214	305.71	35.14	14.07	69.57	46.03
Western Blacknose Dace	N	G	S	T	48	68.57	7.88	0.25	1.24	3.66
Creek Chub	N	G	N	T	232	331.43	38.10	5.23	25.83	15.77
South. Redbelly Dace	N	H	S		1	1.43	0.16	0.01	0.04	6.00
Common Shiner	N	I	S		3	4.29	0.49	0.06	0.28	13.33
Silverjaw Minnow	N	I	M		2	2.86	0.33	0.02	0.10	7.00
Bluntnose Minnow	N	O	C	T	28	40.00	4.60	0.13	0.65	3.29
Central Stoneroller	N	H	N		18	25.71	2.96	0.14	0.71	5.56
Largemouth Bass	F	C	C		2	2.86	0.33	0.01	0.05	4.00
Green Sunfish	S	I	C	T	11	15.71	1.81	0.09	0.44	5.64
Bluegill Sunfish	S	I	C	P	1	1.43	0.16	0.05	0.27	38.00
Green Sf X Hybrid					1	1.43	0.16	0.03	0.17	24.00
Johnny Darter	D	I	C		20	28.57	3.28	0.06	0.30	2.11
Rainbow Darter	D	I	S	M	25	35.71	4.11	0.06	0.29	1.64
Fantail Darter	D	I	C		3	4.29	0.49	0.01	0.06	3.00
	Mile Total				609	870.00		20.23		
	Number of Species				14					
	Number of Hybrids				1					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **4.20**	Location:	Date Range: 07/14/2003
Time Fished: 6553 sec	Drainage: 32.0 sq mi	Thru: 09/18/2003
Dist Fished: 0.46 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	1	0.65	0.09	0.00	0.01	4.00
White Sucker	W	O	S	T	445	290.22	38.33	22.36	82.24	77.03
Western Blacknose Dace	N	G	S	T	83	54.13	7.15	0.28	1.03	5.19
Creek Chub	N	G	N	T	255	166.30	21.96	3.25	11.97	19.56
Striped Shiner	N	I	S		1	0.65	0.09	0.03	0.10	41.00
Common Shiner	N	I	S		1	0.65	0.09	0.00	0.01	5.00
Bluntnose Minnow	N	O	C	T	51	33.26	4.39	0.20	0.72	5.88
Central Stoneroller	N	H	N		61	39.78	5.25	0.65	2.38	16.26
Rock Bass	S	C	C		2	1.30	0.17	0.03	0.10	20.00
Largemouth Bass	F	C	C		2	1.30	0.17	0.00	0.01	1.00
Green Sunfish	S	I	C	T	30	19.57	2.58	0.14	0.52	7.21
Bluegill Sunfish	S	I	C	P	2	1.30	0.17	0.02	0.06	12.00
Johnny Darter	D	I	C		69	45.00	5.94	0.06	0.21	1.29
Rainbow Darter	D	I	S	M	144	93.91	12.40	0.15	0.56	1.62
Fantail Darter	D	I	C		13	8.48	1.12	0.02	0.09	2.85
Brook Stickleback		I	C		1	0.65	0.09	0.00	0.00	1.00
	Mile Total				1,161	757.17		27.18		
	Number of Species				16					
	Number of Hybrids				0					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **1.90**	Location:	Date Range: 07/15/2003
Time Fished: 2315 sec	Drainage: 40.0 sq mi	
Dist Fished: 0.27 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	1	1.11	0.29	0.08	0.96	72.00
White Sucker	W	O	S	T	82	91.11	24.19	5.58	67.14	61.25
Creek Chub	N	G	N	T	132	146.67	38.94	2.06	24.77	14.04
Common Shiner	N	I	S		2	2.22	0.59	0.04	0.48	18.00
Bluntnose Minnow	N	O	C	T	33	36.67	9.73	0.16	1.97	4.48
Central Stoneroller	N	H	N		10	11.11	2.95	0.11	1.34	10.00
Yellow Bullhead		I	C	T	1	1.11	0.29	0.01	0.08	6.00
Rock Bass	S	C	C		1	1.11	0.29	0.02	0.24	18.00
Green Sunfish	S	I	C	T	4	4.44	1.18	0.06	0.77	14.50
Green Sf X Hybrid					2	2.22	0.59	0.05	0.59	22.00
Johnny Darter	D	I	C		7	7.78	2.06	0.02	0.19	2.00
Rainbow Darter	D	I	S	M	61	67.78	17.99	0.11	1.30	1.59
Fantail Darter	D	I	C		3	3.33	0.88	0.01	0.16	4.00
	Mile Total				339	376.67		8.31		
	Number of Species				12					
	Number of Hybrids				1					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **1.90**	Location:	Date Range: 08/04/2005
Time Fished: 2524 sec	Drainage: 40.0 sq mi	
Dist Fished: 0.26 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	17	19.62	4.44	0.21	2.30	10.50
White Sucker	W	O	S	T	83	95.77	21.67	5.41	60.47	56.44
Western Blacknose Dace	N	G	S	T	55	63.46	14.36	0.38	4.25	5.98
Creek Chub	N	G	N	T	69	79.62	18.02	1.95	21.80	24.48
Bluntnose Minnow	N	O	C	T	4	4.62	1.04	0.02	0.26	5.00
Central Stoneroller	N	H	N		31	35.77	8.09	0.51	5.66	14.14
Largemouth Bass	F	C	C		2	2.31	0.52	0.01	0.13	5.00
Green Sunfish	S	I	C	T	14	16.15	3.66	0.28	3.17	17.50
Johnny Darter	D	I	C		16	18.46	4.18	0.02	0.17	0.80
Greenside Darter	D	I	S	M	4	4.62	1.04	0.01	0.13	2.50
Rainbow Darter	D	I	S	M	86	99.23	22.45	0.14	1.60	1.45
Fantail Darter	D	I	C		1	1.15	0.26	0.00	0.03	3.00
Brook Stickleback		I	C		1	1.15	0.26	0.00	0.02	2.00
	Mile Total				383	441.92		8.94		
	Number of Species				13					
	Number of Hybrids				0					

Species List

River Code: **17-463**	Stream: **East Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **0.10**	Location:	Date Range: 08/25/2005
Time Fished: 3143 sec	Drainage: 43.5 sq mi	
Dist Fished: 0.20 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	6	9.00	0.52	0.32	0.51	36.00
White Sucker	W	O	S	T	755	1,132.50	65.09	54.65	85.41	48.25
Western Blacknose Dace	N	G	S	T	7	10.50	0.60	0.05	0.07	4.29
Creek Chub	N	G	N	T	20	30.00	1.72	0.42	0.65	13.89
Redfin Shiner	N	I	N		1	1.50	0.09	0.01	0.01	3.00
Silverjaw Minnow	N	I	M		1	1.50	0.09	0.01	0.01	4.00
Bluntnose Minnow	N	O	C	T	23	34.50	1.98	0.15	0.24	4.41
Central Stoneroller	N	H	N		71	106.50	6.12	0.77	1.20	7.22
Channel Catfish	F		C		1	1.50	0.09	1.28	1.99	850.00
Yellow Bullhead		I	C	T	6	9.00	0.52	0.70	1.10	78.00
Black Bullhead		I	C	P	2	3.00	0.17	0.48	0.75	160.00
Rock Bass	S	C	C		1	1.50	0.09	0.17	0.27	115.00
Smallmouth Bass	F	C	C	M	14	21.00	1.21	3.22	5.03	153.31
Largemouth Bass	F	C	C		5	7.50	0.43	0.04	0.06	5.46
Green Sunfish	S	I	C	T	15	22.50	1.29	0.55	0.86	24.33
Bluegill Sunfish	S	I	C	P	4	6.00	0.34	0.17	0.26	27.50
Johnny Darter	D	I	C		3	4.50	0.26	0.01	0.01	2.00
Greenside Darter	D	I	S	M	31	46.50	2.67	0.17	0.26	3.55
Rainbow Darter	D	I	S	M	40	60.00	3.45	0.11	0.17	1.85
Mottled Sculpin		I	C		154	231.00	13.28	0.73	1.14	3.15
	Mile Total				1,160	1,740.00		63.98		
	Number of Species				20					
	Number of Hybrids				0					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **10.50**	Location:	Date Range: 07/17/2003
Time Fished:	Drainage: 5.4 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	15.00	1.24			
Western Blacknose Dace	N	G	S	T	159	477.00	39.45			
Creek Chub	N	G	N	T	15	45.00	3.72			
Common Shiner	N	I	S		24	72.00	5.96			
Bluntnose Minnow	N	O	C	T	24	72.00	5.96			
Green Sunfish	S	I	C	T	62	186.00	15.38			
Bluegill Sunfish	S	I	C	P	3	9.00	0.74			
Johnny Darter	D	I	C		1	3.00	0.25			
Mottled Sculpin		I	C		110	330.00	27.30			
	Mile Total				403	1,209.00				
	Number of Species				9					
	Number of Hybrids				0					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **9.30**	Location:	Date Range: 07/17/2003
Time Fished: 1026 sec	Drainage: 9.4 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	1	3.00	1.28			
Common Shiner	N	I	S		2	6.00	2.56			
Bluntnose Minnow	N	O	C	T	3	9.00	3.85			
Yellow Bullhead		I	C	T	1	3.00	1.28			
Largemouth Bass	F	C	C		2	6.00	2.56			
Warmouth Sunfish	S	C	C		2	6.00	2.56			
Green Sunfish	S	I	C	T	51	153.00	65.38			
Bluegill Sunfish	S	I	C	P	14	42.00	17.95			
Pumpkinseed Sunfish	S	I	C	P	2	6.00	2.56			
	Mile Total				78	234.00				
	Number of Species				9					
	Number of Hybrids				0					

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **4.60**	Location:	Date Range: 07/16/2003
Time Fished: 1796 sec	Drainage: 17.3 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	20	60.00	12.35			
Western Blacknose Dace	N	G	S	T	40	120.00	24.69			
Creek Chub	N	G	N	T	29	87.00	17.90			
Common Shiner	N	I	S		8	24.00	4.94			
Bluntnose Minnow	N	O	C	T	18	54.00	11.11			
Yellow Bullhead		I	C	T	3	9.00	1.85			
Largemouth Bass	F	C	C		1	3.00	0.62			
Green Sunfish	S	I	C	T	2	6.00	1.23			
Johnny Darter	D	I	C		3	9.00	1.85			
Mottled Sculpin		I	C		38	114.00	23.46			
	Mile Total				162	486.00				
	Number of Species				10					
	Number of Hybrids				0					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2004**
River Mile: **3.50**	Location:	Date Range: 08/25/2004
Time Fished: 2880 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	1	1.50	0.25	0.27	7.60	182.00
White Sucker	W	O	S	T	16	24.00	4.01	0.23	6.35	9.50
Western Blacknose Dace	N	G	S	T	118	177.00	29.57	0.67	18.55	3.76
Creek Chub	N	G	N	T	17	25.50	4.26	0.09	2.37	3.33
Striped Shiner	N	I	S		1	1.50	0.25	0.01	0.14	3.00
Bluntnose Minnow	N	O	C	T	46	69.00	11.53	0.26	7.33	3.80
Central Stoneroller	N	H	N		2	3.00	0.50	0.05	1.25	15.00
Yellow Bullhead		I	C	T	3	4.50	0.75	0.39	10.92	87.00
Largemouth Bass	F	C	C		5	7.50	1.25	0.06	1.67	8.00
Green Sunfish	S	I	C	T	12	18.00	3.01	0.25	6.82	13.64
Johnny Darter	D	I	C		6	9.00	1.50	0.03	0.81	3.17
Mottled Sculpin		I	C		172	258.00	43.11	1.30	36.24	5.04
	Mile Total				399	598.50		3.59		
	Number of Species				12					
	Number of Hybrids				0					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **3.20**	Location:	Date Range: 07/16/2003
Time Fished: 2758 sec	Drainage: 39.0 sq mi	
Dist Fished: 0.23 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	66	86.09	12.94	7.31	49.26	84.92
Common Carp	G	O	M	T	7	9.13	1.37	2.22	14.94	242.86
Western Blacknose Dace	N	G	S	T	4	5.22	0.78	0.01	0.08	2.25
Creek Chub	N	G	N	T	27	35.22	5.29	0.70	4.73	19.93
Common Shiner	N	I	S		4	5.22	0.78	0.07	0.47	13.50
Bluntnose Minnow	N	O	C	T	260	339.13	50.98	1.71	11.54	5.05
Common Carp X Goldfish	G	O		T	1	1.30	0.20	1.63	10.98	1,250.00
Striped Sh X Common Sh		I			1	1.30	0.20	0.02	0.15	18.00
Yellow Bullhead		I	C	T	9	11.74	1.76	0.30	2.04	25.78
Largemouth Bass	F	C	C		2	2.61	0.39	0.00	0.03	1.50
Green Sunfish	S	I	C	T	74	96.52	14.51	0.50	3.35	5.15
Bluegill Sunfish	S	I	C	P	13	16.96	2.55	0.13	0.84	7.38
Pumpkinseed Sunfish	S	I	C	P	2	2.61	0.39	0.04	0.26	15.00
Green Sf X Hybrid					4	5.22	0.78	0.10	0.67	19.00
Johnny Darter	D	I	C		30	39.13	5.88	0.07	0.45	1.70
Mottled Sculpin		I	C		6	7.83	1.18	0.03	0.21	4.00
	Mile Total				510	665.22		14.84		
	Number of Species				13					
	Number of Hybrids				3					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2003**
River Mile: **0.40**	Location:	Date Range: 07/16/2003
Time Fished: 2185 sec	Drainage: 46.3 sq mi	Thru: 09/18/2003
Dist Fished: 0.47 km	Basin: Muskingum River No of Passes: 2	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	4	2.42	0.87	0.47	13.46	191.25
White Sucker	W	O	S	T	64	43.33	15.54	0.74	21.14	15.75
Common Carp	G	O	M	T	2	1.50	0.54	0.22	6.36	147.50
Golden Shiner	N	I	M	T	4	2.61	0.94	0.04	1.03	14.50
Western Blacknose Dace	N	G	S	T	75	49.83	17.87	0.26	7.49	5.15
Creek Chub	N	G	N	T	20	13.83	4.96	0.25	7.15	18.00
Striped Shiner	N	I	S		1	0.75	0.27	0.01	0.17	8.00
Common Shiner	N	I	S		1	0.56	0.20	0.01	0.16	10.00
Bluntnose Minnow	N	O	C	T	33	20.67	7.41	0.12	3.34	5.45
Central Stoneroller	N	H	N		10	6.53	2.34	0.15	4.25	22.20
Yellow Bullhead		I	C	T	13	8.39	3.01	0.53	15.11	61.00
Green Sunfish	S	I	C	T	15	8.92	3.20	0.09	2.64	10.13
Bluegill Sunfish	S	I	C	P	23	13.36	4.79	0.08	2.33	6.09
Pumpkinseed Sunfish	S	I	C	P	3	1.86	0.67	0.03	0.83	14.67
Blackside Darter	D	I	S		1	0.75	0.27	0.00	0.13	6.00
Johnny Darter	D	I	C		1	0.75	0.27	0.00	0.07	3.00
Greenside Darter	D	I	S	M	4	2.42	0.87	0.01	0.39	5.50
Banded Darter	D	I	S	I	1	0.56	0.20	0.00	0.03	2.00
Rainbow Darter	D	I	S	M	2	1.50	0.54	0.00	0.13	3.00
Mottled Sculpin		I	C		156	98.33	35.26	0.48	13.79	4.90
	Mile Total				433	278.86		3.48		
	Number of Species				20					
	Number of Hybrids				0					

Species List

River Code: **17-464**	Stream: **West Branch Nimishillen Creek**	Sample Date: **2005**
River Mile: **0.10**	Location:	Date Range: 08/10/2005
Time Fished: 3554 sec	Drainage: 46.5 sq mi	
Dist Fished: 0.26 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Rainbow Trout	E		N		1	1.15	0.24	0.40	6.44	350.00
Northern Hog Sucker	R	I	S	M	4	4.62	0.97	1.53	24.38	331.25
White Sucker	W	O	S	T	37	42.69	9.00	2.63	41.85	61.48
Common Carp	G	O	M	T	1	1.15	0.24	0.03	0.45	24.00
Western Blacknose Dace	N	G	S	T	37	42.69	9.00	0.11	1.82	2.68
Creek Chub	N	G	N	T	3	3.46	0.73	0.01	0.13	2.33
Yellow Perch			M		1	1.15	0.24	0.01	0.08	4.00
Greenside Darter	D	I	S	M	6	6.92	1.46	0.05	0.85	7.67
Rainbow Darter	D	I	S	M	3	3.46	0.73	0.01	0.08	1.33
Fantail Darter	D	I	C		1	1.15	0.24	0.00	0.03	2.00
Mottled Sculpin		I	C		317	365.77	77.13	1.50	23.92	4.10
Mile Total					411	474.23		6.27		
Number of Species					11					
Number of Hybrids					0					

Species List

River Code: **17-479**	Stream: **McDowell Ditch**	Sample Date: **2003**
River Mile: **1.90**	Location:	Date Range: 07/17/2003
Time Fished: 1813 sec	Drainage: 11.3 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	50	150.00	28.90			
Western Blacknose Dace	N	G	S	T	24	72.00	13.87			
Creek Chub	N	G	N	T	48	144.00	27.75			
Common Shiner	N	I	S		13	39.00	7.51			
Bluntnose Minnow	N	O	C	T	30	90.00	17.34			
Green Sunfish	S	I	C	T	4	12.00	2.31			
Bluegill Sunfish	S	I	C	P	2	6.00	1.16			
Johnny Darter	D	I	C		2	6.00	1.16			
	Mile Total				173	519.00				
	Number of Species				8					
	Number of Hybrids				0					

Species List

River Code: **17-479**	Stream: **McDowell Ditch**	Sample Date: **2003**
River Mile: **1.90**	Location:	Date Range: 07/17/2003
Time Fished: 1813 sec	Drainage: 11.3 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	50	150.00	28.90			
Western Blacknose Dace	N	G	S	T	24	72.00	13.87			
Creek Chub	N	G	N	T	48	144.00	27.75			
Common Shiner	N	I	S		13	39.00	7.51			
Bluntnose Minnow	N	O	C	T	30	90.00	17.34			
Green Sunfish	S	I	C	T	4	12.00	2.31			
Bluegill Sunfish	S	I	C	P	2	6.00	1.16			
Johnny Darter	D	I	C		2	6.00	1.16			
	Mile Total				173	519.00				
	Number of Species				8					
	Number of Hybrids				0					

Species List

River Code: **17-481**	Stream: **Zimber Ditch**	Sample Date: **2005**
River Mile: **2.40**	Location:	Date Range: 08/10/2005
Time Fished: 2954 sec	Drainage:	
Dist Fished: 0.19 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	122	192.63	17.23			
Western Blacknose Dace	N	G	S	T	118	186.32	16.67			
Creek Chub	N	G	N	T	185	292.11	26.13			
Common Shiner	N	I	S		17	26.84	2.40			
Fathead Minnow	N	O	C	T	18	28.42	2.54			
Bluntnose Minnow	N	O	C	T	25	39.47	3.53			
Central Stoneroller	N	H	N		56	88.42	7.91			
Yellow Bullhead		I	C	T	5	7.90	0.71			
Smallmouth Bass	F	C	C	M	1	1.58	0.14			
Largemouth Bass	F	C	C		12	18.95	1.69			
Green Sunfish	S	I	C	T	40	63.16	5.65			
Bluegill Sunfish	S	I	C	P	1	1.58	0.14			
Johnny Darter	D	I	C		59	93.16	8.33			
Fantail Darter	D	I	C		45	71.05	6.36			
Mottled Sculpin		I	C		2	3.16	0.28			
Brook Stickleback		I	C		2	3.16	0.28			
	Mile Total				708	1,117.90				
	Number of Species				16					
	Number of Hybrids				0					

Species List

River Code: **17-484**	Stream: **Swartz Ditch**	Sample Date: **2003**
River Mile: **1.20**	Location:	Date Range: 07/01/2003
Time Fished: 1692 sec	Drainage: 10.2 sq mi	
Dist Fished: 0.10 km	Basin: Muskingum River No of Passes: 1	Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Central Mudminnow		I	C	T	2	6.00	1.19			
White Sucker	W	O	S	T	65	195.00	38.69			
Common Carp	G	O	M	T	7	21.00	4.17			
Creek Chub	N	G	N	T	27	81.00	16.07			
Fathead Minnow	N	O	C	T	1	3.00	0.60			
Bluntnose Minnow	N	O	C	T	12	36.00	7.14			
Yellow Bullhead		I	C	T	4	12.00	2.38			
Brown Bullhead		I	C	T	1	3.00	0.60			
Rock Bass	S	C	C		1	3.00	0.60			
Green Sunfish	S	I	C	T	6	18.00	3.57			
Bluegill Sunfish	S	I	C	P	10	30.00	5.95			
Yellow Perch			M		25	75.00	14.88			
Greenside Darter	D	I	S	M	1	3.00	0.60			
Mottled Sculpin		I	C		5	15.00	2.98			
Brook Stickleback		I	C		1	3.00	0.60			
	Mile Total				168	504.00				
	Number of Species				15					
	Number of Hybrids				0					

Species List

River Code: **17-484**	Stream: **Swartz Ditch**	Sample Date: **2003**
River Mile: **0.20**	Location:	Date Range: 07/01/2003
Time Fished: 2771 sec	Drainage: 15.5 sq mi	
Dist Fished: 0.16 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Central Mudminnow		I	C	T	2	3.75	0.50			
White Sucker	W	O	S	T	115	215.63	28.82			
Western Blacknose Dace	N	G	S	T	3	5.63	0.75			
Creek Chub	N	G	N	T	86	161.25	21.55			
Bluntnose Minnow	N	O	C	T	81	151.88	20.30			
Yellow Bullhead		I	C	T	2	3.75	0.50			
Rock Bass	S	C	C		7	13.13	1.75			
Largemouth Bass	F	C	C		3	5.63	0.75			
Green Sunfish	S	I	C	T	18	33.75	4.51			
Bluegill Sunfish	S	I	C	P	10	18.75	2.51			
Pumpkinseed Sunfish	S	I	C	P	1	1.88	0.25			
Yellow Perch			M		35	65.63	8.77			
Johnny Darter	D	I	C		1	1.88	0.25			
Greenside Darter	D	I	S	M	4	7.50	1.00			
Mottled Sculpin		I	C		31	58.13	7.77			
	Mile Total				399	748.13				
	Number of Species				15					
	Number of Hybrids				0					

Species List

River Code: **17-486**	Stream: **Trib. to E. Br. Nimishillen Cr (RM 4.67)**	Sample Date: **2003**
River Mile: **0.20**	Location:	Date Range: 07/15/2003
Time Fished: 1624 sec	Drainage: 9.5 sq mi	
Dist Fished: 0.11 km	Basin: Muskingum River No of Passes: 1	Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	30	81.82	7.30			
Western Blacknose Dace	N	G	S	T	56	152.73	13.63			
Creek Chub	N	G	N	T	178	485.46	43.31			
Fathead Minnow	N	O	C	T	2	5.46	0.49			
Bluntnose Minnow	N	O	C	T	69	188.18	16.79			
Central Stoneroller	N	H	N		24	65.46	5.84			
Largemouth Bass	F	C	C		2	5.46	0.49			
Green Sunfish	S	I	C	T	8	21.82	1.95			
Johnny Darter	D	I	C		5	13.64	1.22			
Rainbow Darter	D	I	S	M	31	84.55	7.54			
Fantail Darter	D	I	C		6	16.36	1.46			
	Mile Total				411	1,120.91				
	Number of Species				11					
	Number of Hybrids				0					