

Table A8-34(a-c). Presence/absence and CPUE of larval and YOY fishes in samples collected from Onondaga Lake from 2000-current year.

a) Larvae Seines (# per seine haul). Note littoral sampling for larval fish was discontinued after 2003.

Species	Notes	2000	2001	2002	2003
Alewife		0.03			0.01
Banded killifish		0.06		0.27	0.45
Brook silverside		16.9	3.8	43.6	2.8
Carp		1.1	15.8	1.9	18.9
Crappie sp.		0.01			0.01
Fathead minnow		0.1			
Freshwater drum		0.58		<0.01	
Gizzard shad		0.36		0.02	
Golden shiner		0.93	0.1	0.45	0.47
Johnny darter		<0.01	0.1		
Largemouth bass		0.01		<0.01	
Lepomis	1	17.22	3.2	36.2	45.3
Logperch		0.02			
Longnose dace		<0.01			
Shorthead redhorse		<0.01			
Tessellated darter		<0.01			
Trout perch				0.03	
White perch		0.19		<0.01	
White sucker		1.4	3.7		
Yellow perch		0.66	0.5	0.2	1.8
Richness	2	20	8	12	9

Notes:

- 1 - Lepomis are likely a combination of both bluegill and pumpkinseed.
 2 - Richness assumes Lepomis is composed both bluegill and pumpkinseed

Table A8-34(a-c). Presence/absence and CPUE of larval and YOY fishes in samples collected from Onondaga Lake from 2000-current year (continued).

b) Larvae Trawls (#/ m3). Note: trawls in 2000 were done at night. Trawls in 2001 and 2002 were done during the day.

Species	Notes	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Alewife						0.0041	0.0522	0.0004	0.0205	0.0237	0.0478	0.0303	0.0143	
Bluegill									0.0080	0.0299	0.0025	0.0048		
Brook silverside						0.0020								
Carp				0.0050			0.0030							
Freshwater drum		0.31	0.01	0.0310						0.0028				
Gizzard shad	3	2.472	0.49	0.8500	0.0590	0.0271		0.0147		0.0330	0.0026			
Lepomis	1	0.382	0.01	0.3440	0.0950	0.0019	0.0028	0.0047						
Logperch		<0.01												
Pumpkinseed									0.0025	0.0220	0.0074	0.0073		
White perch		0.027	0.04	0.0480							0.0025			
White sucker			0.07											
Yellow perch			0.14	0.019			0.0031				0.0074			
Richness		2	5	6	6	2	4	4	3	3	5	6	3	1

Notes:

- 1 - Lepomis are likely a combination of both bluegill and pumpkinseed.
- 2 - Richness assumes Lepomis is composed both bluegill and pumpkinseed
- 3 - Gizzard shad cpue in 2000 trawls is a combination of gizzard shad (0.017) and herring family (2.46).

Table A8-34(a-c). Presence/absence and CPUE of larval and YOY fishes in samples collected from Onondaga Lake from 2000-current year (continued).

c) Young-of-the-Year (# per seine haul)

Species	Notes	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Banded killifish*						0.07	0.54		0.26				
Bluntnose minnow*								0.01					
Brook silverside*													
Brook stickleback*													
Brown bullhead			0.03	0.02	0.03		0.20		0.01	2.67	0.12	0.06	0.34
Carp		0.02	0.03	0.48	0.63	0.64	0.33		0.03	0.17	0.37	0.01	0.02
Channel catfish				0.02									
Emerald shiner*													
Fathead minnow*													
Gizzard shad		70.30	26.10	0.03	2.70	1.98	0.02			0.10			0.12
Golden shiner*							0.02		0.01	4.91	0.17	0.03	
Johnny darter*													
Largemouth bass		1.50	4.30	5.00	1.90	6.87	16.99	5.10	7.81	1.21	1.39	5.24	3.52
Lepomis	1	25.20	92.40	157.00	42.20	16.12	33.36	4.64	7.66	7.31	0.16	0.03	0.04
Logperch*													
Longnose gar		0.02				0.01							
Northern hogsucker		0.02											
Pumpkinseed								0.01		0.02		0.09	0.03
Rock bass							0.07	0.04	0.06	0.10	0.01		
Smallmouth bass		2.70	3.30	1.10	0.70	1.57	4.01	0.50	0.53	0.31	0.18	0.04	0.06
Tessellated darter*							0.02						
White perch		2.60	0.60	0.13	0.12	0.02				0.01	0.07		
White sucker		0.06	0.15	0.02							0.07		0.01
Yellow perch			5.60	0.03			0.13			0.01			
Richness	2	14	18	17	15	14	14	11	10	17	17	16	15

Notes:

1 - Lepomis are likely a combination of both bluegill and pumpkinseed.

2 - Richness assumes Lepomis is composed both bluegill and pumpkinseed

* denotes species that are difficult to distinguish in the YOY stage due to their small size as adults. These species are assumed to be present as YOY if captured in littoral seines, but a CPUE is not included because the catch may include both YOY and adults.