Table A8-3(a-c). Whole Lake Electrofishing CPUE and relative abundance in 2011 for each sampling event (spring and fall).

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated, instead carp within netting distance are counted while still in the water.

a.) 2011 Entire year

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Alewife	1898.4	314.1	12163	57.3%	-
Gizzard shad	1080.7	389.1	6332	32.6%	-
Yellow perch	106.0	12.4	1292	3.2%	31.8%
Pumpkinseed	48.8	8.8	597	1.5%	14.6%
Brown bullhead	42.1	3.6	502	1.3%	12.6%
White perch	26.8	4.1	167	0.8%	8.0%
Largemouth bass	20.9	2.5	254	0.6%	6.3%
Carp	18.9	3.2	118	0.6%	5.7%
Bluegill	17.6	3.5	219	0.5%	5.3%
White sucker	15.6	2.2	100	0.5%	4.7%
Golden shiner	10.2	3.5	61	0.3%	3.1%
Round goby	4.5	3.7	30	0.1%	1.4%
Smallmouth bass	3.9	0.9	47	0.1%	1.2%
Freshwater drum	3.9	1.4	22	0.1%	1.2%
Rock bass	2.9	0.7	36	0.1%	0.9%
Longnose gar	2.6	0.9	17	0.1%	0.8%
Bowfin	2.0	0.7	13	0.1%	0.6%
Northern pike	1.9	0.4	23	0.1%	0.6%
Walleye	1.6	0.5	21	0.1%	0.5%
Tiger muskellunge	1.1	0.3	14	0.0%	0.3%
Shorthead redhorse	1.1	0.6	8	0.03%	0.3%
Channel catfish	0.6	0.3	6	0.02%	0.17%
Rudd	0.4	0.3	2	0.01%	0.11%
Yellow bullhead	0.3	0.1	3	0.01%	0.08%

Table A8-3(a-c). Whole Lake Electrofishing CPUE and relative abundance in 2011 for each sampling event (spring and fall). (continued)

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated, instead carp within netting distance are counted while still in the water.

b.) 2011 Spring

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Alewife	1621.8	252.5	5294	77.9%	-
Yellow perch	116.3	13.8	731	5.6%	32.6%
Gizzard shad	104.0	35.7	331	5.0%	-
Pumpkinseed	48.1	14.7	312	2.3%	13.5%
Brown bullhead	41.7	6.4	250	2.0%	11.7%
White perch	38.3	6.5	124	1.8%	10.7%
Carp	23.5	6.3	74	1.1%	6.6%
Bluegill	18.0	4.6	120	0.9%	5.0%
Largemouth bass	16.2	3.1	105	0.8%	4.6%
White sucker	15.5	2.7	51	0.7%	4.3%
Golden shiner	10.2	4.5	36	0.5%	2.9%
Smallmouth bass	6.7	1.6	41	0.3%	1.9%
Freshwater drum	5.4	2.6	14	0.3%	1.5%
Longnose gar	5.0	1.8	17	0.2%	1.4%
Bowfin	2.3	1.1	8	0.1%	0.6%
Walleye	2.2	0.6	14	0.1%	0.6%
Shorthead redhorse	2.0	1.1	7	0.1%	0.6%
Round goby	1.7	1.7	6	0.1%	0.5%
Rock bass	1.6	0.5	10	0.1%	0.4%
Northern pike	1.5	0.6	10	0.1%	0.4%
Rudd	0.8	0.5	2	0.0%	0.2%
Channel catfish	0.2	0.2	1	0.0%	0.1%
Tiger muskellunge	0.2	0.2	1	0.0%	-

Table A8-3(a-c). Whole Lake Electrofishing CPUE and relative abundance in 2011 for each sampling event (spring and fall). (continued)

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated, instead carp within netting distance are counted while still in the water.

c.) 2011 Fall

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Alewife	2176.4	496.1	6869	48.2%	-
Gizzard shad	2034.5	739.8	6001	45.0%	-
Yellow perch	96.5	16.2	561	2.1%	31.5%
Pumpkinseed	48.5	9.9	285	1.1%	15.8%
Brown bullhead	42.9	4.5	252	1.0%	14.0%
Largemouth bass	25.7	3.6	149	0.6%	8.4%
Bluegill	16.5	2.9	99	0.4%	5.4%
White sucker	15.5	3.7	49	0.3%	5.0%
White perch	14.1	2.9	43	0.3%	4.6%
Carp	13.8	3.5	44	0.3%	4.5%
Golden shiner	9.4	6.1	25	0.2%	3.1%
Round goby	7.3	5.8	24	0.2%	2.4%
Rock bass	4.3	1.2	26	0.1%	1.4%
Freshwater drum	2.6	0.9	8	0.1%	0.9%
Northern pike	2.2	0.6	13	0.1%	0.7%
Tiger muskellunge	2.1	0.6	13	0.1%	0.7%
Bowfin	1.6	0.7	5	0.0%	0.5%
Walleye	1.1	0.5	7	0.0%	0.4%
Smallmouth bass	0.9	0.8	6	0.02%	0.3%
Channel catfish	0.9	0.5	5	0.02%	0.3%
Yellow bullhead	0.5	0.3	3	0.01%	0.2%
Shorthead redhorse	0.3	0.3	1	0.01%	0.1%