

UPPER OHIO NAVIGATION STUDY, PENNSYLVANIA ENVIRONMENTAL APPENDIX

Larval Fish Survey

Larval and Young of Year Fish Survey of the Upper Ohio River System, PA August 2010

Note to Reader:

An important natural resource for which little data previously existed for the Upper Ohio River is larval and Young-of-Year (YOY) fishes. Spawning and early life stages of fish are particularly vulnerable to the variability of river conditions, habitat availability, and water quality; all of which are influenced by the presence of navigation facilities and the effects of the commercial navigation such facilities support. Developing information on fish spawning and nursery areas within the Upper Ohio is important to evaluate the influence of existing and future navigation facilities, and commercial navigation. The study was conducted through the U.S. Geological Survey's Pennsylvania Cooperative Fish and Wildlife Research Unit Program, under the direction of Dr. Jay R. Stauffer, Jr., Distinguished Professor of Ichthyology, Pennsylvania State University.

The primary purpose of this study was to gather and assess information on the presence and distribution of larval and YOY fishes within certain general habitat types found within the study area. The study area ranged between Ohio River mile 40.0 (Pennsylvania–Ohio state line) and the first navigation structures on the Allegheny and Monongahela rivers. Within this study area, certain representative aquatic habitats, including those found around islands, their associated backchannels, tributary mouths, and an embayment just above Montgomery Dam were sampled. Initial sampling was conducted in 2008, with periodic sampling continuing through 2009.

Survey results included species descriptions, keys, and colored images of captured individuals, including eight current or candidate Species of Special Concern within Pennsylvania, 11 sport fish species, and 37 other species, totaling 56 species; along with their relative abundance, and spatial and temporal distribution. Species were discussed in light of prior knowledge and research, and how navigation facility improvements might impact species' populations (e.g., the demersal adhesive eggs of darters [*Etheostoma*, *Percina*] often deposited directly below dams could be vulnerable to increased sedimentation). Recommendations were offered for improvements (e.g., addition of artificial spawning structures) and further work associated with collecting early life-stage fishes (e.g., additional surveys using improved collection techniques).



FINAL REPORT

Submitted to: Tom Maier

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Date: August, 2010

Larval and Young of Year Fish Survey of the Upper Ohio River System, PA

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EXECUTIVE SUMMARY

A feasibility level study was designed by the US Army Corps of Engineers to determine possible impacts of lock and dam improvements on fish reproduction in the Ohio River near Pittsburgh. The study was designed to answer the following questions:

- 1) Which fish species are reproducing in the study area, and what is the relative abundance of the larvae and young-of-year?
- 2) What types of habitat (i.e., embayment, tributary mouths, island back-channels, mid-channels, channel borders, littoral zones) are used for spawning and nursery areas seasonally?
- 3) What may determine habitat for successful reproduction and nursery areas (e.g., substrate, flow, temperature, water quality, and depth)?
- 4) What factors may restrict survival and recovery of threatened or endangered fish species?
- 5) What habitat restoration opportunities might address limiting factors identified by this study or existing literature?

To answer these questions the following goals were established: to describe species presence, composition, and relative abundance; to describe their spatial and temporal distribution; to evaluate study findings in light of prior knowledge and research; and to make recommendations for further work associated with the interpretation of such data, and how navigation facility improvements might impact species' populations.

We sampled between Ohio River mile 40.0 (Pennsylvania-Ohio state line) upstream to the first navigation structures on the Allegheny and Monongahela rivers. We gathered information on the presence and distribution of larval and young of the year (YOY) fishes within certain general habitat types found within the study area.

We sampled fishes with electric trawls, meter nets, light traps, and seines. During August/September, 2008, March/April, 2009, June/July, 2009, August/September, 2009, and October, 2009 we collected and identified 34,754 individuals distributed among 56 species. We collected 13,279 individuals in Emsworth Pool, 3,978 individuals in Dashields Pool, 9,623 individuals in Montgomery Pool, and 7,874 individuals in New Cumberland Pool.

The Silver Chub, *Macrhybopsis storeriana*, is the only species captured in the survey that is listed as endangered by the Pennsylvania Fish and Boat Commission (<http://www.pacode.com/secure/data/058/chapter75/chap75toc.html>). We found this species widely distributed throughout all the pools and captured young-of-year/larvae in all of the pools. Because they are broadcast spawners, we doubt that disturbance of the substrate will smother eggs; however, increased turbidity may affect the ability of larvae to feed and survive.

We collected five species listed by the Pennsylvania Fish and Boat Commission as threatened, including the Mooneye (*Hiodon alosoides*), Goldeye (*Hiodon tergisus*), Skipjack Herring (*Alosa chrysochloris*), Bluebreast Darter (*Etheostoma camurum*), and the Tippecanoe Darter (*Etheostoma tippecanoe*). Additionally, we collected the River Darter (*Percina shumardi*), which is not listed by the Pennsylvania Fish and Boat Commission, but is a recent record for the Commonwealth; thus we anticipate that it will be listed in the near future. Finally, we collected one candidate species, the Bowfin (*Amia calva*). We concluded that all of the above species spawn within the study area.

Identification keys are provided for larvae/juveniles/adults for all fish species collected in our surveys. These keys are based on external characters.

Based on the data we collected, we predict that the listed species most vulnerable to proposed navigational facility improvements would be the darters (i.e., genera *Etheostoma*, *Percina*). These species spawn primarily in the shallow swift moving water found directly below the dams in the study area during the spring/early summer. They deposit demersal adhesive eggs, thus their spawn would be more vulnerable to increased sedimentation than the other species, which are primarily pelagic spawners.

We demonstrated that a variety of gears were needed to adequately sample the larval and young-of-year fishes. We captured many more fishes with the benthic electrified trawl than with the other gears used; however, the only Bowfin collected was with a surface meter net. Additionally, we concluded that seines were much more effective in collecting larval and young-of-year fishes than light traps within our study area. We believed that the barge traffic within the pools created wave surges along the shoreline that disrupt the effectiveness of the light traps to collect and hold larval fishes.

Since the mid 1900's, the use of artificial structures has been used in freshwater habitats to provide spawning areas to increase natural production, provide cover for survival of juvenile fishes, and increase catch per unit effort of anglers. It is therefore recommended that the Army Corps of Engineers (ACE) implement the use of artificial structures to increase production and survival of selected fish species (e.g., species of special concern and game fishes).

Research was conducted through the support of the US ACE Pittsburgh district.

INTRODUCTION

The U.S. Army Corps of Engineers, Pittsburgh District, is conducting a feasibility-level study examining modernization of the three locks and dams on the Ohio River in Pennsylvania (Emsworth, Dashiels, and Montgomery locks & dams). The congressionally designated title of this study is, “Upper Ohio Navigation Study, Pennsylvania.” Of primary concern is the deteriorating structural condition of these three oldest navigation facilities on the Ohio River, dating from 1922. Adequacy of lock chamber capacity to accommodate future commercial navigation needs is a secondary concern. As part of the feasibility study, the Pittsburgh District will also investigate opportunities for ecosystem restoration projects in association with, or independent of, any proposed navigation improvements. The formulation process will entail compliance with federal environmental laws and executive orders.

To support both compliance and ecosystem restoration planning, the Pittsburgh District is compiling known information on the status and condition of biological and physical resources in the study area. Where data gaps exist, the District will assess the need for studies to collect data. Little data currently exists for larval and young-of-year (YOY) fishes resident in the Upper Ohio River. Environmental scoping discussions indicate that spawning and early life stages are particularly vulnerable to habitat availability and variability of river conditions, which navigation facilities and commercial navigation influence. Development of information on fish spawning and nursery areas within the Upper Ohio River is important in evaluating the influence of existing and future navigation facilities and commercial navigation.

Information about the early life history of fishes is necessary to understand the potential sources of recruitment into adult populations (Gulland 1982, Quist et al. 2004a,b). The larval stages of most fishes are considered to be the most vulnerable and sensitive portion of the life history to anthropogenic changes. Documenting changes in abundance and distribution provide insight into location of spawning from which inferences of the sources of recruitment in addition to the severity of anthropogenic disturbances (Parker and Franzin 1991, Donald 1997) can be made.

To date, little information is available on the abundance and distribution of larval fishes in the Allegheny, Monongahela, and Ohio rivers near Pittsburgh. Comprehensive volumes have been prepared, however that aid in the identification of larval Acipenseridae through Esocidae (Wallus et al. 1990), Catostomidae (Kay et al. 1994), Ictaluridae (Simon and Wallus (2004), Percidae (Simon and Wallus 2006), Aphredoderidae through Cottidae, Moronidae, and Sciaenidae (Wallus and Simon 2006), and Elasmobranchidae and Centrarchidae (Wallus and Simon 2008).

The Pittsburgh District of the Army Corps of Engineers designed a study to answer the following questions:

- 1) Which fish species are reproducing in the study area, and what is the relative abundance of the larvae and young-of-year?
- 2) What types of habitat (i.e., embayment, tributary mouths, island back-channels, mid-channels, channel borders, littoral zones) are used for spawning and nursery areas seasonally?
- 3) What may determine habitat for successful reproduction and nursery areas (e.g., substrate, flow, temperature, water quality, and depth)?
- 4) What factors may restrict survival and recovery of threatened or endangered fish species?
- 5) What habitat restoration opportunities might address limiting factors identified by this study or existing literature?

The goals defined in the Research Work Order to answer these questions were:

- 1) Describe species presence, composition, and relative abundance
- 2) Describe their spatial and temporal distribution
- 3) Evaluate study findings in light of prior knowledge and research
- 4) Make recommendations for further work associated with the interpretation of such data, and how navigation facility improvements might impact species' populations.

To address the goals and in turn answer the research questions, we gathered and assessed information on the presence and distribution of larval and young of the year (YOY) fishes within certain general habitat types found within the study area. We documented species presence, composition, and relative abundance, and in so doing described their spatial and temporal distribution, evaluated study findings in light of prior knowledge and research, and made recommendations for further work associated with the interpretation of such data.

We sampled between Ohio River mile 40.0 (Pennsylvania-Ohio state line) upstream to the first navigation structures on the Allegheny and Monongahela rivers. The study area included a number of islands, associated backchannels, tributary mouths, and an embayment just above Montgomery Dam. We collected fish samples in each of these habitat types; however, the lock chambers and the "Restricted Areas" in the immediate vicinity of each of the navigation structures were off-limits for sampling, with the exception of the Montgomery Embayment, after approval of the lockmaster was obtained.

We developed information that would be compatible with the District's Geographical Information System (GIS) database of the study area, so that the results of the field sampling could be incorporated into the database. The field tasks were conducted using differential Global Positioning System (dGPS) or comparable augmented equipment for spatial determination of the beginning and ending points of transects and other sampling points.

METHODS

We collected fishes at 29 stations in the New Cumberland Pool, Emsworth Pool, Dashields Pool, and Montgomery Pool (Fig. 1; Appendix I).



Figure 1. Larval fish collection stations. Detailed maps included in Appendix I.

In order to determine from where YOY were being recruited we sampled from the following general habitat types: below dams, above dams, mid-pool, island back channels, tributaries, and embayments. At all stations we sampled littoral zones and channels when present.

For habitat types below dams, above dams, and mid-pool within the main river, we sampled the right descending bank (RDB), right channel (RC), left channel (LC), and left descending bank (LDB). For the other three general habitat types we attempted to use the same methodology. However the methodology occasionally needed to be modified because of the specifics of the station. For instance MC was used to code for sampling within the mid-channel particularly where the channel was narrow or when sampling either RC or LC was not possible (boat/ barge traffic, debris, etc. prevented sampling). Attempts were made to sample all zones of interest found within the station and collections were coded accordingly.

Attempts were made to use the same methodology for island back channels as for main river stations. However most were narrow and shallow and some contained debris that required modification to the protocol. Attempts were made to sample all zones of interest found within the station and collections were coded accordingly.

Tributaries fit into one of two categories navigable and non-navigable. Navigable tributaries were sampled just below the first riffle. Again attempts were made to sample all zones of interest that were present at the station and coded accordingly. The only navigable tributary that fit the main river mold was the Beaver River. The other navigable tributaries Chartiers Creek, Raccoon Creek, and Beaver Creek are all small and shallow and do not contain all of the zones of interest that are contained in the main river. Different researchers coded differently for the three small navigable tributaries listed. This does not affect the study results. These stations resembled the littoral zones (RDB and LDB) of the main river and data was analyzed as such. The non-navigable tributaries were sampled across their mouths. This often led to two littoral zone collections and one channel collection at the station.

Littoral zones were sampled using the following gear seines, dip-nets, light-traps, meter-nets, and trawls. Collections within the littoral zone were coded as either RDB or LDB.

Benthic-trawl, surface-trawl, and meter-net sampling consisted of three or four collections at each station depending on station specific characteristics. The data tables in the text and appendices only include collections that produced fish. Almost without exception, the absence of a littoral or channel collection column indicates no fish were captured within that zone of interest. To include collections that produced no fish in the tables would lead to cumbersome and confusing tables.

All fish captured were preserved in 10% buffered formalin solution. After rinsing specimens were transferred to ethanol for permanent storage. Laboratory work included identification and verification of preserved specimens.

Identifications were conducted by graduate students familiar with fishes native to PA. Two of the graduate students responsible for identification have taught PSU's PA fish identification class. As stated previously volumes of larval and YOY fish keys are available and were consulted. Any questionable ID's were shown to and verified by Dr. Stauffer. Additionally we conducted sampling outside the scope of the project in October 2009 to aid in identification. Fish captured during October had one full growing season to develop. We were able to use these more developed fish to work backwards through less developed fish to allow/confirm identification of less developed specimens.

During August/September, 2008, we tested the efficacy of the modified trawl to sample larval fishes, familiarized the researchers with the collection stations, compiled a list of resident fish species, tested the use of the light traps, and modified collection methods. The comparison of the meter nets and the trawls in the surface and mid-water habitats began in March 2009.

We constructed Plexiglas light traps and collected fishes at selected stations using 12 hour yellow chemical light-sticks (<http://el.erdc.usace.army.mil/elpubs/pdf/fwev3-1.pdf>). We compared the number and species of fishes collected with the light traps and those collected with seines lined with 800 μ m netting.

We recorded GPS coordinates for the locations of each sample taken at each sampling point. For trawls, we recorded GPS coordinates at start and finish of each trawl. We also recorded date, time, tow duration, tow-line length, and average river depth. GPS data is available upon request.

We used a variety of gears for all samples taken in 2009 (Table 1).

Table 1. Gear for Larval and young-of-year surveys.

Boats	Fishing Gear
20' Boston Whaler with 150 hp	2 electric benthic trawls 8' - 800 μ m mesh
20' jon boat with 90 hp	2 electric surface trawls 8' - 800 μ m mesh
16' jon boat with 25 hp	2 replacement trawls 8' - 800 μ m mesh
Electro-fishers and generators	2 meter net units with replacement nets
2 Smith-Root Type VI	4 General Oceanics flow-meters
3500 watt Honda generator	40 light traps
6500 watt Honda generator	2 20' seines with 800 μ m mesh
Sonar systems and GPS	Several aquarium dip nets
Hummingbird 787 with GPS, temp	Safety Gear
Hummingbird 797 with GPS, temp, side-scan	2 Standard Horizon HX850S radios
DeLorme Earthmate PN 20	Fire extinguishers for each boat
DeLorme Topo 7	First-aid kits for each boat
Water quality instruments	Life-jackets
Secchi disks	
2 YSI pro series meters	
Aquatic Eco-systems pH Tester 2	

We identified fishes to the lowest practical taxon; counted the number of individuals and species from each sample, and entered all data into Microsoft Excel (2003 ver.) format for access by the District. After analyzing data collected in August/September, 2008, we met with District personnel in April, 2009, and revised the methods as follows.

Revised Methods

We used light traps, metered plankton nets, seines and trawls (benthic, mid-water, and surface water) to determine the presence of fishes, particularly fish larvae and young-of-year (YOY) as described below.

Light traps. Collections were made using floating light traps in very shallow littoral areas (Figure 2). We used light traps to collect fishes in the Montgomery Embayment and at the launch station in each pool except the Emsworth Pool. In the Emsworth Pool we set light traps in the back channel of Herrs Island to minimize the risk of tampering.



Figure 2. Collecting fish from light traps. Traps were lifted from water in a bag of 800 micron seine material to capture fish flushed from the trap by escaping water.

Benthic PSU (electric) Trawls. We used Benthic PSU (electrified) trawls at each station to collect fishes (Figure 3). We previously determined that it was not possible to retrofit trawls with flow meters to determine volume of water passing through the trawl. We attempted to trawl for 5 minutes at each station, but bottom structures reduced trawl-time to 2 minutes on occasion. We trawled on the right and left descending banks and at least one in the mid-channel (LC and RC if possible) directly below the upstream dam and above the downstream dam. Additionally, at the island and tributary sites, we attempted to do at least three trawls.

Metered Plankton Nets, Mid-water, and Surface Water PSU Trawls. We used metered plankton nets (Figure 4) and surface water trawls (Figure 5) at each station. We retrofitted plankton nets with flow meters to determine the volume of water surveyed. Duration of each survey was 5 minutes. Additionally, we sampled with mid-water trawls, when water depths were greater than 10 m. We did at least three collections with each gear type at each station.



Figure 3. Collecting with the Benthic Electric Trawl. Trawl net is towed along the bottom to capture benthic fishes in deepwater habitats that otherwise are inaccessible.



Figure 4. Collecting surface waters with the meter nets. Meter nets contain a flow meter mounted inside the net to determine the volume of water passing through and are used to capture fishes swimming on or near the surface.



Figure 5. Suspending the surface trawl with floats. The benthic trawl has been modified to allow electrified sampling of fishes swimming on or near the surface.

RESULTS

During 2008, March/April, June/July, August/September, and October 2009 we collected and identified 34,754 individuals distributed among 56 species. We collected 13,279 individuals in the Emsworth Pool (Table 2), 3978 individuals in the Dashields Pool (Table 3), 9623 individuals in Montgomery Pool (Table 4), and 7874 individuals in New Cumberland Pool (Table 5). We developed identification keys for the larvae, juvenile, and adult fishes (Appendix II).

Table 2. Total number of fishes collected by all gear types in the Emsworth Pool.

	August 2008		September 2008		March 2009		June 2009		August 2009		October 2009	
	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals
Dip Net	0	0	0	0	0	0	0	0	0	0	0	0
Light Trap	0	0	0	0	2	2	0	0	1	1	0	0
Meter Net					0	0	4	10	3	12	0	0
Surface Trawl	0	0	0	0	1	1	4	22	3	54	1	4
Benthic Trawl	10	609	13	1063	20	630	26	2706	21	2328	13	700
Seine					7	80	14	1423	19	2752	4	882
Total # of Taxa	10		13		22		19		29		13	
Total # of Individuals	609		1063		713		4161		5147		1586	

Table 3. Total number of fishes collected by all gear types in the Dashields Pool.

	August 2008		September 2008		March 2009		June 2009		August 2009		October 2009	
	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals
Dip Net	3	248	0	0	1	1	3	11	0	0	0	0
Light Trap	0	0	0	0	3	17	3	34	2	2	0	0
Meter Net					0	0	1	8	4	8	0	0
Surface Trawl	0	0	0	0	1	1	0	0	1	3	0	0
Benthic Trawl	7	160	13	1010	4	42	12	119	18	495	8	153
Seine					3	218	9	700	9	371	4	377
Total # of Taxa	8		13		7		10		25		11	
Total # of Individuals	408		1010		279		872		879		530	

Table 4. Total number of fishes collected by all gear types in the Montgomery Pool.

	August 2008		September 2008		March 2009		June 2009		August 2009		October 2009	
	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals
Dip Net	1	17	0	0	0	0	1	7	0	0	0	0
Light Trap	0	0	0	0	2	27	8	26	4	40	0	0
Meter Net					0	0	1	1	4	52	1	1
Surface Trawl	0	0	0	0	1	1	10	114	9	60	0	0
Benthic Trawl	0	0	19	744	11	366	20	337	26	899	15	238
Seine					10	2222	18	725	20	1684	9	2062
Total # of Taxa	1		19		18		19		36		19	
Total # of Individuals	17		744		2616		1210		2735		2301	

Table 5. Total number of fishes collected by all gear types in the New Cumberland Pool.

	August 2008		September 2008		March 2009		June 2009		August 2009		October 2009	
	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals	# of Taxa	# of Individuals
Dip Net	1	49	2	8	1	1	0	0	0	0	0	0
Light Trap	3	15	0	0	4	15	2	4	1	2	0	0
Meter Net					2	29	0	0	2	13	0	0
Surface Trawl	0	0	0	0	1	4	0	0	2	2	1	1
Benthic Trawl	11	270	16	778	10	102	14	238	20	765	7	259
Seine					8	172	20	1264	13	1281	5	2602
Total # of Taxa	12		17		13		22		24		10	
Total # of Individuals	334		786		323		1506		2063		2862	

Electrified trawls (benthic and surface). We collected 4,634 fishes represented by 29 species during 2008. We collected 609 individuals represented by 10 species in the Emsworth Pool on 18 August, 2008 (Appendix III; Table 1) and 1,063 individuals represented by 13 species in September and October 2008 (Appendix III; Table 2). We collected 160 individuals represented by 7 species in Dashields Pool on 17 August, 2008 (Appendix III; Table 3) and 1,010 individuals represented by 13 species on 25 September, 2008 (Appendix III, Table 4). (Collections in August in the Montgomery Pool were not possible because heavy boat traffic interfered with our collecting regime; thus the following data were obtained in September.) We collected 744 fish represented by 19 species in Montgomery Pool on 26 September, 2008 (Appendix III; Table 5). In the New Cumberland Pool, we collected 270 individuals represented by 11 species on 11-13 August, 2008 (Appendix III, Table 6) and 778 fish represented by 16 species on 11 September (Appendix III, Table 7).

During March and April, 2009, we collected 1,147 fishes represented by 25 species. We collected 631 individuals and 20 species in the Emsworth Pool (Appendix IV, Table 1), 43 individuals and 4 species in the Dashields Pool (Appendix IV, Table 2), 367 individuals and 11 species in the Montgomery Pool (Appendix IV, Table 3), and 106 individuals and 10 species in the New Cumberland Pool (Appendix IV, Table 4).

We collected 3,536 fishes represented by 33 species during June, 2009. We collected 2,728 individuals and 26 species in the Emsworth Pool (Appendix V, Table 1), 119 individuals and 12 species in the Dashields Pool (Appendix V, Table 2), 451 individuals and 22 species in the Montgomery Pool (Appendix V; Table 3), and 238 individuals and 14 species in the New Cumberland Pool (Appendix V, Table 4).

We collected 4,606 fishes distributed among 38 taxa during August, 2009. We collected 2,382 individuals and 22 species in the Emsworth Pool (Appendix VI; Table 1), 498 individuals and 18 species in the Dashields Pool (Appendix VI; Table 2), 959 individuals and 28 taxa in the Montgomery Pool (Appendix VI, Table 3), and 767 individuals and 21 species in the New Cumberland Pool (Appendix VI, Table 4).

We collected 1,355 fishes distributed among 19 taxa during October, 2009. We collected 704 individuals and 13 species in the Emsworth Pool (Appendix VII; Table 1), 153 individuals and 8 species in the Dashields Pool (Appendix VII; Table 2), 238 individuals and 15 species in the Montgomery Pool (Appendix VII, Table 3), and 260 individuals and 7 species in the New Cumberland Pool (Appendix VII, Table 4).

The trawls and meter nets yielded no larval or YOY fishes in March/April; however, we collected spawning suckers (Castostomidae) in the riffles that occur just below the dams. Just downstream of the suckers we captured catfish that were possibly feeding on sucker eggs. Additionally, several female darters were captured that were ripe with eggs. Sampling in June and August, 2009 yielded larval fishes at all stations (Appendix V; Appendix VI).

Light traps vs. seines and dip nets. We collected no larval fish in light traps, dip nets, and seines in March, 2009. From June through October 2009, we collected total of 109 individuals represented by 13 species in light traps, 20 individuals represented by 3 species in dip nets, and 18,815 individuals represented by 35 species in seines (Tables 6, 7, and 8).

During June and July 2009, we captured 64 individuals in light traps, 18 individuals in dip nets, and 4112 individuals in seines (Table 6). In August 2009, we captured 45 individuals in light traps, no individuals in dip nets, and 6,088 individuals in seines (Table 7). In October 2009, we captured no individuals in light traps, no individuals in dip nets, and 5,923 individuals in seines (Table 8).

Table 6. Fish caught in Light Traps, Dip Nets, and Seines, June, 2009.

Genus	Species	Emsworth						Dashields						Montgomery						New Cumberland					
		LT		DN		S		LT		DN		S		LT		DN		S		LT		DN		S	
		1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY
Lepisosteus	osseus						4																		19
Clupeidae	sp						1																		
Esocidae	sp																								2
Campostoma	anomalum					1						3						7							
Cyprinella	spiloptera					20		12				68	19	2				114						69	
Macrhybopsis	storeriana					1																			
Notropis	atherinoides					12	33	3				86						185		3				28	5
Notropis	hudsonius																							1	
Notropis	rubellus																	7							1
Notropis	stramineus					2						9						39						7	
Notropis	volucellus					63						15	27					68						28	1
Pimephales	notatus						5			1		3	1					21	21					139	1
Rhinichthys	obtus						2					1	3						2						1
Cyprinidae	sp																	4							10
Carpoides	sp						10											43							402
Hypentelium	nigricans						3						1					1	10					2	1
Ictiobus	sp						428						106					1							5
Moxostoma	sp						49						95					20							53
Catostomidae	sp						778		19		9		261		1		7		118						418
Fundulus	diaphanus																	1							
Moronidae	sp														1										
Micropterus	dolomieu						4				1														1
Etheostoma	blennioides						1																		2

Etheostoma	caeruleum					2						2						33			1				6
Etheostoma	nigrum					4								1			1	18							1
Etheostoma	zonale																	3							1
Percina	caprodes													8				4							
Percina	copelandi													8				1							2
Percina	shumardi													1			2								1
Sander	sp													1											
Sander	vitreus																	4							
Percidae	sp													3				4							7
Unknown																		4							50
Total						99	1324	15	19	1	10	185	515	2	24		7	445	291	3	1			274	990

Table 7. Fish caught in Light Traps, Dip Nets, and Seines, August, 2009.

		Emsworth						Dashields						Montgomery						New Cumberland					
		LT		DN		S		LT		DN		S		LT		DN		S		LT		DN		S	
		1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY
Alosa	chrysochloris											1													
Dorosoma	cepedianum						502					1						4						3	6
Campostoma	anomalum																1								
Cyprinella	spiloptera					7	100					1					39	4					5	108	
Notropis	atherinoides					104	35					305	25	1	33			863	103				1063	23	
Notropis	hudsonius					1								1											
Notropis	volucellus					55	1553					15		1				98	22				11	36	
Pimephales	notatus					3	127					13	1					214	217				9		
cyprinidae	sp/spp						248																		
Carpiodes	cyprinus																	3							
Hypentelium	nigricans						1											12						4	
Moxostoma	anisurum																	2							
Moxostoma	carinatum																	1							
Moxostoma	erythrurum																	4						1	
Moxostoma	sp						3																		
Ictalurus	punctatus						1																		
Fundulus	diaphanus																4								
Labidesthes	sicculus																40	15							
Ambloplites	rupestris		1																						
Lepomis	macrochirus						3								4			3	18						
Micropterus	dolomieu						4						1		1				6					4	
Micropterus	punctulatus												7						1					1	

<i>Micropterus</i>	<i>salmoides</i>							1									1						
<i>Etheostoma</i>	<i>caeruleum</i>				1																	1	
<i>Etheostoma</i>	<i>nigrum</i>				2						1					6	1						
<i>Etheostoma</i>	<i>zonale</i>					1																	1
<i>Percina</i>	<i>caprodes</i>																						1
<i>Percina</i>	<i>copelandi</i>					1	1									1							4
<i>Aplodinotus</i>	<i>grunniens</i>																1						
Total			1		173	2579	1	1			335	36	2	38		1269	415					1097	184

Table 8. Fish captured in Seines October 2009. No fish were captured in Light Traps or Dip Nets in October 2009.

Genus	Species	Emsworth		Dashields		Montgomery		New Cumberland	
		1+	YOY	1+	YOY	1+	YOY	1+	YOY
Lepisosteus	osseus								
Clupeidae	sp								
Esocidae	sp								
Campostoma	anomalum								
Cyprinella	spiloptera	12	4	45	98	16	26	86	56
Macrhybopsis	storeriana								
Notropis	atherinoides	785	16	119	8	1813	146	2190	3
Notropis	hudsonius								
Notropis	rubellus								
Notropis	stramineus								
Notropis	volucellus	57	0	23	72	32	4	164	91
Pimephales	notatus	7	0	12	0	5	1	9	0
Rhinichthys	obtusum								
Cyprinidae	sp								
Carpionidae	sp								
Hypentelium	nigricans								
Ictiobus	sp								
Moxostoma	sp								
Catostomidae	sp								
Fundulus	diaphanus					2	0		
Labidesthes	sicculus					12	0		
Moronidae	sp								
Lepomis	macrochirus					0	1		
Micropterus	dolomieu								
Etheostoma	blennioides								
Etheostoma	caeruleum	1	0			1	0		
Etheostoma	zonale					1	0		

Seines vs. Light-traps.

During the sampling season of 2009 we conducted a comparison of seines to light traps. During the comparison light-traps were fished over night. In the morning four seine hauls were conducted in close proximity to the light-trap sets.

March and April 2009. A total of 789 individuals were captured in seines and 61 individuals in light-traps at corresponding stations in March and April. We captured a total of 6 species in seines (*C. spiloptera*, *N. atherinoides*, *N. stramineus*, *N. volucellus*, *P. notatus*, and *R. obtuses*). Only 4 species were captured in light-traps (*C. spiloptera*, *N. atherinoides*, *N. volucellus*, and *P. notatus*). No fish were captured in seines in the Montgomery Embayment however 19 *N. atherinoides* and 7 *N. volucellus* were captured in light-traps.

June 2009. In June 586 individuals were captured in seines and 64 individuals in light-traps at the same stations. In seines we captured at least 15 species (*C. anomalum*, *C. spiloptera*, *E. caeruleum*, *E. nigrum*, *F. diaphanus*, *H. nigricans*, *L. osseus*, *N. atherinoides*, *N. stramineus*, *N. volucellus*, *P. caprodes*, *P. copelandi*, *P. shumardi*, *P. notatus*, and *R. obtuses*). In addition individuals of the genera *Carpiodes*, *Ictiobus*, and *Moxostoma* were also captured in seines. In light traps we captured at least 7 species (*C. spiloptera*, *E. caeruleum*, *E. nigrum*, *N. atherinoides*, *P. caprodes*, *P. copelandi*, and *P. shumardi*). Additionally individuals of the genera *Morone*, and *Sander* were captured in light-traps. No fish were captured in light-traps at Station 4 however *L. osseus* was captured in seines at Station 4.

August 2009. In seines 750 individuals and in light traps 43 individuals were captured in August at identical stations. We captured individuals from 16 species in seines (*C. anomalum*, *C. spiloptera*, *D. cepedianum*, *E. nigrum*, *F. diaphanus*, *H. nigricans*, *L. sicculus*, *L. macrochirus*, *M. dolomieu*, *M. punctulatus*, *M. salmoides*, *M. anisurum*, *M. erythrurum*, *N. atherinoides*, *N. volucellus*, *P. notatus*). Only 7 species were captured in light-traps (*A. rupestris*, *L. macrochirus*, *M. dolomieu*, *M. salmoides*, *N. atherinoides*, *N. volucellus*, *P. copelandi*). In August now fish were caught in the seines at Station 4 but *A. rupestris* was captured in the light-traps. Also in August no fish were captured in the light-traps at Station 28 but *C. spiloptera*, *H. nigricans*, *M. dolomieu*, *M. punctulatus*, *M. erythrurum*, *N. atherinoides*, *N. volucellus*, and *P. notatus* were captured in seines.

October 2009. Though both light-traps and seines were fished at the Monaca boat launch in October no fish were caught in the light-traps. In the seines 1206 individuals were caught. *C. spiloptera*, *E. caeruleum*, *N. atherinoides*, and *N. volucellus* were captured in close proximity to the light-trap sets but no fish were caught in them.

We also compared light-traps set with 1 light stick to light-traps set with 3 light sticks. Based on a sample of 50 light traps with 1 stick and 50 light traps with 3 sticks there was no significant difference between the two means Table9.

Table 9. T-test to Test the Significance of the Difference between the Mean Number of Fish Captured in Light-traps with 1 Stick and Light-traps with 3 Sticks.

	1 stick	3 sticks
Mean	0.46	0.52
SD	0.93	1.20
N	50	50

Two-tailed p-value = 0.784



Figure 6. Using seine lined with 800 μ m mesh lining.

Meter nets and surface trawls. No larval fishes were captured in the surface trawls and the meter nets in March/April. We captured 18 YOY in the meter nets (Table 10) and 135 in the surface trawls (App V) during June, 2009. Both Mooneye and Goldeye, which are both of Special Concern by the PFBC, were collected in the surface gears. We captured a total of 57 larvae/young-of-year in the meter nets (Table 11) and 107 young-of-year in the surface trawls (App VI) during August, 2009. We captured a larval Bowfin, which is listed as a candidate species by the PFBC, with a meter net in the Emsworth Pool in August 2009. During October, 2009, we captured 1 individual in the meter nets and 5 in surface trawls (Table 12 and App VII). None of the individuals captured in October are from species listed by PFBC.

Table 10. Fish Captured in Meter Nets, June 2009.

Date	Station	Genus	Species	1+	YOY
6/16/2009	8	Catostomidae		0	5
6/16/2009	8	<i>Hiodon</i>	<i>aloides</i>	0	1
6/16/2009	8	<i>Labidesthes</i>	<i>sicculus</i>	0	1
6/16/2009	8	<i>Sander</i>	<i>vitreus</i>	0	1
6/17/2009	9	Unknown		0	1
6/17/2009	10	Unknown		0	1
6/16/2009	12	Cyprinidae		0	8
6/16/2009	21	<i>Cyprinella</i>	<i>spiloptera</i>	1	0
				1	18

Table 11. Fish Captured in Meter Nets, August 2009.

Date	Station	Genus	Species	1+	YOY
8/6/2009	2	<i>Notropis</i>	<i>volucellus</i>	0	2
8/6/2009	3	Unidentifiable	sp	0	1
8/5/2009	7	<i>Notropis</i>	<i>atherinoides</i>	0	2
8/5/2009	7	<i>Notropis</i>	<i>atherinoides</i>	0	2
8/5/2009	8	<i>Amia</i>	<i>calva</i>	0	1
8/5/2009	8	<i>Notropis</i>	<i>atherinoides</i>	0	2
8/5/2009	8	<i>Notropis</i>	<i>volucellus</i>	0	2
8/5/2009	13	<i>Lepomis</i>	<i>macrochirus</i>	0	1
8/5/2009	13	<i>Notropis</i>	<i>atherinoides</i>	0	1
8/5/2009	14	Percidae	sp/spp	0	2
8/5/2009	15	<i>Dorosoma</i>	<i>cepedianum</i>	0	1
8/5/2009	15	<i>Lepomis</i>	<i>macrochirus</i>	0	1
8/5/2009	15	<i>Notropis</i>	<i>atherinoides</i>	0	2
8/3/2009	16	<i>Cyprinella</i>	<i>spiloptera</i>	1	0
8/3/2009	16	<i>Notropis</i>	<i>atherinoides</i>	2	2
8/4/2009	17	<i>Notropis</i>	<i>atherinoides</i>	0	1
8/3/2009	17	<i>Notropis</i>	<i>atherinoides</i>	0	1
8/3/2009	17	Unidentifiable	sp	0	1
8/3/2009	18	Unidentifiable	sp/spp	0	2
8/3/2009	19	<i>Labidesthes</i>	<i>sicculus</i>	0	4
8/3/2009	19	<i>Lepomis</i>	<i>macrochirus</i>	0	1
8/3/2009	20	<i>Notropis</i>	<i>atherinoides</i>	6	0
8/3/2009	20	<i>Notropis</i>	<i>atherinoides</i>	7	0
8/3/2009	20	<i>Notropis</i>	<i>atherinoides</i>	3	0
8/3/2009	21	<i>Cyprinella</i>	<i>spiloptera</i>	1	0
8/3/2009	21	<i>Labidesthes</i>	<i>sicculus</i>	0	17
8/3/2009	21	<i>Notropis</i>	<i>atherinoides</i>	0	3
8/4/2009	24	<i>Dorosoma</i>	<i>cepedianum</i>	0	1

8/4/2009	24	<i>Notropis</i>	<i>atherinoides</i>	8	0
8/4/2009	24	<i>Notropis</i>	<i>atherinoides</i>	0	1
8/4/2009	25	<i>Notropis</i>	<i>atherinoides</i>	0	1
8/4/2009	27	<i>Dorosoma</i>	<i>cepedianum</i>	0	1
8/4/2009	29	<i>Dorosoma</i>	<i>cepedianum</i>	0	1
Totals				28	57

Table 12. Fish Captured in Meter Nets, October 2009.

Date	Station	Genus	Species	1+	YOY
10/17/2009	21	<i>Notropis</i>	<i>volucellus</i>	1	0

Collection of benthic fishes. We collected larval darters in all four pools (Table 14) – larvae of 8 species of darters in Dashields Pool, 11 in Emsworth Pool, 9 in Montgomery Pool, 8 in New Cumberland Pool. For the most part, adult darters were present in the swifter flowing sections of the pools and the larvae were more abundant in the more shallow reaches. We found the Longhead Darter, *Percina macrocephala*, young-of-year only in Emsworth Pool. We collected larvae of the Tippecanoe Darter, *Etheostoma tippecanoe*, only in August in both the Emsworth and New Cumberland pools. We collected River Darter, *Percina shumardi* larvae only in Montgomery and New Cumberland pools. Freedman et al. (2009) recently recorded River Darter for the first time in Pennsylvania, and it may be that as water quality continues to improve, this species will move into the upper two pools. The PFBC recently removed *Percina copelandi* from its list of fishes of Special Concern. This species is reproducing throughout the study area. Other species, such as *E. nigrum*, which is one of the few species of darters that prefer lentic habitats, are locally abundant as evidenced by the capture of over 1000 individuals at a single station in the Emsworth Pool.

Table 13. Number of young-of year darters collected in June and August, 2009.

Pool	Genus	Species	June	August
Dashields	<i>Etheostoma</i>	<i>blennioides</i>	20	1
	<i>Etheostoma</i>	<i>caeruleum</i>	8	2
	<i>Etheostoma</i>	<i>camurum</i>	0	1
	<i>Etheostoma</i>	<i>flabellare</i>	2	0
	<i>Etheostoma</i>	<i>nigrum</i>	10	0
	<i>Etheostoma</i>	<i>tippecanoe</i>	0	3
	<i>Etheostoma</i>	<i>zonale</i>	4	3
	<i>Percina</i>	<i>caprodes</i>	0	1
	<i>Percina</i>	<i>copelandi</i>	50	16
	<i>Percina</i>	<i>shumardi</i>	0	0
Emsworth	<i>Etheostoma</i>	<i>blennioides</i>	11	0
	<i>Etheostoma</i>	<i>caeruleum</i>	107	1
	<i>Etheostoma</i>	<i>camurum</i>	2	4
	<i>Etheostoma</i>	<i>flabellare</i>	23	3
	<i>Etheostoma</i>	<i>nigrum</i>	1544	9
	<i>Etheostoma</i>	<i>tippecanoe</i>	0	2
	<i>Etheostoma</i>	<i>zonale</i>	20	12

Montgomery	<i>Percina</i>	<i>caprodes</i>	168	12
	<i>Percina</i>	<i>copelandi</i>	301	204
	<i>Percina</i>	<i>evides</i>	0	3
	<i>Percina</i>	<i>macrocephala</i>	12	
	<i>Etheostoma</i>	<i>blennioides</i>	3	0
	<i>Etheostoma</i>	<i>caeruleum</i>	18	1
	<i>Etheostoma</i>	<i>camurum</i>	0	1
	<i>Etheostoma</i>	<i>flabellare</i>	1	0
	<i>Etheostoma</i>	<i>nigrum</i>	67	2
	<i>Etheostoma</i>	<i>zonale</i>	3	6
New Cumberland	<i>Percina</i>	<i>caprodes</i>	51	13
	<i>Percina</i>	<i>copelandi</i>	63	53
	<i>Percina</i>	<i>shumardi</i>	2	0
	<i>Etheostoma</i>	<i>blennioides</i>	28	0
	<i>Etheostoma</i>	<i>caeruleum</i>	32	2
	<i>Etheostoma</i>	<i>nigrum</i>	5	0
	<i>Etheostoma</i>	<i>tippecanoe</i>		1
	<i>Etheostoma</i>	<i>zonale</i>	1	15
	<i>Percina</i>	<i>caprodes</i>	20	8
	<i>Percina</i>	<i>copelandi</i>	17	81
	<i>Percina</i>	<i>shumardi</i>	50	0

Water quality data. Water quality data are provided in Tables 15-18. Temperature ranged between 9.3-11.5°C in April, 21.0-24.4°C in June, and 22.2-25.5°C in August 2009 in all of the pools. Dissolved oxygen (DO) was near or above saturation at all stations. Conductivity was similar at all stations, except at station 8 in the Emsworth Pool where it peaked at 1310 uS/cm in August and 786 uS/cm in March and at station 20 in Montgomery Pool where it peaked at 1153 uS/cm in March. Station 8 is at the mouth of Chartiers Creek and at the Monaca Boat Launch in the small unnamed tributary in Montgomery Pool. The pH was at or above 7 at all stations during all sampling events. Secchi disk readings were generally higher in March (0.4-2.4 m) and June (0.5-2.7 m), than in August (0.5-1.25 m). The lowest readings were in the Montgomery Pool.

Table 14. Water quality data collected during the April, 2009 sampling.

Pool	Station	Date	Temp F	Temp C	DO %	DO mg/l	Con uS/cm	pH	Secchi Disk (m)
Emsworth	1	4/23/09		11.3	118.4	13	198.7	7	2.4
	2	4/23/09	51.6	11.7	124	13.44	198.5	7.5	2.3
	3	4/23/09	51.7	12.3	121.2	12.99	6.5	7.5	
	4	4/23/09	50.3	10.7	102.8	11.24	204.3	7	1.75
	5	4/22/09	51.1	10.6	107.4	11.6	205.7	7	1
Dashields	8	4/22/09	51.2	11.9	131.6	13.97	786	8	1.1
	9	4/22/09	51.1	11.7	110.2	11.82	214.3	7.5	1
	10	4/22/09	51.2	11.5	108.5	11.83	91.3	7	1.1
	11	4/22/09	50.9	11.3	122.1	13.08	219.2	7.5	1.5
Montgomery	14	4/24/09	51.7	11.5	120.4	12.95	214.3	7.5	1.6
	15	4/24/09	51.9	11.8	115.7	12.45	197.3	7.5	1.1
	15	4/24/09	51.6	11.9	117.7	12.71	214.5	7.75	1.9
	16	4/19/09	50.6	11.7	113.6	12.23	206.6	7	
	17	4/19/09	50.4	11.1	110.4	10.35	196.6	7	1.45
	18	4/20/09	50.4	11	116.4	12.79	197.3	7	1
	19	4/20/09	51.1	11.5	110.2	11.76	253.9	7	1
	MBL	4/12/09		8.3	95.2	11.24	1153		
	20	4/12/09	48.8	10	116.3	13.14	311		1.5
	21	4/12/09	50.3	10.4	124.6	13.79	478.2		1.7
	22	4/12/09	49.7	11.7	125.9	13.45	233.9		
New Cumberland	23	4/20/09	54.2	12	110.7	11.7	243.2	7.5	0.4
	24	4/21/09	50.9	11.6	119.9	13.1	245.4	7	1.5
	25	4/21/09		11.6	2	0.21	232.9	7	1.1
	26	4/21/09		11.9	122.4	13.13	210	7	1.1

27	4/21/09	51.2	11.8	116.5	12.66	228.6	7.5	1.1
28	4/21/09		9.8	97.2	10.96	315	7.5	0.5
29	4/21/09	51.1	11.3	117.2	12.7	267.9	7	

Table 15 Water quality data collected during the June, 2009 sampling.

Pool	Station	Date	Temp F	Temp C	DO %	DO mg/l	Con uS/cm	pH	Secchi Disk (m)
Emsworth	1	6/17/09	72.2	23	107.7	9.42	306.1	7.6	2
	2								
	3	6/17/09	71.9	22	96	7.64	344.6	7.9	2.75
	4	6/17/09	71.9	22.4	101.4	8.9	308.2	8.3	2
	5	6/16/09	72.6	22.7	108.4	9.54	314.9	7.4	1.1
	6	6/17/09	72.6	23	103.8	9.01	309.9	7.2	1.75
	7	6/17/09	71.9	22.4	100.6	8.79	282.6	7.1	1.75
	8	6/16/09	72.2	23.6	128.4	11.12	1260	8	0.75
	9	6/17/09	71.1	22.2	96.4	8.57	321.5	7.1	2
	10	6/17/09	70.8	22.1	101.5	8.99	319.5	7.3	2.1
	11	6/17/09	71.3	22.2	101.4	8.98	308.7	7.3	1.75
Dashields	12	6/16/09	70.2	21.7	104.3	9.29	293.4	7.4	2
	13	6/16/09	70.5	22.1	109.2	9.66	297.2	7.2	1.75
	14	6/16/09	70.8	22	107.9	9.6	287	7.3	1.75
	15	6/16/09	70.7	21.9	108	9.52	296.1	7.4	2.1
Montgomery	16	6/15/09	69.7	21.4	116.7	10.54	292.8	7.4	1.67
	17	6/15/09	69.5	22	110.4	9.78	307.5	7.6	2
	18	6/15/09	70.5	22.4	119.7	10.54	308.8	7.4	2
	19	6/15/09	71.8	22.8	68.5	6.1	319.1	7.6	0.5
	20	6/14/09		21.9	99.3	8.76	321.8	8.6	1
	20	6/15/09		18.7	107.3	9.48	310.7	8.6	1.75
	20	6/15/09	70.8	22.7	157	11.75	578	8.2	0.5
	21	6/15/09	73.8	21.4	86.9	7.63	1076	7.6	1
	22	6/15/09	72.1	22.9	130	10.31	335.4	7.8	1.5
	23	6/14/09	74.7	24.4	141.3	12.01	349.7	8.9	0.5
	24	6/9/09		21.2	109	10.19	382.2	7.3	1.67

New Cumberland	24	6/10/09	69.2	21.4	115	10.4	353	7.1	
	25	6/9/09		21	104	9.59	384.4	7.1	1.5
	25	6/10/09	69.2	21.4	108	9.8	366	7.1	1.33
	26	6/9/09		21.9	104	21.9	403.5	7.2	1.3
	26	6/10/09	70.6	21.5	109	9.95	382	7	1.2
	27	6/9/09	69.5	24.1	78.4	6.6	419.3	7	1.5
	27	6/10/09	69.4	21.3	110	9.8	385.6	7.1	1.75
	28	6/9/09		23.5	127	10.7		8.2	1
	28	6/10/09	71.1	21.8	69.9	6.29	621	7.8	1
	29	6/9/09		21.7	111	9.95	412	7.2	1.7
	29	6/10/09	69.4	21.5	103.9	9.37	210	7.2	1.3

Table 16. Water quality data collected during the August, 2009 sampling.

Pool	Station	Date	Temp F	Temp C	DO %	DO mg/l	Con uS/cm	pH	Secchi Disk (m)
Emsworth	1	8/6/09	71	22.2	115.4	10.014	192.9	7.46	1.3
	2	8/6/09	71.3	22.4	115.9	10	198	7.54	1.25
	3	8/6/09	71.6	22.5	110.4	9.62	242.5	7.45	1.25
	4	8/6/09	70.5	22.1	99.8	8.64	209.4	7.49	1
	5	8/5/09	77.2	25.4	98.4	8.06	522	7.5	0.75
	6	8/5/09	75.8	25.3	100.9	8.47	484.2	7.51	0.8
	7	8/5/09	73.8	23.7	109.1	9.28	328.2	7.57	0.75
	8	8/5/09	72.2	23	111.3	9.52	1310	8.31	0.8
	9	8/6/09	74.3	23.9	102.3	8.61	333.1	7.5	1
	10	8/6/09	73.8	23.8	101.1	8.55	335.7	7.46	1.25
	11	8/6/09	76	25.5	101.7	8.33	212.1	7.54	1.4
Dashields	12	8/5/09	74.3	24	103.8	8.7	450.6	7.62	1.1
	13	8/5/09	74.3	23.9	107.9	9.03	434.4	7.53	0.33
	14	8/5/09	74	23.8	108.7	9.18	315	7.54	0.8
	15	8/5/09	74	29	102.7	8.65	437.3	7.52	1
Montgomery	16	8/3/09	74.2	24.5	109.7	9.18	359	7.62	0.75
	16	8/3/09	74.3	24.2	110.1	9.21	349.7	7.54	0.75
	17	8/3/09	74.5	24.1	115.7	9.71	352	7.45	0.75
	18	8/3/09	75	24.2	114	9.55	352.3	7.49	0.75
	19	8/3/09	74.7	24.3	111.9	9.3	14.2	7.48	0.75
	20	8/2/09		24.1	100.4	8.45	329.9	7.62	0.5
	21	8/3/09	75.5	22.1	101.5	8.84	754	7.88	1
	22	8/2/09	75	24.5	104.9	8.72	331.3	7.51	0.5
	23	8/2/09	76.6	24.7	104.1	8.55	316.5	7.91	0.5
New Cumberland	23	8/2/09		24.7	100.2	8.29	331.7	7.67	0.75
	24	8/4/09	74.5	24	116.4	9.81	349	7.6	0.75

25	8/4/09	74.2	24.1	114.1	9.58	356.9	7.59	0.75
26	8/4/09	74.8	24.6	110.1	9.02	367.1	7.57	0.5
27	8/4/09	75	24.4	118.4	9.84	361	7.56	0.33
28	8/4/09		22.3	81.2	7.04	497.1	8.3	1
29	8/4/09	74.7	24.1	114	9.56	349	7.61	0.9

Table 17. Water quality data collected during the October, 2009 sampling.

Pool	Station	Date	Temp F	Temp C	DO %	DO mg/l	Con uS/cm	pH	Secchi Disk (m)
Emsworth	1	10/15/09	53.7	12.9	106.8	11.41	260.7	7.94	2.7
	2	10/15/09	53.4	12.8	105.5	11.28	255.8	7.82	2
	3	10/15/09	53.5	12.6	105.2	11.15	270.4	7.93	2.5
	4	10/15/09	53.1	12.5	105.5	11.17	250.2	8.12	2
Dashields	11	10/15/09	55.7	13.8	98.1	10.25	318.6	7.75	1.9
	12	10/16/09	53.9	13.4	96.9	10.08	325.2	7.86	1.9
	12	10/16/09	53.9	13.1	102.7	10.6	304.5	7.89	1.8
	15	10/16/09	54.4	13.2	97.1	10.16	313.5	7.82	2
Montgomery	16	10/17/09	53.4	12.6	103.9	11.04	332.7	7.81	2.1
	18	10/17/09	53.4	12.6	102.4	10.87	337.3	7.82	1.8
New Cumberland	21	10/17/09	43.8	7.3	100.9	11.63	724	8.16	2
	22	10/17/09	54.7	13.5	98.9	10.28	304.8	7.88	1.1
	23	10/17/09	48.1	10.4	90.9	10.12	294.8	8.03	.5
	24	10/16/09	54.8	13.6	107.6	11.19	320.1	7.87	1

26	10/16/09	55.3	13.7	103.7	10.67	337	7.91	1.75
28	10/16/09	46.4	8.1	101.8	12	455.8	8.6	3+

Specifics of Captures and Abundance of YOY for Species of Special Concern

Following are tables summarizing where and when the benthic PA Species of Special Concern *Etheostoma camurum*, *Etheostoma tippecanoe*, *Percina shumardi*, and *Macrhybopsis storeriana* were captured (Tables 19 through 30). Tables 19 through 22, summarize habitat usage and abundance for the June sampling. Tables 23 through 26 are for August. Abundance and habitat usage for October is addressed in Tables 27 through 30. Included in the tables are status (Threatened, Candidate, and Endangered). The tables show the general habitat type of the station as outlined in the methods. The tables include whether the fish were caught in surface or benthic gear. The channel location is given as described in the methods section. Keep in mind that channel does not necessarily mean main navigation channel. For island or navigable tributary stations we sampled the back channel or tributary channel respectively. NS in the channel location column means shallow near shore. These tables give abundance of YOY with respect to fish of the same species that are not cohorts.

Table 18. Specifics of Capture Locations of *Etheostoma camurum* During June 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
6/17/2009	Emsworth	1	Threat	<i>Etheostoma</i>	<i>camurum</i>	0	2	rdb	Bottom	Below Dam
6/17/2009	Emsworth	3	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	rc	Bottom	Non-nav Tributary
6/16/2009	Dashields	12	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	rc	Bottom	Below Dam
6/15/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	rdb	Bottom	Below Dam
6/15/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	ldb	Bottom	Below Dam

Table 19. Specifics of Capture Locations of *Etheostoma tippecanoe* During June 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
6/17/2009	Emsworth	1	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	ldb	Bottom	Below Dam
6/17/2009	Emsworth	2	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	mc	Bottom	Island
6/15/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	2	0	rdb	Bottom	Below Dam
6/15/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	3	0	lc	Bottom	Below Dam
6/9/2009	N. Cumberland	24	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	rc	Bottom	Below Dam

Table 20. Specifics of Capture Locations of *Percina shumardi* During June 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
6/15/2009	Montgomery	16	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	rmc	Bottom	Below Dam
6/15/2009	Montgomery	17	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	rdB	Bottom	Non-nav Tributary
6/15/2009	Montgomery	22	Cand	<i>Percina</i>	<i>shumardi</i>	0	2	rdB	Bottom	Above Dam
6/14/2005	Montgomery	23	Cand	<i>Percina</i>	<i>shumardi</i>	0	1	NS		M. Embayment
6/16/2009	Montgomery	23	Cand	<i>Percina</i>	<i>shumardi</i>	2	0	NS		M. Embayment
6/9/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	0	1	NS		Below Dam
6/9/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	5	0	lc	Bottom	Below Dam
6/9/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	4	4	rc	Bottom	Below Dam
6/9/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	1	29	rdB	Bottom	Below Dam
6/9/2009	N. Cumberland	25	Cand	<i>Percina</i>	<i>shumardi</i>	2	15	rdB	Bottom	Non-nav Tributary

Table 21. Specifics of Capture Locations of *Macrhybopsis storeriana* During June 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
6/16/2009	Emsworth	8	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0			Navigable Tributary
6/17/2009	Emsworth	11	Ende	<i>Macrhybopsis</i>	<i>storeriana</i>	3	0	ldB	b	Above Dam
6/15/2009	Montgomery	17	Ende	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	rdB	b	Non-Nav Tributary

Table 22. Specifics of Capture Locations of *Etheostoma camurum* During August 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
8/6/2009	Emsworth	1	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	lc	Bottom	Below Dam
8/6/2009	Emsworth	3	Threat	<i>Etheostoma</i>	<i>camurum</i>	0	2	rdB	Bottom	Non-nav Tributary
8/6/2009	Emsworth	3	Threat	<i>Etheostoma</i>	<i>camurum</i>	0	1	mc	Bottom	Non-nav Tributary
8/6/2009	Emsworth	4	Threat	<i>Etheostoma</i>	<i>camurum</i>	0	1	mc	Bottom	Island

8/6/2009	Emsworth	4	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	mc	Bottom	Island
8/6/2009	Emsworth	10	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	rd	Bottom	Island
8/5/2009	Dashields	12	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	lc	Bottom	Below Dam
8/5/2009	Dashields	12	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	rc	Bottom	Below Dam
8/5/2009	Dashields	13	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	1	ldb	Bottom	Island
8/5/2009	Dashields	13	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	rd	Bottom	Island
8/3/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>camurum</i>	3	1	rc	Bottom	Below Dam
8/3/2009	Montgomery	16	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	lc	Bottom	Below Dam
8/3/2009	Montgomery	18	Threat	<i>Etheostoma</i>	<i>camurum</i>	3	0	rd	Bottom	Non-nav Tributary
8/3/2009	Montgomery	18	Threat	<i>Etheostoma</i>	<i>camurum</i>	2	0	rd	Bottom	Non-nav Tributary
8/4/2009	N. Cumberland	25	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	mc	Bottom	Non-nav Tributary
8/4/2009	N. Cumberland	29	Threat	<i>Etheostoma</i>	<i>camurum</i>	1	0	mc	Bottom	Mid-pool

Table 23. Specifics of Capture Locations of *Etheostoma tippecanoe* During August 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
8/6/2009	Emsworth	1	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	rc	Bottom	Below Dam
8/6/2009	Emsworth	1	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	0	1	lc	Bottom	Below Dam
8/6/2009	Emsworth	2	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	0	1	mc	Bottom	Island
8/5/2009	Emsworth	5	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	rc	Bottom	Below Dam
8/5/2009	Dashields	12	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	2	2	lc	Bottom	Below Dam
8/5/2009	Dashields	12	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	0	1	rc	Bottom	Below Dam
8/5/2009	Dashields	13	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	1	0	ldb	Bottom	Island
8/4/2009	N. Cumberland	24	Threat	<i>Etheostoma</i>	<i>tippecanoe</i>	6	1	rc	Bottom	Below Dam

Table 24. Specifics of Capture Locations of *Percina shumardi* During August 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
8/3/2009	Montgomery	16	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	lc	Bottom	Below Dam

8/3/2009	Montgomery	16	Cand	<i>Percina</i>	<i>shumardi</i>	2	0	ldb	Bottom	Below Dam
8/3/2009	Montgomery	17	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	rdB	Bottom	Non-nav Tributary
8/3/2009	Montgomery	17	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	mc	Bottom	Non-nav Tributary
8/3/2009	Montgomery	18	Cand	<i>Percina</i>	<i>shumardi</i>	4	0	rdB	Bottom	Non-nav Tributary
8/3/2009	Montgomery	18	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	rdB	Bottom	Non-nav Tributary
8/3/2009	Montgomery	19	Cand	<i>Percina</i>	<i>shumardi</i>	2	0	ldb	Bottom	Non-nav Tributary
8/3/2009	Montgomery	21	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	mc	Bottom	Navigable Tributary
8/3/2009	Montgomery	21	Cand	<i>Percina</i>	<i>shumardi</i>	2	0	mc	Bottom	Navigable Tributary
8/3/2009	Montgomery	22	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	ldb	Bottom	Above Dam
8/4/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	13	0	rdB	Bottom	Below Dam
8/4/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	21	0	rc	Bottom	Below Dam
8/4/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	2	0	lc	Bottom	Below Dam
8/4/2009	N. Cumberland	24	Cand	<i>Percina</i>	<i>shumardi</i>	11	0	ldb	Bottom	Below Dam
8/4/2009	N. Cumberland	25	Cand	<i>Percina</i>	<i>shumardi</i>	1	0	rdB	Bottom	Non-nav Tributary
8/4/2009	N. Cumberland	25	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	mc	Bottom	Non-nav Tributary
8/4/2009	N. Cumberland	25	Cand	<i>Percina</i>	<i>shumardi</i>	4	0	mc	Bottom	Non-nav Tributary
8/4/2009	N. Cumberland	26	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	mc	Bottom	Island
8/4/2009	N. Cumberland	29	Cand	<i>Percina</i>	<i>shumardi</i>	6	0	rdB	Bottom	Mid-pool
8/4/2009	N. Cumberland	29	Cand	<i>Percina</i>	<i>shumardi</i>	3	0	mc	Bottom	Mid-pool

Table 25. Specifics of Capture Locations of *Macrhybopsis storeriana* During August 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel location	Depth	General Habitat Type
8/5/2009	Emsworth	5	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	ldb	Bottom	Below Dam
8/5/2009	Emsworth	7	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	1	rdB	Bottom	Island
8/5/2009	Emsworth	7	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	mc	Bottom	Island
8/5/2009	Emsworth	7	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	ldb	Bottom	Island
8/5/2009	Dashields	13	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	mc	Bottom	Island
8/5/2009	Dashields	15	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	1	ldb	Bottom	Above Dam
8/5/2009	Dashields	15	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	4	rdB	Bottom	Above Dam

8/3/2009	Montgomery	17	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	rdb	Bottom	Non-nav Tributary
8/3/2009	Montgomery	19	End	<i>Macrhybopsis</i>	<i>storeriana</i>	3	0	ldb	Bottom	Non-nav Tributary
8/3/2009	Montgomery	19	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	24	ldb	Bottom	Non-nav Tributary
8/3/2009	Montgomery	21	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	1	mc	Bottom	Navigable Tributary
8/3/2009	Montgomery	22	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	10	ldb	Bottom	Above Dam
8/3/2009	Montgomery	22	End	<i>Macrhybopsis</i>	<i>storeriana</i>	0	5	mc	Bottom	Above Dam
8/4/2009	N. Cumberland	28	End	<i>Macrhybopsis</i>	<i>storeriana</i>	1	0	mc	Bottom	Navigable Tributary

Table 26. Specifics of Capture Locations of *Etheostoma camurum* During October 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
10/15/2009	Emsworth	1	Threat	<i>E.</i>	<i>camurum</i>	2	0	RDB	Bottom	Below Dam
10/15/2009	Emsworth	1	Threat	<i>E.</i>	<i>camurum</i>	1	0	LDB	Top	Below Dam
10/15/2009	Emsworth	1	Threat	<i>E.</i>	<i>camurum</i>	1	0	MC	Top	Below Dam
10/15/2009	Emsworth	1	Threat	<i>E.</i>	<i>camurum</i>	1	0	RDB	Top	Below Dam
10/16/2009	Emsworth	11	Threat	<i>E.</i>	<i>camurum</i>	1	0	RDB	Bottom	Above Dam
10/15/2009	Dashields	13	Threat	<i>E.</i>	<i>camurum</i>	1	0	RDB	Top	Island
10/16/2009	Montgomery	16	Threat	<i>E.</i>	<i>camurum</i>	4	0	MC	Bottom	Below Dam
10/16/2009	Montgomery	16	Threat	<i>E.</i>	<i>camurum</i>	5	0	RDB	Bottom	Below Dam
10/17/2009	Montgomery	18	Threat	<i>E.</i>	<i>camurum</i>	1	0	RDB	Bottom	Non-nav Tributary
10/17/2009	Montgomery	18	Threat	<i>E.</i>	<i>camurum</i>	1	0	MC	Bottom	Non-nav Tributary

Table 27. Specifics of Capture Locations of *Etheostoma tippecanoe* During October 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
10/16/2009	Emsworth	11	Threat	<i>E.</i>	<i>tippecanoe</i>	3	0	MC	Bottom	Above Dam
10/16/2009	Dashields	16	Threat	<i>E.</i>	<i>tippecanoe</i>	1	0	MC	Bottom	Below Dam
10/16/2009	N. Cumberland	24	Threat	<i>E.</i>	<i>tippecanoe</i>	1	0	LDB	Bottom	Below Dam

Table 28. Specifics of Capture Locations of *Percina shumardi* During October 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
10/16/2009	Montgomery	16	Cand	<i>P.</i>	<i>shumardi</i>	1	0	RDB	Bottom	Below Dam
10/17/2009	Montgomery	22	Cand	<i>P.</i>	<i>shumardi</i>	1	0	RDB	Bottom	Above Dam
10/16/2009	N. Cumberland	24	Cand	<i>P.</i>	<i>shumardi</i>	2	0	RDB	Bottom	Below Dam
10/16/2009	N. Cumberland	26	Cand	<i>P.</i>	<i>shumardi</i>	2	0	RDB	Bottom	Island

Table 29. Specifics of Capture Locations of *Macrhybopsis storeriana* During October 2009.

Date	Pool	Station	Status	Genus	Species	Number 1+	Number YOY	Channel Location	Depth	General Habitat Type
10/17/2009	Montgomery	21	End	<i>M.</i>	<i>storeriana</i>	1	0	MC	Bottom	Navigable Tributary
10/17/2009	Montgomery	22	End	<i>M.</i>	<i>storeriana</i>	3	0	MC	Bottom	Above Dam
10/17/2009	Montgomery	22	End	<i>M.</i>	<i>storeriana</i>	2	6	RDB	Bottom	Above Dam

SPECIES ACCOUNTS

Species of Special Concern. Seven species, which are listed by the Pennsylvania Fish and Boat Commission as Threatened, Rare, or Candidate species include: Mooneye (*Hiodon alosoides*), Goldeye (*Hiodon tergisus*), Bowfin (*Amia calva*), Skipjack Herring (*Alosa chrysochloris*), Silver Chub (*Macrhybopsis storeriana*), Bluebreast Darter (*Etheostoma camurum*), and Tippecanoe Darter (*Etheostoma tippecanoe*). Additionally, we collected the River Darter, *Percina shumardi*, which was recently reported in Pennsylvania waters (Freedman et al. 2009) and will very likely be listed in the near future.

Hiodon alosoides. Male Goldeyes reach sexual maturity at age 7 and females at age 8, with large females producing greater than 20,000 eggs (Donald 1997). They spawn annually at temperatures between 10-13°C (Stauffer et al. 1995). Post larval fish feed on zooplankton. Eggs and larvae are vulnerable because they are semibouyant and have a well developed yolk sac (Donald 1997, Stauffer et al. 1995). We did not collect any specimens in 2008. In 2009, we collected two larvae in the Montgomery Pool at Elkhorn Creek during the July sampling (Figure 7). One larval Goldeye was captured in the Emsworth Pool at Chartiers Creek in June 2009.



Figure 7. Larval Goldeye.

Hiodon tergisus. Female Mooneyes reach sexual maturity in 3-5 years (Wallus and Buchanan 1989). Peak spawning occurs between May-June at temperatures of 10-13°C. They often migrate up clear streams to spawn and the eggs drift downstream (Page and Burr 1991). The young-of-year are approximately 7mm upon hatching, feed on immature caddisflies, mayflies, midges, corixids, and plecopterans, and are concentrated in the upper 1/2-1/3 of the water column (Wallus and Buchanan 1989, Stauffer et al. 1995). We collected adults and one larva (Figure 8) in the Montgomery Pool during the June sampling.



Figure 8. Larval Mooneye.

Amia calva. The Bowfin breeds in the spring when water temperatures approach 15°C (Breder and Rosen 1966, Scott and Crossman 1973). Eggs are slightly elliptical and hatch in about 180 hours. A single female can produce as many as 64,000 eggs, but most nests contain 2,000-5,000 eggs (Breder and Rosen 1966). We collected one larvae (Figure 9) in August, 2009.

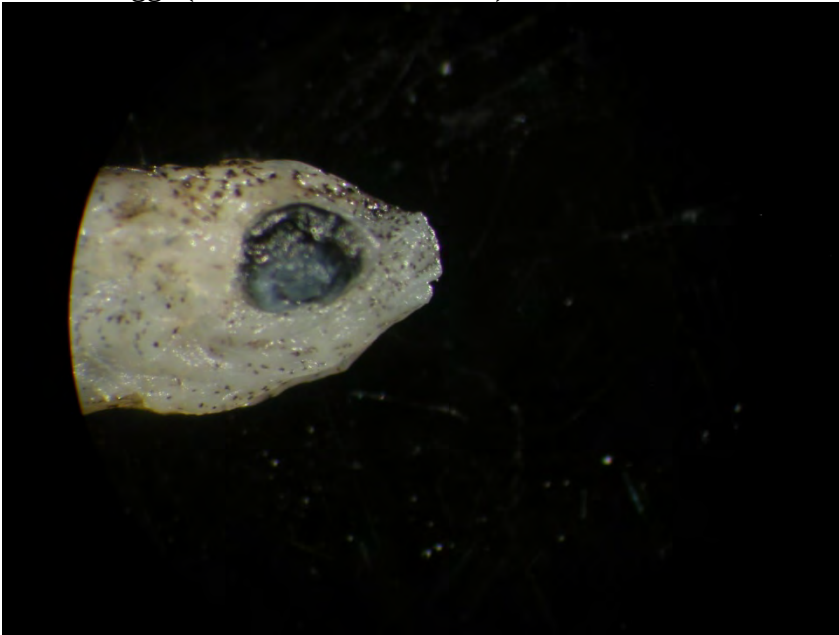


Figure 9. Larval Bowfin.

Alosa chrysochloris. The Skipjack Herring spawns from April-June in small aggregations (Coker 1930, Smith 1979).

We collected one young-of-year in Montgomery Pool (Figure 10) in June/July, 2009 and two young-of-year in Dashields Pool in August, 2009.



Figure 10. Larval Skipjack Herring.

Macrhybopsis storeriana. Both males and females of the Silver Chub reach sexual maturity at 2+ years. They generally spawn after migrating from deeper water to the shoreline at temperatures between 20.8-22.7°C. They are probably open-water broadcast spawners (Stauffer et al. 1995).

During the 2008 sampling period, *M. storeriana* was present throughout the Emsworth, Montgomery, and New Cumberland pools, but absent from the Dashields Pool. Both young-of-year and adults were taken in the bottom trawls, but absent in the surface samples. During the March/April, 2009 sampling, we captured adults throughout all of the pools. We collected three adults in the Emsworth Pool and one in the Montgomery Pool with the bottom trawls. In August, 2009, we captured adults in every pool and young-of-year (Figure 11) in Emsworth, Dashields, and Montgomery pools, but in October 2008 we found them only in the Montgomery Pool.



Figure 11. Larval Silver Chub.

Etheostoma camurum. The Bluebreast Darter spawns three times per year at temperatures ranging between 10-24°C (Mount 1959, Stauffer et al. 1995). The eggs are between 1.6-2.2 mm in diameter, transparent, spherical, demersal, and adhesive with narrow perivitelline spaces, uncolored yolk, and unpigmented chorion; hatching occurs in 168-240 hrs. at 22°C (Page and Simon 1988).

In the fall of 2008, we collected adults in all of the pools. In the Emsworth, Dashields, and Montgomery pools, we found them only in the two most upstream stations, while in the New Cumberland Pool we collected them only in the three most downstream stations. In April, we collected specimens from Montgomery and Emsworth pools. In June/July, we collected 9 adults distributed among the four pools. We captured two larvae at the most upstream station in the Emsworth Pool. In August, 2009, we collected adults in all of the pools and young-of-year (Figure 12) were collected in all pools, except New Cumberland Pool. In October, 2008 we collected them in both the Montgomery and Emsworth pools.



Figure 12. Juvenile Bluebreast Darter.

Etheostoma tippecanoe. Breeding males of the Tippecanoe Darter are bright gold and females are brown with dark brown vertical bars (Stauffer et al. 1995). Tippecanoe darters breed in water temperatures ranging between 22-27.5° at 12 months of age (Warren et al. 1986; Page and Simon 1988). Gravid females and brightly colored males are found in deep runs over gravel, pebbles, and cobble. Females completely bury the eggs under gravel and they hatch in 144-168 hrs. (Page and Simon, 1988). The eggs are 1.3-1.4 mm diameter, transparent, spherical, demersal, adhesive, with a narrow perivitelline spaces, amber yolk, and unpigmented chorion (Page and Simon, 1988). Males guard the eggs (Trautman 1957).

We collected one specimen in Dashields Pool, three in Montgomery Pool, and one in the New Cumberland Pool during the fall of 2008. We collected adults in Emsworth Pool in March/April, 2009, and a total of eight adults in the Emsworth, Montgomery, and New Cumberland pools in June, 2009. In August, we collected adults and larvae (Figure 13) in all pools except Montgomery Pool. In October we collected them in Emsworth, Montgomery, and New Cumberland pools.

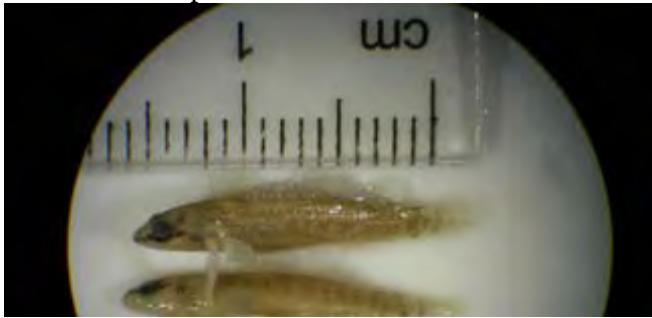


Figure 13. Juvenile Tippecanoe darters.

Percina shumardi. The River Darter spawns in April and May (Page 1983) in areas with a strong current over scattered rubble and associated clean gravel (Kuehne and Barbour 1983). Fish mature at 1+ years and may live to 4 years (Smith 1979).

We collected 19 adults in the lower end of the study reach the New Cumberland Pool and one in the upstream portion of Montgomery Pool in 2008. In March/April, 2009, we collected an additional two adults in the Montgomery Pool and two in New Cumberland Pool. We collected four adults in Montgomery Pool and 12 in New Cumberland Pool in June/July, 2009. Finally, we collected a total of three larvae (Figure 14) in Montgomery Pool and 48 larvae in New Cumberland Pool. In August, we collected adults in Montgomery and New Cumberland pools.



Figure 14. Juvenile River Darter.

Sport fishes. All of the pools sampled are important recreational resources and many people fish throughout the area studied. We captured 11 species of sport fishes in the system, including: Northern Pike (*Esox lucius*), Flathead Catfish (*Pylodictis olivaris*), Channel Catfish (*Ictalurus*

punctatus), Rock Bass (*Ambloplites rupestris*), Bluegill Sunfish (*Lepomis macrochirus*), Smallmouth Bass (*Micropterus dolomieu*), Spotted Bass (*Micropterus punctulatus*), Largemouth Bass (*Micropterus salmoides*), White Crappie (*Pomoxis annularis*), Sauger (*Sander canadensis*), and Walleye (*Sander vitreus*).

Esox lucius. Northern Pike are common throughout the northern United States and Canada with the southwestern edge of their natural range extending south to north-central Nebraska. Northern pike is a mesothermal cool-water species that flourishes in shallow, productive environments. Populations typically thrive in lakes with adequate flooded vegetation for spawning and recruitment and cool-water habitats for thermal refuge. Optimal water temperatures for adult pike growth (8–18 °C) and juveniles (19–25°C) (Paukert and Willis 2003) are often exceeded in lakes in the southern portion of the Northern Pike's natural range. In addition, lakes with greater depth, which are associated with thermal refuges or more appropriate prey, typically produce larger Northern Pike (Paukert and Willis, 2003).

Quite generally, Northern Pike spawn in shallow water over vegetation in spring shortly after ice-out, when these shallows have warmed to 8–12°C. The fish tend to migrate to tributaries, flooded marshes and wetlands, or shallow shoreline inundations to spawn. Optimal spawning substrate is flooded vegetation in a shallow, sheltered area. Grasses and sedges are preferred, but other vegetation may be used. The vegetative hummocks and mats should be adequate to entrap the eggs and suspend them above the substrate, where anoxic conditions can develop. Spawning success has been linked to water-level changes. High water levels at time of spawning with stable levels after the incubation period are associated with large year-classes of northern pike. High water levels increase nutrient concentrations and primary and secondary production in inundated areas. Widely fluctuating water levels can inhibit the development of near shore vegetation; as well, very consistent annual levels are less productive, with low levels being least productive (Casselman and Lewis 1996).

Northern Pike typically require adequate flooded vegetation for spawning activity and subsequent recruitment. Northern pike year-class strength has been positively correlated with air temperature and water levels. Depth of nursery habitat is positively correlated with fish size and age in the Great Lakes Basin. Water temperature and level may affect vegetation growth and cover, thus indirectly affecting recruitment. In addition, optimum growth for age-0 Northern Pike occurs at 22 ° - 23 °C while optimal temperature is slightly slower (19 °C) for sub adults and adults (Rydell et al. 2008).

We collected one adult Northern Pike in the Montgomery Pool in March/April and we seined one larval esocid, which we presumed to be Northern Pike in June/July, 2009.

Pylodictis olivaris. The Flathead Catfish inhabits medium to large rivers, lakes, and reservoirs where it feeds by lunging and seizing prey (Brown et al. 2005). It is typically less active during daylight hours and is closely associated with structure such as brush piles, undercut banks, and log jams. The flathead catfish can attain sizes greater than 1000 mm total length (TL), weights can exceed 50 kg, and it is regarded by many anglers as a big-game fish. Life span can exceed 19 years, with recent maximum estimates of riverine fish spanning up to 28 years. Males mature in 3-4 years and females mature in 4–5 years (Minckley and Deacon 1959, Munger et al. 1994). Juveniles are found in shallow areas and feed primarily on aquatic insects, but when they reach approximately 100 mm or greater, they become almost exclusively piscivorous, with large crustaceans also consumed (Brown et al. 2005).

We collected one young-of-year in the Dashields Pool and one young-of-year in the New Cumberland Pool during the fall of 2008. In August, 2009, we collected one young-of-year in Montgomery Pool, two in Emsworth Pool, and two in Dashields Pool.

Ictalurus punctatus. The natural habitat of this species is moderate- to swift-flowing streams; however, they are found in slow-moving rivers. They are tolerant of turbid water, but generally prefer clear water. Young fish feed in shallow areas, while adults feed in deeper waters. Channel Catfish generally reach sexual maturity at 3 years of age but the period to maturity may vary from 2 to 5 years. Channel catfish are cavity spawners in that they spawn in secluded, semi dark areas in nature, such as holes, hollow logs, or undercut banks. Spawning occurs when water temperatures are between 25-29°C. The male prepares the spawning site, fertilizes the eggs laid by the female, and cares for the eggs after fertilization. A newly hatched catfish is a replicate of the adult; that is, there are no free-swimming larval stages of development (Tucker and Robinson 1990).

We collected 10 young-of year in Dashields, Emsworth and New Cumberland pools and one adult in Montgomery Pool. We collected one adult in the Dashields Pool, one in Emsworth Pool, and one in New Cumberland Pool during March/April, 2009. In August, 2009, we captured young-of-year in all pools (Dashields Pool – 52, Emsworth Pool – 86; Montgomery Pool – 4; New Cumberland Pool – 20).

Ambloplites rupestris. The Rock Bass is a common centrarchid fish native to east-central North America (Noltie 1998), where it is found in relatively shallow waters of lakes, ponds, clear gravelly rivers, creeks and clear rocky streams of moderate gradients. Nesting activity is triggered at 12.8-15.6 °C and spawning occurs at 15.6-21.1 °C. Growth of young Rock Bass varies with age, latitude, and water characteristics. Most feeding occurs during the day, especially during late evening (Simon and Conner 2008).

We collected one adult in the Montgomery Pool during September 2008. We captured one young-of-year in August, 2009 from the Emsworth Pool.

Lepomis macrochirus. Bluegill spawning activity creates disturbances in the littoral zone of ponds and lakes. Males construct nests in shallow water by vigorously displacing large amounts of sediment and debris leaving circular depressions. Nests are located in tightly packed clusters (referred to as colonies), which may contain from several hundred nests. Actual spawning periods are brief and highly synchronized within colonies, but males occupy nests for several days afterwards to guard eggs and larvae. This sequence is repeated several times during the breeding season, which lasts from 1 to 3 months during the spring and summer (Pierce et al. 1987).

Parental males construct bowl-shaped nests in water between 0.1-1.5m deep. Following nest construction, these males exhibit territorial defense behaviors (e.g., display, thrust, swipe, chase or nip) and courtship behaviors (e.g., rim circling) above and slightly beyond the nest boundary. Parental care of offspring is left entirely to the male Bluegill, which fan and guard the eggs and fry. A brood-guarding period of up to 10 days typically passes between egg deposition and fry departure, after which parental male Bluegill abandon their nests. Because of the energetic demands of this reproductive activity, physiological trade-offs in available energy often result in decreased (or cessation of) growth of mature fish. Further, fecundity is often directly related to body size (Aday et al. 2002).

Males are characterized by a discrete polymorphism in life histories termed ‘parental’ and ‘cuckolder’. In Lake Opinicon (Ontario, Canada), parentals mature at age 7 and construct nests in a colony during the breeding season. Nesting parentals court and spawn with multiple females

over the course of a single day and then provide sole care for the developing young in their nests. Parental care involves fanning and defending eggs (which can number in the tens of thousands) until they hatch (2–3 days) and then defending developing fry from predators until the young leave the nest (5–7 days).

We captured over 200 young-of-year in all pools in 2008. We did not capture any adults or young-of-year in March/April and June/July in 2009. The absences of Bluegills in these collections suggest that they did not move into the littoral portions and had not yet begun spawning. In August, 2009, we captured young-of-year in Dashields, Emsworth, and Montgomery pools and adults in Montgomery Pool.

Micropterus dolomieu. Smallmouth bass spawn in the spring or the early summer in most northern waters, when the water temperature is between 14–18°C. The male builds a nest in waters that ranges from 0.5–4m deep, depending on the environment. The nest site is often over a gravel or rock bottom but may be over a sandy bottom in lakes, and it is usually near the protection of a log or a boulder. These highly carnivorous and predatory fish will eat whatever is available, but they have a clear preference for crayfish and small fish (Schultz, 2003).

We collected adults in the Emsworth Pool in 2008 and in March/April, 2009. During this time, they were probably seeking refuge in the deeper pools as evidenced by the capture of 163 young-of-year from Dashields, Emsworth, and Montgomery pools in June/July. In August, 2009, we captured young-of-year in all pools.

Micropterus punctulatus. Spotted Bass spawn in the spring at water temperatures of 16–20°C. Males sweep away silt from a gravel or rock bottom to make nests, generally near brush, logs or other heavy cover. The males guard the eggs and then guard the fry after they leave the nests. Fry are extremely active, much more than those of either the Largemouth Bass or the Smallmouth Bass. The fish tend to school more than any other member of the black bass family and are often encountered chasing shad in open waters. Juveniles feed on small crustaceans and midge larvae, whereas adults eat insects, larger crustaceans, minnows, frogs, worms, grubs and small fish. Crayfish are usually the most important item in the diet, followed by small fish and larval and adult insects (Schultz, 2003).

Spotted Bass population characteristics and habitat use are strongly associated with large woody debris (LWD), natural rootwads, and undercut banks. Natural cover structure use is non-random and Spotted Bass uses LWD, natural rootwads, and undercut banks significantly more than open water and overhanging vegetation. Habitat improvement is a common method used to enhance fish populations and usually is accomplished by installing habitat enhancement structures that alter habitat characteristics such as stream velocity, overhead cover, depth, and substrate (Proboszcz and Guy, 2006).

We captured three young-of-year in the Emsworth Pool during 2008. We collected one young-of-year in Emsworth Pool in June/July, 2009. In August, 2009, we collected young-of-year in all pools.

Micropterus salmoides. Vegetation coverage of lakes plays a vital role in the population dynamics of Largemouth Bass. In impoundments, relative abundance of Largemouth Bass increased with increasing submerged vegetation coverage. Excessive vegetation coverage provides cover for Largemouth Bass prey and too little coverage apparently is linked to low recruitment in some waters. Growth has also been linked to submerged vegetation coverage. Reduced vegetation abundance resulted in increased growth of smaller Largemouth Bass because, after all submerged vegetation was removed, the bass became piscivorous at smaller sizes, thus increasing growth (Paukert and Wills 2004).

Largemouth Bass strongly interacted with walleyes: (1) indices of Largemouth Bass and walleye population abundance were inversely related in lakes with self-sustaining walleye populations; (2) the diet of Largemouth Bass included juvenile walleyes; (3) walleye growth was positively related to indices of Largemouth Bass abundance; and (4) survival of stocked walleyes was negatively related to indices of Largemouth Bass abundance, and indices of Largemouth Bass abundances increased as an index of walleye stocking intensity increased (Fayram et al. 2005).

We did not collect any Largemouth Bass in 2008. In 2009, we collected one adult in the Emsworth Pool during the June/July sampling. In August, we captured 2 young-of-year in Montgomery and adults in Dashiels Pool.

Pomoxis nigromaculatus. Spawning occurs early in the spring and summer in water temperatures between 17-20°C, and during that time males grow dark on the sides of its head, lower jaw, and breast. Spawning takes place in sandy, muddy, and weedy areas, and the fish nests in colonies. The eggs incubate for 2 to 4 days, and the young Black Crappie mature in 2 to 4 years. Black crappie feed on small crustaceans, zooplankton, insects and insect larvae, minnows, young shad, small sunfish, and other small fishes. Small minnows of many species are probably the most common food item for adults (Schultz 2003).

We collected one adult in Montgomery Pool in March/April, 2009.

Morone chrysops. The White Bass spawn in late spring. Young-of-year feed primarily prior to sunset (Voigtlander and Wissing 1974). We captured adults in March/April, 2009 in Montgomery Pool, adults in June/July in New Cumberland Pool, and two young-of-year in August from Montgomery Pool.

Morone saxatilis. Striped Bass spawn from April-June and the eggs are semibouyant (Merriman 1937). Eggs drift in the current and hatch in approximately 74 hours at 12°C (Merriman 1937, Cooper 1983). During August, we collected adults and 2 young-of-year in Montgomery Pool and 1 young-of-year in New Cumberland Pool.

Perca flavescens. Yellow Perch usually spawn in early spring when the water temperature is between 8°-10°C. Eggs are deposited in the shallow areas of lakes or tributary streams in gelatinous ribbons by an adult female and are fertilized by as many as a dozen males in weedy areas several feet deep. The ribbons, which may be up to 2 m long and several cm wide, attach to vegetation until one-quarter to one-half of the 10,000 to 48,000 eggs hatch into fry in 10 days to 3 weeks after spawning. Young perch feed on zooplankton until they have grown to several cm in length and then feed on larger zooplankton, insects, young crayfish, snails, aquatic insects, fish eggs, and small fish, including the young of their own species (Schultz, 2003).

Yellow Perch populations commonly exhibit variable recruitment, which has been correlated with the abundance of aquatic macrophytes. Erratic Yellow Perch recruitment tends to occur in shallow lakes lacking submerged macrophytes, while perch populations demonstrating more consistent recruitment occur in deeper lakes with substantial amounts of submersed macrophytes (Hanchin et al. 2003).

Yellow Perch eggs are embedded in a gelatinous, accordion-like matrix, and spawners prefer to entangle egg strands on substrates such as woody debris, submerged macrophytes, and other structures. The duration of the spawning period is variable and can last from 1 to 4 weeks. Yellow Perch is a cool water fish with a preferred temperature range of 20–25 °C as adults. They are annual spawners with synchronous oocyte growth during fall through winter, and spawning occurs in spring, when thermal stratification is common in temperate lakes (Huff et al. 2004).

We captured one larval Yellow Perch in the Emsworth Pool and one in the Montgomery Pool in June, 2009. We captured an additional 4 young-of-year in August, 2009 from Montgomery Pool.

Sander canadensis. This species has a general distribution in mid-central North America from Quebec to Tennessee and Arkansas, and north westerly through Montana to about central Alberta. Habitat preference of the sauger is large, turbid, shallow lakes and large, silty, slow-flowing rivers (Schultz, 2003).

Widespread declines in sauger populations have been reported during the last several decades in the Great Lakes, the Missouri and Yellowstone rivers, the Missouri River in Nebraska, the Tennessee River, and Wyoming streams. These extensive declines have prompted researchers to classify sauger as a 'species of concern' across portions of its range. Loss of spawning habitat either through river channel alteration (e.g. impoundments) or barriers to migration is a commonly identified factor in these studies contributing to declining sauger populations (Graeb et al. 2009).

We collected 27 *Sander* spp. larvae in June/July, 2009 from Montgomery Pool, one young-of-year in Emsworth Pool, and two from Dashiels Pool, but we could not distinguish between *S. canadensis* and *S. vitreus*. We collected young-of-year from all pools in August, 2009.

Sander vitreus. Walleyes from northern latitudes generally exhibit slower growth, lower natural mortality, and increased longevity compared to southern populations. Although temperature and length of the growing season undoubtedly influence latitudinal trends in walleye growth, large-scale growth trends are often confounded with changes in fish assemblage structure and prey availability. For example, most aquatic systems from southern latitudes have higher species diversity, thereby increasing the number of potential prey species for walleyes in Midwestern and southern systems. Most of these systems also contain Gizzard Shad, *Dorosoma cepedianum*, which are often selected by walleyes over other available prey species. The presence of gizzard shad coupled with long growing seasons leads to fast growth of walleyes, especially during the first year (Quist and Guy, 2003).

Walleyes must pass through a planktivorous feeding stage before they can consume fish. Quist et al (2004a, b), however found that zooplankton densities did not appear to influence survival of larval walleyes, because even though zooplankton densities were similar among years, recruitment of walleyes was variable. Spring temperatures and interactions with larval gizzard shad appeared to have the greatest influence on larval walleye survival.

Larval and yearling walleye switch at an early age from eating zooplankton and benthic invertebrates to fishes. Adults will feed on benthic invertebrates in the spring, and then prey on fishes later in the year (Henderson et al 2004).

Northern pike and walleyes have similar diets so may compete for food resources. Walleyes also prey on northern pike, thus, abundances of these two species may be negatively related (Fayram et al. 2005).

Smallmouth bass prey on walleyes and have been suggested as a cause of the inverse relationship between abundances of these two species (Fayram et al. 2005).

We collected adults in March/April 2009 in Montgomery and Emsworth pools. We collected one larvae in Emsworth Pool and four in Montgomery Pool in the meter nets that we could identify as *S. vitreus*. We collected 27 *Sander* spp. larvae in June/July, 2009 from Montgomery Pool, one young-of-year in Emsworth Pool, and two from Dashiels Pool, but we could not distinguish between *S. canadensis* and *S. vitreus*. We collected young-of-year from all pools in August, 2009.

Other fishes. The remaining fishes that we captured are documented below.

Lepisosteus osseus. The Longnose Gar spawns from the end of April through June (Breder and Rosen 1966, Stauffer et al. 1995). A single female may produce as many as 36,000 eggs and deposits them in vegetated shallow waters and under banks (Tyler and Granger 1984). We collected Longnose Gar larvae in the New Cumberland, Dashields, and Emsworth pools in June, 2009.

Dorosoma cepedianum. The Gizzard Shad produce demersal adhesive eggs at water temperatures ranging between 10-29°C (Paller and Saul 1996). Fecundities were greater than 70,000 (Kilambi and Baglin 1969) and the majority were mature at age 3 (Breder and Rosen 1966). We collected adults in 2008 from Montgomery Pool.

We collected adults in the Emsworth Pool in March/April, 2009. In August, we collected young-of-year from all pools and adults from New Cumberland Pool.

Campostoma anomalum. The Central Stoneroller migrate up streams to spawn from March-June at temperatures between 14-22°C (Hankinson 1920). Males construct the nest by moving pebbles in their mouth.

We collected adults in June/July from Emsworth Pool and both juveniles and adults were collected in August from Montgomery Pool.

Cyprinella spiloptera. The Spotfin Shiner spawns in late spring and early summer in rock crevices (Miller and Robison 2004). In June/July we collected both adults and young-of-year in Emsworth Pool. In August, adults were found in all pools and young-of-year were found in all pools except Dashields Pool.

Cyprinus carpio. The European Carp spawns from late spring through August at temperatures above 17°C (Smith 1985). Females can spawn two times per season and fecundities range is size dependent and larger fish will contain over 2×10^6 eggs. Females mature in 4-5 years and males in 3-4 years (Smith 1985).

We collected adult European Carp in the New Cumberland Pool in March/April, 2009, but expect that it inhabits and spawns in all of the pools we sampled.

Erimystax dissimilis. The Streamline Chub spawns in May-June and each female produces approximately 400 eggs (Harris 1980). During August, 2009 we collected adults in the Emsworth Pool.

Hybopsis amblops. The Bigeye Chub spawn in early June, when females deposit eggs in vegetation.

We collected adults in Montgomery Pool in August, 2009.

Notropis atherinoides. The Emerald Shiner spawns at night from July-August (Fuchs 1967, Stauffer et al. 1995) between 20-23°C over rubble, sand, and gravel substrate. Eggs hatch 24-32 hours after fertilization (Flittner 1964).

We collected adults in Dashields and Emsworth pools in 2008 and young-of-year in Montgomery and New Cumberland pools. In March/April, 2009, adults were collected in all pools. In June/July, we collected adults in Emsworth Pool. In August, 2009, we collected adults and young-of-year in all pools.

Notropis hudsonius. The Spottail Shiner spawns from June through August (Nelson and Paetz 1992).

We collected adults in June/July, 2009 from New Cumberland and Montgomery pools. In August, 2009, we collected adults from Emsworth Pool.

Notropis rubellus. The Rosyface Shiner spawns over gravel and rubble from May through early June (Eddy and Underhill 1976).

We collected one young-of-year from New Cumberland Pool and adults from Montgomery Pool in June/July, 2009.

Notropis stramineus. The Sand Shiner broadcasts demersal/adhesive eggs (Platanina and Atenbach 1998) at temperatures ranging between 21-37°C (Smith 1985).

In June/July, we collected adults in all pools.

Notropis volucellus. The Mimic Shiner spawns at night on aquatic vegetation in early to midsummer (Breder and Rosen 1966, Stauffer et al. 1995). Its adhesive eggs are broadcast at night over aquatic vegetation (Black 1945). They mature in 2 years and females produce approximately 350 eggs. It attaches its adhesive eggs on aquatic vegetation.

In 2008, we collected adults and young-of-year in all pools. In March/April, 2009, we collected adults in all pools. In June/July, 2009, we collected young-of-year and adults from New Cumberland and Montgomery pools and adults in Emsworth Pool. During August, we collected young-of-year and adults from all pools. In particular, Emsworth Pool yielded 1773 young-of-year.

Pimephales notatus. The Bluntnose Minnow spawns in late spring through the summer (Eddy and Underhill 1976). The male builds nests under a variety of objects (e.g., woody debris, stones, etc.) and the female lays adhesive eggs in the nests that are guarded by the male (Phillips et al. 1982).

In 2008, we collected young-of-year in Emsworth Pool and adults in Montgomery Pool. In March/April, we collected adults in Montgomery and Emsworth pools. During June/July, we collected both adults and young-of-year in Emsworth Pool and adults in Montgomery Pool. In August, 2009, young-of-year and adults were collected in all pools, except New Cumberland Pool, where only adults were captured.

Pimephales promelas. The Fathead Minnow spawns from May to late August at temperatures higher than 17°C (Sargent 1989, Stauffer et al. 1995). Eggs are deposited at night and hatch in 4-8 days. A single female produces between 400-700 eggs.

We collected adults in the Emsworth Pool during March/April, 2009.

Rhinichthys obtusus. The Western Blacknose Dace spawns at temperatures 15-20°C over gravel (Schwartz 1958).

We collected the Western Blacknose Dace in Montgomery and Emsworth pools in April and in Emsworth and Dashields pools in June. We captured young-of-year in Montgomery Pool during April, 2008, and in all pools during June/July, 2009.

Carpiodes cyprinus. The Quillback migrates to spawning habitats in April-May, where it deposits eggs of sand (Scott and Crossman 1973).

During August, 2009, we collected three young-of-year in Montgomery Pool.

Hypentelium nigricans. The Northern Hogsucker spawns in mid-March to mid-May (Raney and Lachner 1946, Fuiman 1979) over a gravel substrate (Adams and Hankinson 1928). The eggs hatch in approximately 10 days and young-of-year occupy water greater than 25 cm deep (Buynack and Mohr 1978).

In March/April, 2008, we collected adults in Montgomery and New Cumberland pools. In June/July, we collected young-of-year in all pools except New Cumberland Pool. In August, we collected young-of-year in all pools, except Dashields Pool.

Ictiobus bubalus. The Smallmouth Buffalo spawns in shallow waters and a single female can produce up to 800,000 eggs (Osborn and Self 1965).

In March/April, we collected adults in Emsworth and New Cumberland pools.

Moxostoma anisurum. The Silver Redhorse spawns in the main channel of turbid rivers over a gravel/rubble substrate (Meyer 1962).

During August, 2009, we collected 3 young-of-year from Montgomery Pool and 1 young-of-year from Emsworth Pool.

Moxostoma carinatum. Male River Redhorse build redds in gravel substrate (Cooper 1983).

We collected adults in March/April in Emsworth Pool and 1 young-of-year during August in Montgomery Pool.

Moxosotoma breviceps. The Smallmouth Redhorse spawns in clear creeks in late May when temperatures reach 10°C (Nelson and Paetz 1992).

During March/April, 2009 we collected adults in New Cumberland Pool and one young-of-year in Montgomery Pool in August, 2009.

Moxosotoma carinatum. We collected River Redhorse adults in March/April from Emsworth Pool and 1 young-of-year during August from Montgomery Pool.

Moxostoma erythrurum. The Golden Redhorse spawns during May at temperatures of 15-21°C (Kwak and Skelly 1992). They spawn primarily over shoals downstream of deep pools. We collected adults in Montgomery Pool during 2008.

We collected adults in Montgomery and New Cumberland pools during March/April, and adults and young-of-year during August, 2009.

Percopsis omiscomaycus. The Trout Perch spawns in the spring and deposits eggs over boulders and gravel (Breder and Rosen 1966). They spawn at night and fecundity is approximately 346 (Muth 1975).

We collected one young-of-year in Emsworth Pool during June/July, 2009.

Fundulus diaphanus. The Banded Killifish deposits approximately 50 eggs per spawning pair in vegetation (Richardson 1939).

We collected one young-of-year during August, 2009, from the Montgomery Pool.

Labidesthes sicculus. The Brook Silverside breeds from late May through early June (Hubbs 1921). Each egg has an adhesive filament, which supports the egg in the water column and is used to anchor the egg to vegetation (Hubbs 1921). Grier et al. (1990) reports that the males have a short genital papilla immediately posterior to the anus, which is used for internal fertilization.

We collected young-of-year in June/July from all pools, except Dashiels Pool. Young-of-year and adults were present in August from Montgomery Pool.

Cottus bairdi. The Mottled Sculpin is a spring spawner. Gravid females are found as early as February and March (Grossman et al. 2002). Males guard a nest under rocks, court females to enter the nest, where she attaches on average 66 eggs (Grossman et al. 2002) on the roof of the shelter (Savage 1963). The female leaves the nest after depositing the eggs and the males guard the eggs.

We collected adults in Montgomery Pool during all sampling months except June/July, 2009.

Etheostoma blennioides. The Greenside Darter spawns over algae mats and gravel (Winn 1958a) from April-May (Winn 1958b). Eggs hatch in 18-20 days when temperatures are between 13-15°C (Winn 1958b). We collected one young-of-year and one adult from 2008 in New Cumberland Pool. Young-of-year were collected in all pools in June/July, 2009. Adults were collected in all pools during August, except Dashiels Pool, where one young-of-year was collected.

Etheosotoma caeruleum. The Rainbow Darter migrates to 25-35 cm deep riffles in late March to commence breeding (Winn 1958a). Each female produces some 880 eggs (Winn

1958b). Adults were collected in all pools during 2008, except from Montgomery Pool and 2 young-of-year were collected from New Cumberland Pool. During March/April, adults were collected from Emsworth Pool. In June/July, young-of-year were present in all pools. During August, adults and young-of-year were collected in all pools.

Etheostoma flabellare. The Fantail Darter spawns in April/May (Winn 1958a, 1958b). A single female can produce some 450 eggs.

In 2008, we collected adults in all pools and three young-of-year were collected in New Cumberland Pool. During March/April, we collected adults in Emsworth Pool. During June/July, young-of-year were collected in all pools, except from New Cumberland Pool. During August, we collected adults from all pools, except New Cumberland Pool, and young-of-year from Emsworth Pool.

Etheostoma nigrum. The Johnny Darter spawns from mid-March to mid-May (Winn 1958a, Parrish et al. 1991). A two-year old female can produce over 1000 eggs (Winn 1958b).

In 2008, we collected adults from all pools. In March/April, we collected adults from Emsworth Pool. During June/July, we captured young-of-year in all pools, except New Cumberland Pool and adults in Emsworth Pool. During August, we captured adults in all pools and young-of-year in Montgomery and Emsworth pools.

Etheostoma zonale. The Banded Darter begins spawning in late March/early April when water temperatures are between 8-10°C and stops in July when water temperatures exceed 24°C (Barron and Albin 2004). They mature when they are 2 years old, with some precocious males maturing at 1 year old (Lachner et al. 1950).

We collected adults in all pools, except from Montgomery Pool, where we collected one young-of-year during 2008. During March/April, 2009, we collected adults from all pools, except Dashields Pool. During June/July, 2009, we collected young-of-year in Emsworth and Dashields pools and adults from Montgomery and New Cumberland pools. During August, 2009, we collected both adults and young-of-year in Dashields, Emsworth, and Montgomery pools, and young-of-year in New Cumberland Pool.

Percina caprodes. The Logperch migrates from deep water into the shallows in April to June to spawn over a sand substrate (Winn 1958a). Spawning takes place in early morning to early evening. A two year old female will produce approximately 2000 eggs (Winn 1958a).

We collected adults from all pools in 2008. In March/April, 2009, we collected adults from all pools except Dashields Pool. During June/July, 2009, we collected young-of-year in all pools, except Dashields Pools. During August, 2009, we collected adults and young-of-year in all pools.

Percina copelandi. The Channel Darter spawns in late spring through early summer and buries its eggs in gravel (Winn 1958a). A two-year old female can produce some 720 eggs (Winn 1958b). In 2008, we collected adults and young-of-year in all pools, except Montgomery Pool. During March/April, 2009, we collected adults in all pools.

During June/July, 2009 and August, 2009, we collected adults and young-of-year in all pools.

Percina evides. The Gilt Darter spawns in early spring and appear to select deeper microhabitats (Skyfield and Grossman 2008).

During 2008, we collected adults in Montgomery and New Cumberland pools. In August, 2009, we collected young-of-year and adults in Emsworth Pool.

Percina macrocephala. The Longhead Darter spawns in early spring, but little is known about its reproductive habits (Stauffer et al. 1995).

We collected the Longhead Darter in the Emsworth Pool. We collected 12 young-of-year during June/July, 2009 in Emsworth Pool.

Aplodinotus grunniens. The Freshwater Drum spawns in the spring at water temperatures between 18-22°C. Eggs are released over shallow gravel and sandy stretches along the shoreline. The eggs are adhesive and hatch within about two weeks (Schultz 2003). In 2008, young-of-year were collected in all pools.

During March/April, 2009, we collected adults in Emsworth and New Cumberland pools. During June/July, 2009, we collected 73 young-of-year in Montgomery Pool and in August, 2009, young-of-year were collected in all pools.

DISCUSSION

The silver chub is listed as endangered by the Pennsylvania Fish and Boat Commission (<http://www.pacode.com/secure/data/058/chapter75/chap75toc.html>). We captured young-of-year/larvae in all of the pools. Because they are broadcast spawners, we doubt that disturbance of the substrate would smother eggs; however, increased turbidity may affect the ability of larvae to feed and survive.

The Mooneye and Goldeye are listed as threatened by the Pennsylvania Fish and Boat Commission. They breed in late spring and early summer based on both the literature and the fact that we captured them only in our June/July sampling. The fact that the larvae are semibouyant and pelagic suggests that disturbance of the substrate will not adversely affect survival of eggs; however, increased turbidity may affect their ability to feed and survive. Our data show that although extremely rare, these fishes spawn within the study area. Based on the fact that a single female of these species produces thousands of eggs, we predict that should water quality continue to improve these two species may have a rapid recovery.

The Skipjack Herring is listed as threatened by the Pennsylvania Fish and Boat Commission. We collected larvae in both the Montgomery and Dashiels pools. Again, this species is a pelagic spawner; thus, disturbance of the substrate will not smother the eggs; however, increased turbidity may affect the ability of larvae and young-of-year to feed and survive.

The Bluebreast Darter is listed as threatened by the Pennsylvania Fish and Boat Commission. It deposits demersal adhesive eggs in riffle areas during the Spring. Because the preferred habitat of young-of-year and adults is the shallow swift-flowing areas immediately below the dams, this species will be vulnerable to dam removal/replacement during the early spring when water temperatures are between 10-24°C.

The Tippecanoe Darter is listed as threatened by the Pennsylvania Fish and Boat Commission. They spawn in deep runs where they bury their eggs in gravel. Because the preferred habitat of young-of-year and adults is the shallow swift-flowing areas immediately below the dams, this species will be vulnerable to dam removal/replacement during the early spring when water temperatures are between 22-27°C.

The Bowfin is listed as a candidate species by the Pennsylvania Fish and Boat Commission. They breed in the spring and we captured one larva in a meter net in August, 2009. Because a single female can produce thousands of eggs, we predict that Bowfin could recover rapidly should populations be adversely affected.

Although the River Darter is not listed by the Pennsylvania Fish and Boat Commission, it has recently been collected in Pennsylvania (Freedman et al. 2009) and will probably be listed in the near future. To date, it is restricted to the Montgomery and New Cumberland pools, but we

predict that it will eventually colonize the other two pools. It spawns over gravel in strong currents; thus, it will be vulnerable to dam removal/replacement during the early spring.

Based on the data we collected, we predict that the listed species most vulnerable to proposed navigational facility improvements would be the darters (i.e., genera *Etheostoma*, *Percina*). These species spawn primarily in the shallow swift moving waters found directly below the dams in the study area during the spring/early summer. They deposit demersal adhesive eggs, thus their spawn would be more vulnerable to increased sedimentation than the other species, which are primarily pelagic spawners. A key to larval and juvenile darters is illustrated in Appendix VI.

We demonstrated that a variety of gears were needed to adequately sample the larval and young-of-year fishes. We captured many more fishes (see Appendices) with the benthic electrified trawl than with meter nets or surface trawls; however, the only Bowfin collected was with a surface meter net. Additionally, we concluded that seines were much more effective in collecting larval and young-of-year fishes than light traps in near shore habitats within our study area. We postulated that the barge traffic within the pools created wave surges along the shoreline that disrupted the effectiveness of the light traps to collect and hold larval fishes.

RECOMMENDATIONS

Specific information on the life history characters of all fishes captured in this study can be found under the heading **SPECIES ACCOUNTS**. As stated above there were seven species collected that are listed by the Pennsylvania Fish and Boat Commission as Threatened, Rare, or Candidate species. Most of these fishes spawn in the shallow, fast-moving water just below the upstream dams. Observations by SCUBA in the deep waters (ca. 6-10m) of the free flowing main channel of the Allegheny River have revealed that these species will also spawn in deep, fast-flowing waters over a sand/gravel/rubble substrate. Additionally, sport fishes and pelagic species of Special Concern were identified.

Since the mid 1900's the use of artificial structures has been used in freshwater habitats to provide spawning areas to increase natural production, provide cover for survival of juvenile fishes, and increase catch per unit effort of anglers (Bolding et al. 2004). It is therefore recommended that the Army Corps of Engineers (ACE) implement the use of artificial structures to increase production and survival of selected fish species.

Increased production of benthic fishes. It is recommended that the ACE suspend artificial substrates within the channel at depths between 8-10m. These substrates should consist of wire bounded baskets 5 x 10 m that are filled with gravel/rubble/boulders. Such structures would provide spawning habitat for those endangered and threatened species (e.g., darters (*Etheostoma*, *Percina*) and minnows (*Macrohybopsis storeriana*). If such structures are suspended in the water column and not placed directly on the bottom of the impoundment, siltation and sedimentation would be reduced. In addition to providing spawning habitat, these artificial substrates would be colonized by adult fishes.

Cover for pelagic spawning fishes. Aggregations of evergreen trees have been used to increase cover for small pelagic fishes after hatching. The many interstitial spaces created by felled evergreen or bound evergreen trees provide many places for these larvae/juvenile fishes to hide. The resulting increased production from epiphytic algae will also provide a food source for juvenile fishes. Additionally, the dense cover will attract a multitude of pan and game fishes, including a variety of sunfish, crappies, and black basses (Johnson and Lynch 1992, White 1996). Finally, they provide effective spawning habitat for Yellow Perch (Day 1983). Johnson and William (1992) reported increased fishing success around submerged evergreen trees and

concluded that their use was cost effective. A major disadvantage to the use of evergreen trees, is that they need replaced approximately every three years, because of their loss of needles and small branches.

Woody debris. Woody debris can consist of downed trees or log cribs. Depending upon the structures used, they provide a multitude of interstitial spaces. If placed in shallow water, they will provide spawning habitat for fishes such as the Brook Silverside and refugia for many larval/juvenile species. Such structures can be bound together with a variety of materials (e.g., polypropylene rope, galvanized wire) and weighted by cement blocks or sand bags (Bolding et al. 2004). Such structures offer the additional advantage of providing environments and nutrients for periphyton and invertebrates upon which many fishes feed.

Vegetation. The mouths of tributaries in the main channel are very productive sites that attract larvae, juvenile, and adult fishes. They further act as a catchment area for the spawn of fishes that migrate upstream in these tributaries to reproduce. It is recommended that either natural vegetation be planted at the mouths of tributaries or artificial mats that simulate aquatic plants be anchored in these areas. Such structures would provide refugia for young fishes and thus, enhance survival.

Placement. The above structures should be anchored in the main channel at depths at which they will not be disturbed by barge traffic or create hazards for recreational users. The channels are defined throughout the system by several islands. The area between the islands and the near shore are usually not utilized by barge traffic and may be an excellent locality to place one or more of the above structures.

Assessment. The lock and dam system in the Ohio River system in Pennsylvania is a varied and unique habitat. It is recommended that a variety of the proposed structures be installed and the benefits, costs, and disadvantages be evaluated over a two year period.

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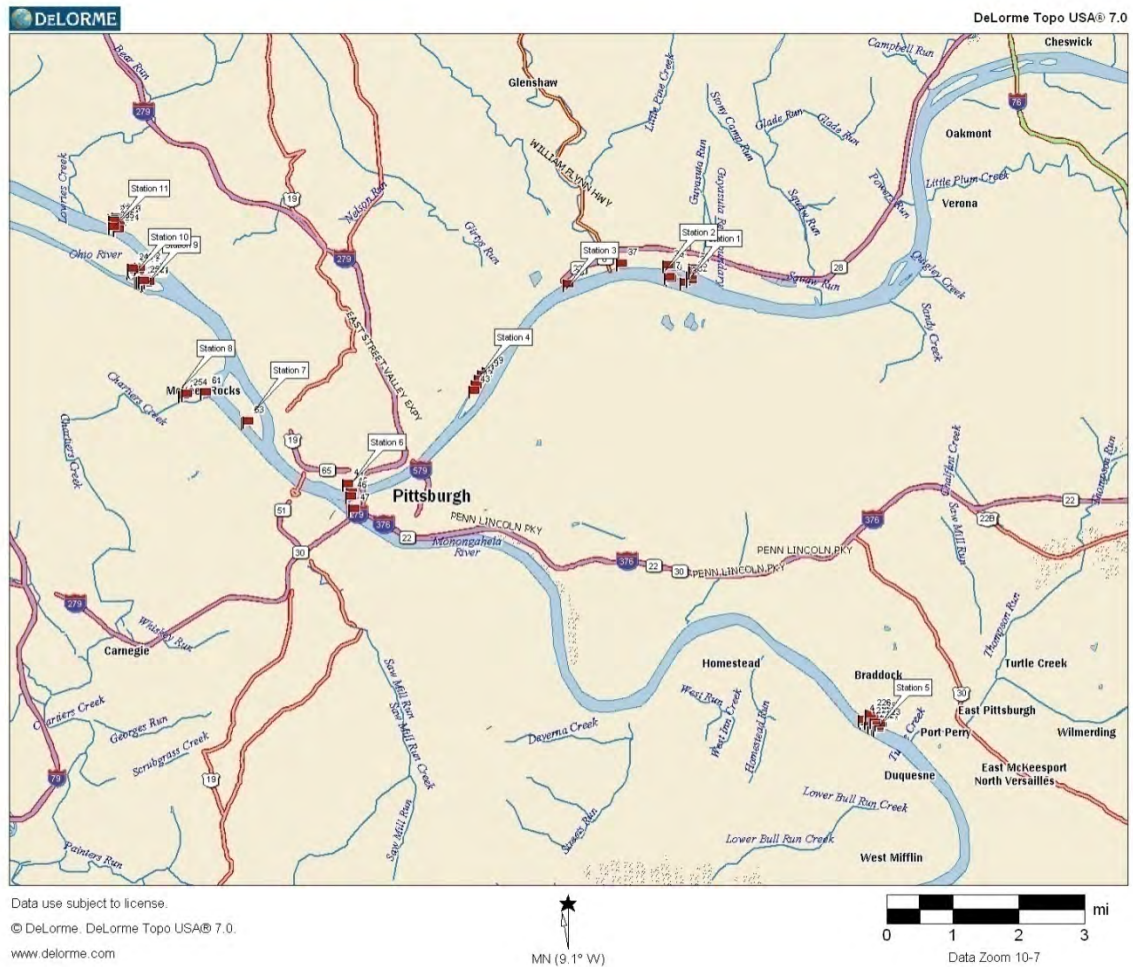
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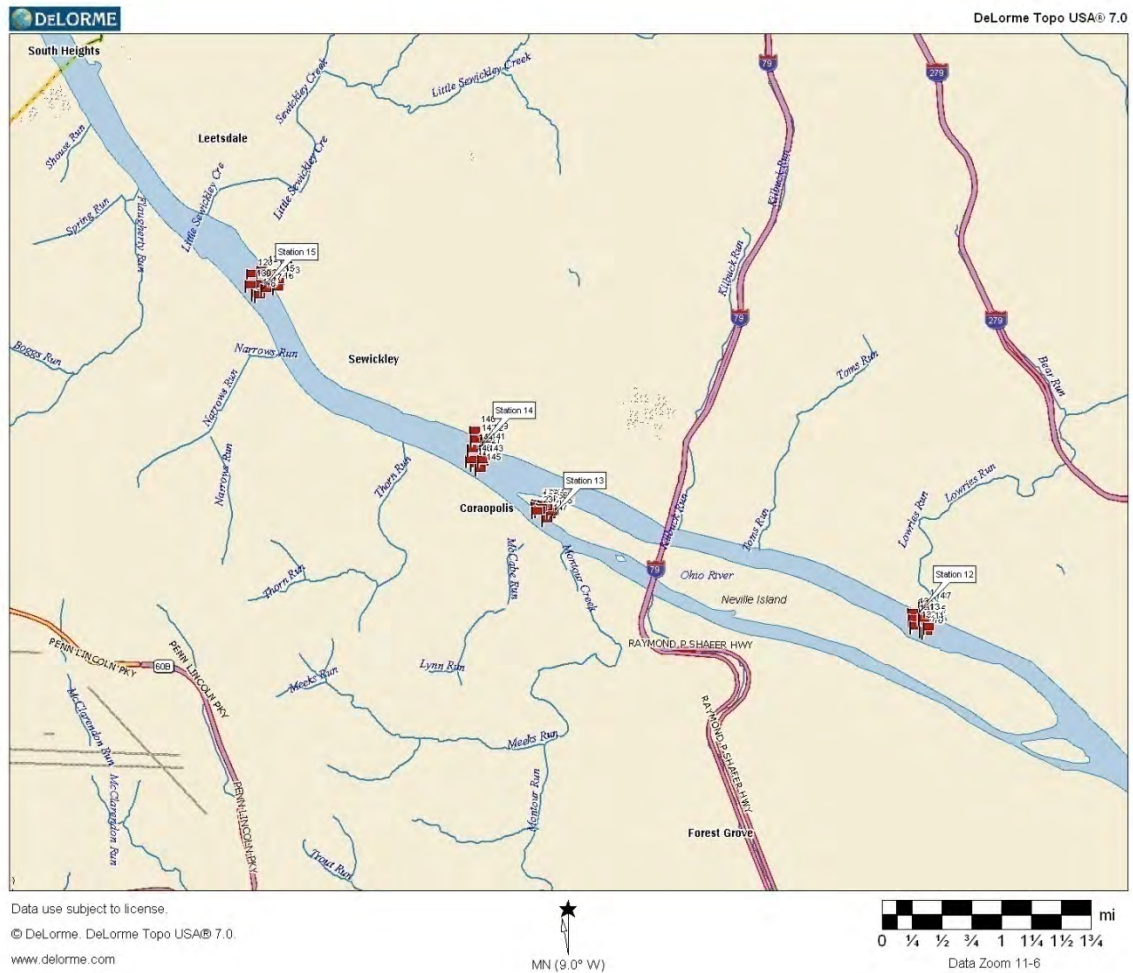
Appendix I

Detailed Maps of the Study Area



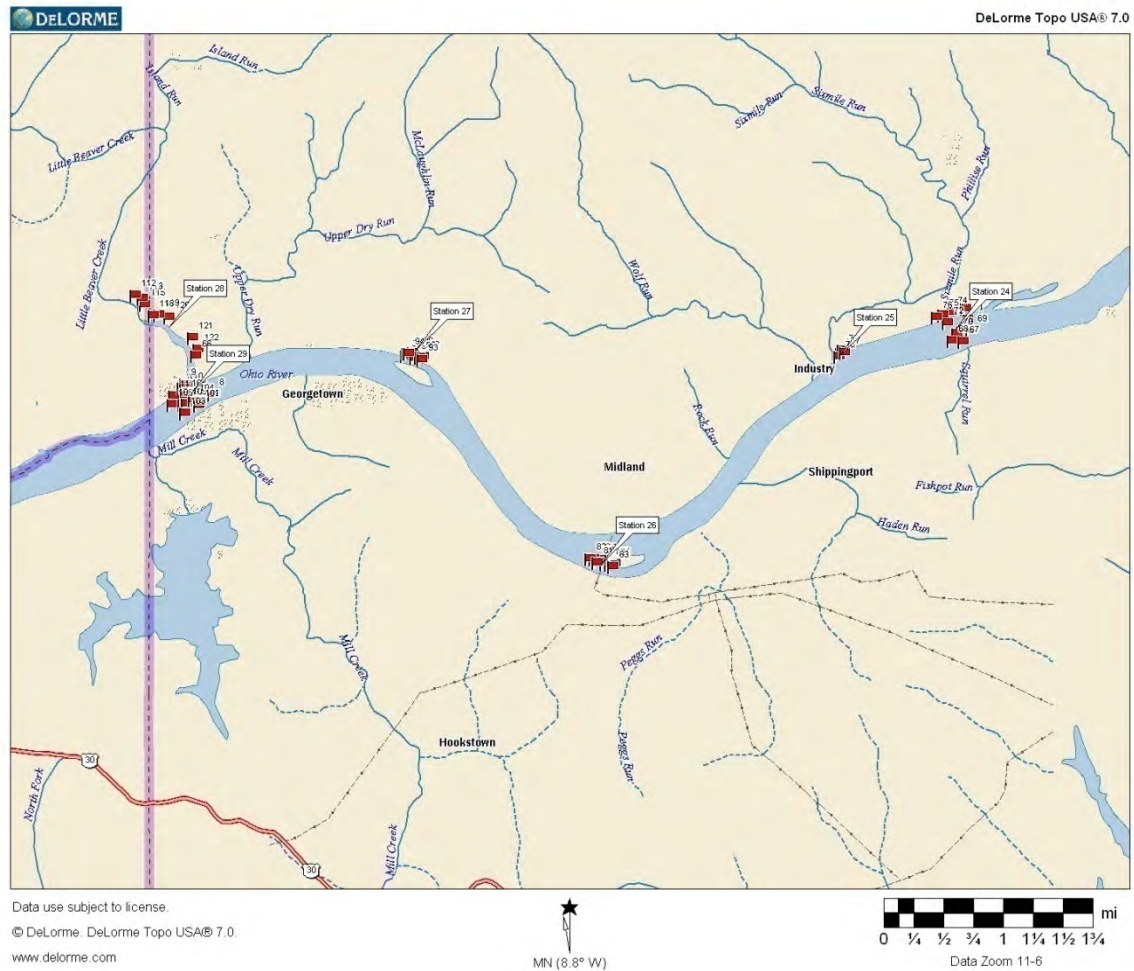
Stations located in the Emsworth Pool.

The Emsworth Pool contained 11 stations: 2 main channel pool stations, 2 back channel island stations, and 3 tributary stations.



Stations located in the Dashields Pool.

The Dashields Pool contained 4 station; 3 main channel pool station, and 1 back channel island station.



Stations located in the New Cumberland Pool.

The New Cumberland Pool contained 7 sites: 2 main channel pool stations, 2 back channel island stations, and 3 tributary stations.

APPENDIX II

Key to YOY Fishes

In order to aid in the identification of YOY fishes in the field we are including keys for identification to the lowest possible taxon of the fishes we captured. These keys are designed to be practical field guides. Therefore they deal with characters that can be seen with the naked eye or under slight magnification. Identification of fish in the initial stages of development needs to be conducted in the laboratory. Good keys for the identification of fishes at the earliest stage can be found in the series Reproductive Biology and Early Life History of Fishes in the Ohio River Drainage.

The following keys deal mainly with juvenile characteristics that have developed to a point that a positive identification to genus or species can be made. Comparing the characteristics of well developed juveniles to less developed individuals can lead to positive identification of progressively younger individuals, Figure 1.

Figure 1. Comparison of progressively less developed *Cyprinella spiloptera*.



The key is comprised of several parts. Initially, is the key to all of the families captured and serves as an overall starting point, Key to Young Upper Ohio River Fishes (KYUOHRF). The design of the KYUOHRF is intended to eliminate most of the smaller families of fish first. Steps 1 through 11 eliminate all families except Clupeidae, Hiodontidae, Cyprinidae, Catostomidae, Moronidae, and Centrarchidae.

Key to Young Upper Ohio River Fishes

Because this is a key to all fish families based on external characters, some characters are shared between splits. When this happens other characters are also provided. Using the characters in concert is necessary for proper identification. Exceptions to the characters listed are also provided.

Early median fin-fold development of larval fishes can make the dorsal and anal fins appear to be long or even continuous with the caudal fin. The stage of development of the fish needs to be taken into account when working through the following key. Once fin rays have begun to develop, this key is most precise, but it is useful for fishes prior to full median fin development. Comparing a fully developed juvenile to a slightly less developed fish can lead to positive ID's of progressively lesser developed individuals, Figure 1.

1A Single dorsal fin, fishes with an adipose fin included herein.

Fish from Centrarchidae and Moronidae may appear to have 2 dorsal fins, but in fact only have a single dorsal fin with a rayed and spinous portion.

Goto 4

1B 2 dorsal fins

Usually not laterally compressed (possible exceptions *E. camurum*, *E. maculatum*, *E. tippecanoe*)

Not including species with adipose fin or deeply notched dorsal fins

L. sicculus, *C. bairdi*, Percidae

Goto 2

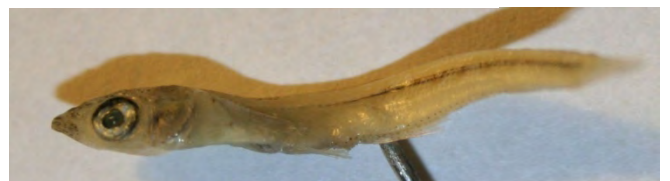
2A 2 widely spaced dorsal fins

First dorsal small with insertion above long anal fin

Beak-like snout

Labidesthes sicculus (Fig. 2)

Figure 2. Juvenile *L. sicculus*.



2B Dorsal fins not as widely spaced

Dorsal fins usually further forward

Do not have beak-like mouth

Cottus bairdi, Percidae

Goto 3

Figure 3. *C. bairdi*.



3A Dorsally/ventrally compressed

Large bulbous head

Ventral portion flat

No teeth

Cottus bairdi (Fig. 3)

3B Laterally compressed or rotund

Many darters are flat beneath but lack bulbous head

Most do not have teeth

Sander spp may have teeth early (canines used as key character)

See **Percidae** key (Pg. 78)

4A 0-2 barbels on each side of the mouth

Goto 5

4B More than 2 barbels on each side of the mouth

For family Ictaluridae there is no distinct larval stage

Larvae resemble adults

I. punctatus, *P. olivaris*

Goto 6

5A Long dorsal fin extending over half of the length of the body even when fully developed

Short anal fin

Cylindrical body not compressed

Bulbous head

Teeth visible at an early stage of development

Amia calva

5B Dorsal fin could be relatively long, but shorter than half the length of the body

Anal fins can be long or short

Teeth are sometimes visible

Goto 7

6A Deeply forked caudal fin
Little or no pigment
Ictalurus punctatus (Fig. 4)

Figure 4. Juvenile *I. punctatus*.



6B Caudal fin is not forked
Body usually heavily pigmented
Flat head
Pylodictis olivaris (Fig. 5)

Figure 5. Juvenile *P. olivaris*.



7A Elongate cylindrical shape
Dorsal position above or just anterior
to anal fin both posterior to mid point
L. osseus, Esocidae, *Fundulus diaphanus*
Goto 8

Figure 6. *L. osseus*.

7B Not as elongate
Dorsal fin anterior to anal fin
Snout not beak-like, duckbill-like superior
Goto 10



8A Long beak-like snout
Lepisosteus. Osseus (Fig. 6)

8B Shorter snout
Goto 9

Figure 7. Juvenile *F. diaphanus*.

9A Duckbill like snout
Esocidae

9B Small superior mouth
No lateral line
Flattened dorsally
Fundulus diaphanous (Fig. 7)



10A Laterally compressed
High backed
Flat ventrally
Long dorsal fin spinous anteriorly as fish develops
Middle rays of caudal fin longest

Figure 8. Juvenile *A. grunniens*.



Aplodinotus grunniens (Fig. 8)

- 10B** Fish may be laterally compressed or cylindrically shaped
Fish may have long dorsal fins with spines but not as high backed and flat beneath
Middle rays of caudal fin not longer than others
Goto 11

Figure 9. Juvenile *P. omiscomaycus*.

- 11A** Possesses an adipose fin
No barbells
Percopsis omiscomaycus (Fig. 9)



- 11B** No adipose fin
Have single dorsal fin but may be deeply notched and appear as two
Clupeidae, Hiodontidae, Cyprinidae, Catostomidae, Moronidae, Centrarchidae.
Goto 12

- 12A** Fish are laterally compressed
Dorsal fins are long and may be deeply notched
Developed fish have terminal mouths
Developed fish have spinous dorsal fins anterior to rayed portion
No barbells
Thoracic pelvic fins
Moronidae, Centrarchidae
Goto 13

- 12B** May be laterally compressed
Dorsal fin could be long
Developed fish could have subterminal mouths
No spines in fins except *C. cyprinus* which possesses barbels
Abdominal pelvic fins
Clupeidae, Hiodontidae, Cyprinidae, Catostomidae
Goto 14

Figure 10. Juvenile Moronidae.



- 13A** Spinous dorsal fin develops secondarily
Spinous and soft dorsal fin may be deeply notched
Larvae with developed mouths have visible teeth
See **Moronidae** key (Fig. 10 & pg. 77)

Figure 11. Juvenile Centrarchidae.

- 13B** Spinous and soft dorsal fin continuous
Larvae have no visible teeth
See **Centrarchidae** key (Fig. 11 & pg. 68)



- 14A** Fish very compressed laterally
No spines in fins
May possess a keel of “bony” scutes
See **Clupeidae/Hiodontidae** key (Fig. 12 & pg. 71)

Figure 12. Juvenile Clupeidae.



- 14B** Fish could be compressed laterally
One species may appear to have spines in fins *C. cyprinus*
Fish do not possess a keel of “bony” scutes
Goto 15

- 15A** *C. cyprinus* is the only species with
long dorsal but has barbels
Anal fin positioned apart from caudal fin
Some have barbels
See **Cyprinidae** key (Fig. 13 & pg. 73)

Figure 13. Juvenile Cyprinidae.



- 15B** Dorsal fin could be long or short
Anal fin positioned close to caudal fin
Have inferior sucker-like mouth
Early stages with lateral band that starts on caudal peduncle and splits into Y anteriorly
None have barbels
See **Catostomidae** key (Fig. 14 & pg. 66)

Figure 14. Juvenile
Catostomidae.



Catostomidae Key

Below is a key to YOY sucker species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying suckers is difficult. Looking at many young fish is the best way to learn to identify young Catostomids. Differences in the key characteristics are subtle.

1A long dorsal fin ≥ 18 rays

Ictiobus spp, *Carpiodes* spp

Goto 2

1B dorsal fin < 18 rays

Hypentelium nigricans, *Moxostoma* spp

Goto 3

2A No pigment in pelvic and anal fins

Sub-triangular sub-opercle

***Carpiodes* spp** (Fig. 15)

2B Scattered pigment in anal and pelvic fins

Semi-circular sub-opercle

***Ictiobus* spp.** (Fig. 16)

3A Large fleshy papillose lips

3-5 dark saddles

Hypentelium nigricans (Fig. 17)

3B No papillae on lips

***Moxostoma* spp.** (Fig. 18)

Figure 15. Juvenile *Carpiodes*.



Figure 16 Juvenile Ictiobus.



Figure 17. Juvenile *H. nigricans*.



Figure 18. Juvenile *Moxostoma*.



Centrarchidae Key

Below is a key to YOY sunfish species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying young sunfish is difficult. Looking at many young fish is the best way to learn to identify young centrarchids. Differences in the key characteristics are subtle.

1A Number of anal-fin spines 3

Pigmentation forming many vertical bars, uniform throughout, forming a lateral stripe, or row of lateral blotches

Lepomis, *Micropterus*

Goto 2

Figure 19. Juvenile *L. macrochirus*.

1B Number of anal-fin spines 6

Heavily pigmented or pigmentation forming vertical bars

Ambloplites, *Pomoxis*

Goto 6



2A Pigmentation forming many vertical bars

From early stage have several spots of pigment in a distinct line along median of breast -- these are lost as fish develops

Lepomis macrochirus (Fig. 19)

2B Pigment usually uniform (possibly with bars), forming a lateral stripe, or row of lateral blotches

Do not have a line of spots along median of breast

Micropterus

Goto 3

Figure 20. Juvenile *M. dolomieu*.

3A Uniform pigmentation developing into bars

Pigmentation bar in caudal fin

No lateral stripe or row of blotches

Micropterus dolomieu (Fig. 20)



3B Pigmentation forming a lateral stripe or row of blotches

M. punctulatus, *M. salmoides*

Goto 4

4A Pigmentation forming a lateral stripe or row of blotches

Pigmentation bar of caudal fin darker at lobes than in center

Micropterus punctulatus (Fig. 21)

Figure 21. Juvenile *M. punctulatus*.



5A Pigmentation forming a lateral stripe or row of blotches

No pigmentation bar in caudal fin

Micropterus salmoides

6A Heavy mottled pigment on body from early in development forming 4 dorso-lateral bars

Ambloplites rupestris (Fig. 22)

6B Narrow bars of pigment

Pomoxis nigromaculatus

Figure 22. Juvenile *A. rupestris*.



Clupeidae/Hiodontidae Key

Below is a key to YOY shad and mooneye species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying young shad and mooneye is difficult. Looking at many young fish is the best way to learn to identify young clupeids and hiodontids. Differences in the key characteristics are subtle.

- 1A** Anal fin posterior to dorsal fin
Scutes develop at 28 to 30mm
A. chrysochloris, *D. cepedianum*
Goto 2

- 1B** Dorsal fin over anal fin
No scutes
H. alosoides, *H. tergisus*
Goto 3

- 2A** Pigment uniformly dispersed in the dorsal and caudal fins with more in the caudal fin
Last rays of dorsal fin elongated
Dorosoma cepedianum (Fig. 23)

- 2B** Little pigment in dorsal and caudal fins
Pigment of dorsal and caudal fin outlines rays
No elongate rays of dorsal fin
Alosa chrysochloris (Fig. 24)

- 3A** Dorsal-fin insertion even with or behind anal fin origin
Hiodon alosoides

- 3B** Dorsal-fin insertion in front of anal fin insertion
Hiodon tergisus (Fig. 25)

Figure 23. Juvenile *D. cepedianum*.



Figure 24. Juvenile *A. chrysochloris*.



Figure 25. Juvenile *Hiodon tergisus*.



Cyprinidae Key

Below is a key to YOY minnow species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying young minnows is very difficult. Looking at many young fish is the best way to learn to identify young cyprinids. Differences in the key characteristics are very subtle.

1A Terminal mouth

C. spiloptera, *N. atherionoides*, *N. rubellus*

Goto 2

1B Subterminal or inferior mouth

C. anomalum, *C. carpio*, *E. dissimilis*, *H. amblops*, *M. storeriana*, *N. hudsonius*, *N. stramineus*, *N. volucellus*, *P. notatus*, *P. promelas*, *R. obtusus*

Goto 4

2A Mouth horizontal and body laterally compressed

Scales darkly outlined and diamond shaped

Dorsal-fin insertion at or slightly behind pelvic-fin insertion

8 anal-fin rays

Pigment spot in rear part of dorsal fin

Underside of lower lip horseshoe-shaped

Pigment starts behind lower lip

Continues median to sides of lower jaw

Pigment line overlapped by sides of jaw (Fig. 26)

Cyprinella spiloptera (Fig. 27)

Figure 26. Chin shape and pigment, *C. spiloptera*.



2B Mouth more upturned

Scales not as darkly outlined, less uniform, and not diamond shaped

Dorsal-fin insertion usually well behind pelvic-fin insertion

>9 anal-fin rays

N. atherinoides, *N. rubellus*

Goto 3

Figure 27. Juvenile *C. spiloptera*.



3A Snout pointed

Dorsal-fin insertion well behind pelvic-fin insertion

10-12 anal-fin rays

From beneath, chin appears to come to a point

Lower lip pigmented and forms a widow's peak under the chin

Pigment appears "on top" not overlapped by sides of jaw (Fig. 29)

Notropis atherinoides (Fig. 28)

Figure 29. Chin pointed and widow's peak, *N. atherinoides*.



3B Snout longer and pointed

Dorsal-fin insertion may be further behind pelvic fin insertion

9-11 anal-fin rays

No widow's peak

Notropis rubellus

Figure 28. Juvenile *N. atherinoides*.



4A Fish with at least 1 barbel on each side of upper jaw

C. carpio, *E. dissimilis*, *H. amblops*, *M. storeriana*, *R. obtusus*

Goto 5

4b Fish lacks barbels

C. anomalum, *N. hudsonius*, *N. stramineus*, *N. volucellus*, *P. notatus*, *P. promelas*

Breeding male *P. promelas* contain tubercle in corner of the mouth, which may resemble barble at first glance.

Goto 9

5A Many small scales or appears un-scaled

Cylindrically shaped

Dark lateral band

Rhinichthys obtusus (Fig. 30)

Figure 30. Juvenile *R. obtusus*.



5B Larger scales

More laterally compressed

C. carpio, *E. dissimilis*, *H. amblops*, *M. storeriana*

Goto 6

6A 2 barbels on each side of upper jaw

Long dorsal fin 17-21 rays

Laterally compressed

Cyprinus carpio

- 6B** 1 barbel
 Dorsal fin with < 10 rays
 Less compressed laterally
E. dissimilis, *H. amblops*, *M. storeriana*
 Goto 7

Figure 31. Juvenile *H. amblops* showing fin



- 7A** Dorsal-fin origin above or behind the pelvic-fin insertion
Hybopsis amblops (Fig. 31)

- 7B** Dorsal-fin origin in front of pelvic-fin origin
E. dissimilis, *M. storeriana*
 Goto 8

Figure 32. Juvenile *M. storeriana*.



- 8A** Slender fairly compressed body
 8 anal-fin rays
 White edge on caudal fin of adults may be visible in juveniles
Macrhybopsis storeriana (Fig. 32)

Figure 33. Juvenile *E. dissimilis*.

- 8B** Long slender body deepest at nape
 7 anal-fin rays
 7-15 blotches along side
Erimystax dissimilis (Fig. 33)



- 9A** Scales crowded on nape (Fig. 34)
P. notatus, *P. promelas*
 Goto 10

Figure 34. Scale crowding on nape.



- 9B** Scales uniform in size on nape
C. anomalum, *N. hudsonius*, *N. stramineus*,
N. volucellus
 Goto 11

Figure 35 Juvenile *P. notatus*.

- 10A** Usually a dark caudal spot
 Subterminal and horizontal mouth
 Cylindrically shaped
Pimephales notatus (Fig. 35)



- 10B** May have a light caudal spot

Subterminal mouth slanted upwards slightly
Pimephales promelas

11A Continuous lateral line
Cartilaginous lower lip, may not be developed in juveniles
Campostoma anomalum

11B Punctuate lateral line at front
No cartilaginous lower lip
N. hudsonius, *N. stramineus*, *N. volucellus*
Goto 12

12A 7 anal-fin rays
Scales along sides as wide as tall
Notropis stramineus (Fig. 36)

12B 8 anal-fin rays
N. hudsonius, *N. volucellus*
Goto 13

13A Scales along the side are taller than wide
Notropis volucellus (Fig. 37)

13B Scales along the side are as wide as tall
Notropis hudsonius

Figure 36. *Notropis stramineus*.



Figure 37. *Notropis volucellus*.



Moronidae Key

Below is a key to YOY temperate bass species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying young *Morone* is difficult. Looking at many young fish is the best way to learn to identify young moronids. Differences in the key characteristics are subtle.

- 1A** Some pigmentation dorsally
Pigmentation forming 6 to 10 vertical bars
Fins have some pigmentation
Morone saxatilis (Fig. 38)
- 1B** little or no pigmentation dorsally
Pigmentation does not form vertical stripes
Almost no pigmentation in the fins
Morone chrysops (Fig. 39)

Figure 38. Juvenile *M. saxatilis*.



Figure 39. Juvenile *M. chrysops*.

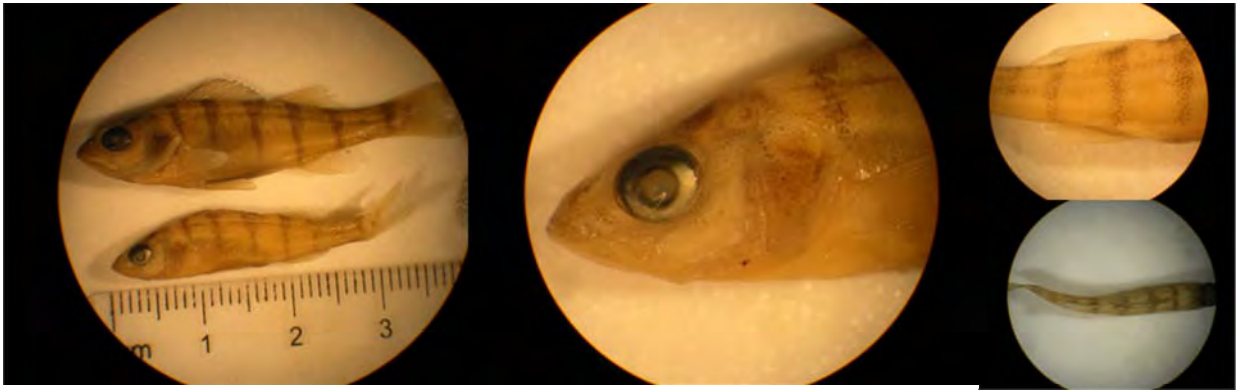


Percidae Key

Below is a key to YOY Percidae species captured during the survey. This key works for post-yolk sac larvae through adults. Identifying perches is difficult. Looking at many young fish is the best way to learn to identify young percids.

1.

a. slab-sided body, 6-8 lateral bars joining dorsally and forming point on lower half of body.....*Perca flavescens*

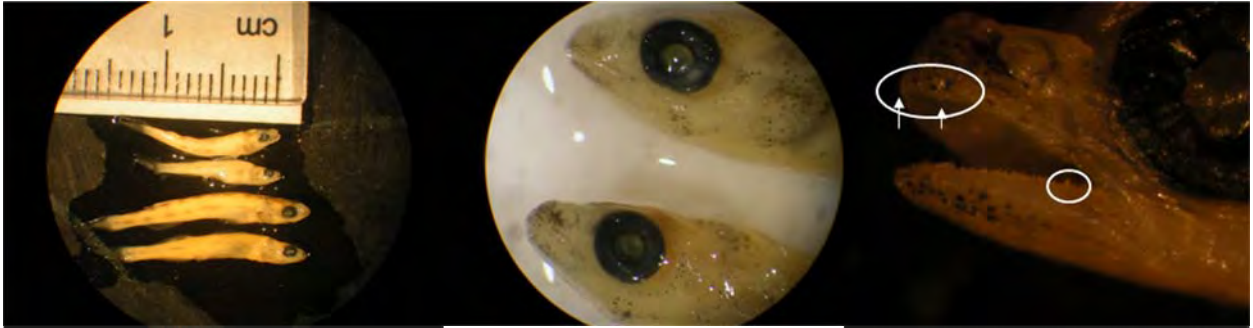


b. elongate body.....2



2.

- b. large eye, large jaw (reaching well under eye), visible canine teeth.....*Sander spp.*3



- b. Canine teeth lacking (may have serrated teeth).....4

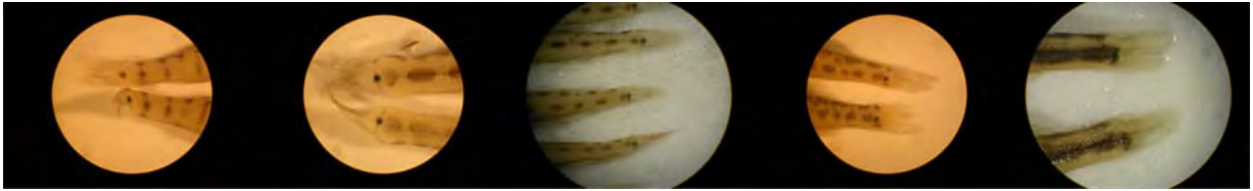
3.

- a. 42-45 total myomeres (larvae), (Simon and Wallus, 2006), crescents/spots present in spinous dorsal membrane (juv./adults).....*Sander canadensis*

- b. 45-46 total myomeres (larvae) , (Simon and Wallus, 2006), dusky spinous dorsal membrane with dark blotch on posterior edge (juv./adults).....*Sander vitreus*

4.

a. **Prominent caudal spot** present that is darker than most other body pigmentation.....5

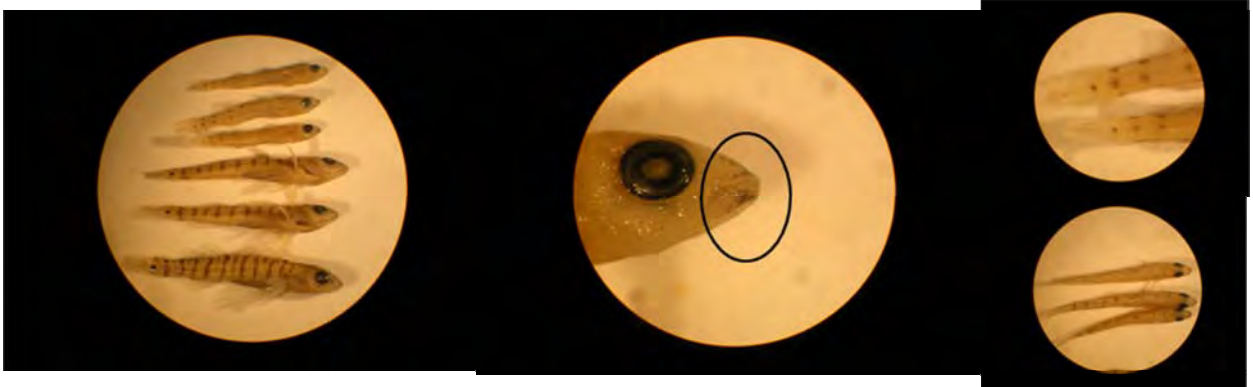


b. Caudal spot may appear as a blotch, light spot, or other pigment similar in shade to other body pigmentation.....9



5.

a. Tiger-like lateral bars may or may not join dorsally, fairly pointed snout typically containing dark pigment.....*Percina caprodes*



b. Body pigmentation consisting of lateral blotches and saddles.....6

6.

- a. Blotches wider than tall, dorsal saddles (6-8) Intermixed with crosshatches, snout stubbler and snout more subterminal than other species with caudal spot.....*Percina copelandi*



- b. Snout pointier with more terminal mouth, blotches larger and usually as tall as wide.....7

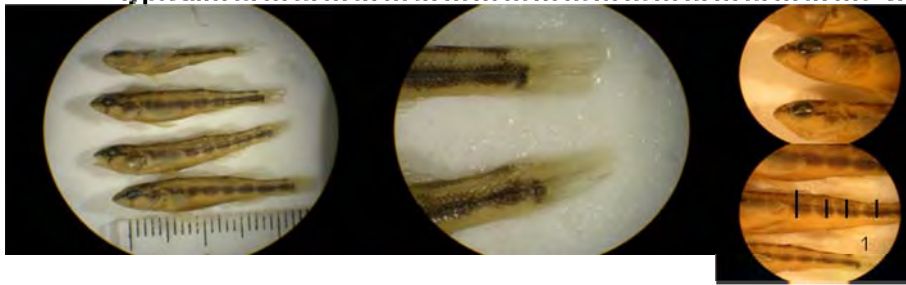
7.

- a. Long snout, blotches wide usually forming wide lateral stripe, light unpigmented line between lateral markings and dorsal saddles(1), usually spot at anterior base of soft dorsal fin(2).....*P. macrocephala*

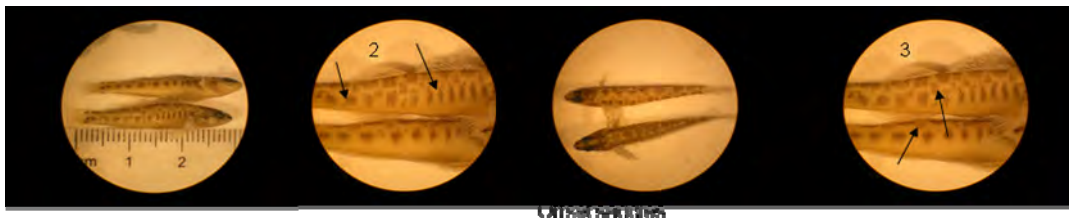


- b. Blotches separate, no light line on dorsolateral surface.....8

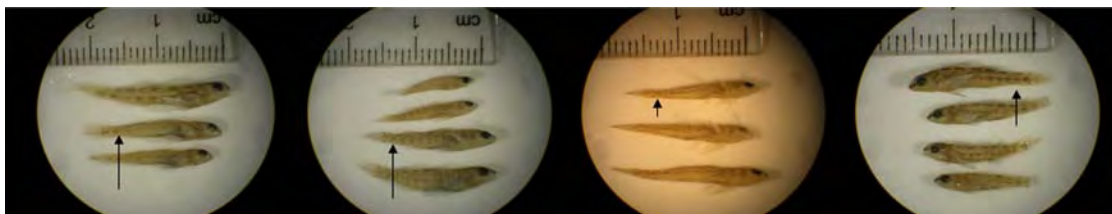
8. a. Caudal spot extending downward into a bar, light spot above caudal spot, usually 7 lateral blotches in line with saddles(1), prominent teardrop typical.....*Percina evides*



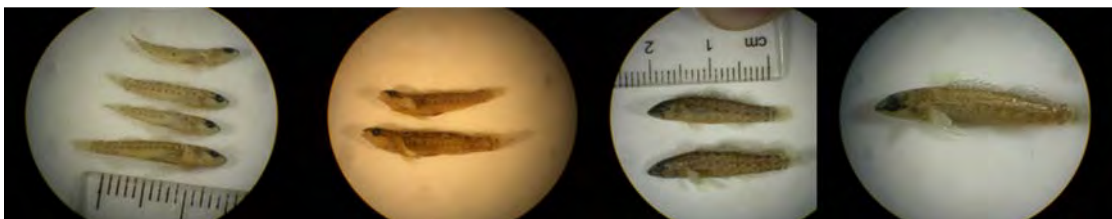
- b. Both wide (posterior) and narrow (anterior) lateral blotches (2), dorsal saddles may be offset, and blotches may be present between lateral blotches and saddles(3).....*Percina shumardi*



9. a. Body tapering at caudal peduncle and expanding slightly towards hypural plate (somewhat long, spindly caudal peduncle).....10



- b. Body depth consistent to hypural plate (short stubby caudal peduncle)13

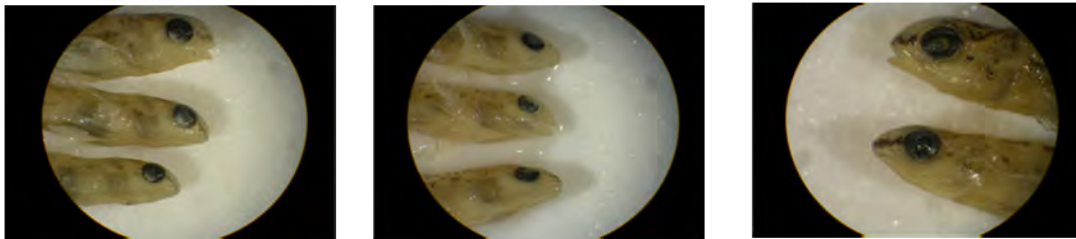


10.

- a. Terminal mouth, posterior blotches forming slanted bars, most posterior blotch extends to hypural plate forming a reverse triangle.....*Etheostoma caeruleum*

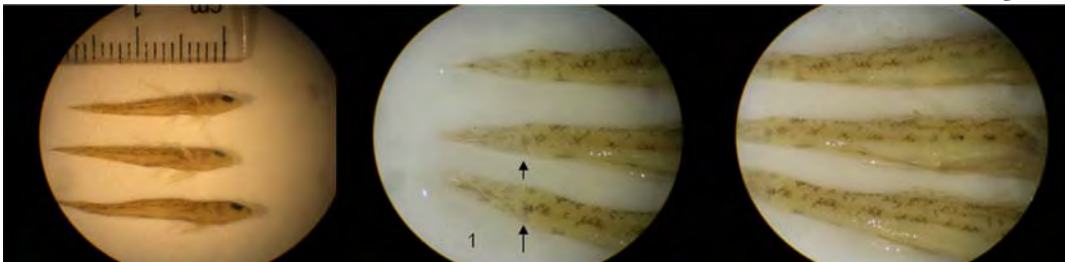


- b. Snub snout, somewhat subterminal mouth.....11

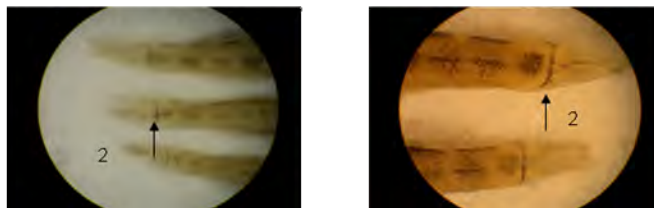


11.

- a. Markings along lateral line forming crosshatched x and y markings appearing as thin lines, caudal fin tessellated, usually a thin dusky precaudal bar not reaching to dorsal and ventral surface(1)
.....*Etheostoma nigrum*

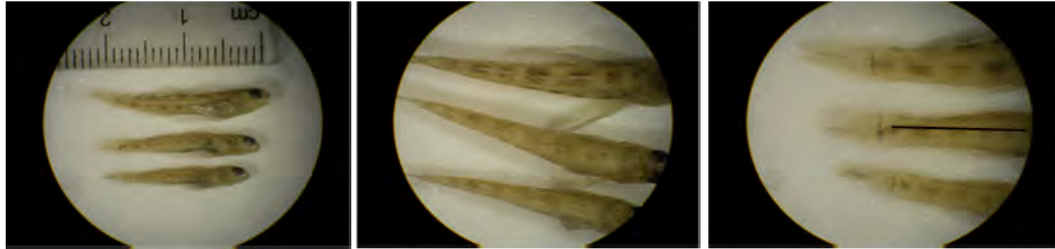


- b. Lateral line markings appearing as blotches, precaudal thin dusky bar usually reaching to dorsal, and/or ventral surface(2)..... 12



12.

- a. Lateral blotches not reaching above lateral line and forming w- and u-shaped markings in larger individuals, saddles containing moderate gaps*Etheostoma blennioides*



- b. Lateral blotches containing pigment above and below lateral line, wide dark saddles with thin gap.....*Etheostoma zonale*



13.

- a. Dark spot at rear upper edge of opercle(1), terminal slightly upturned mouth when closed(2).....*Etheostoma flabellare*

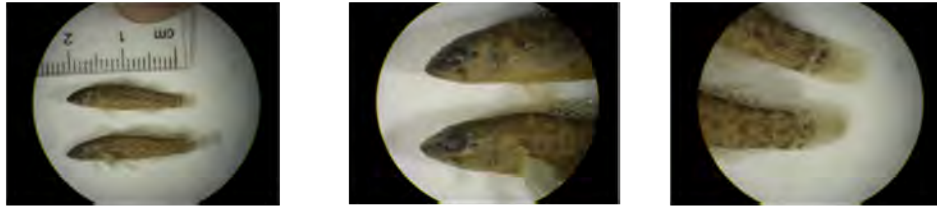


- b. No dark spot at rear edge of opercle and more terminal horizontal mouth.....14



14.

- a. Long pointed snout, pre-, post-, and suborbital bars appear as dusky blotches, body pigment checkered, precaudal markings appear as a line of 4 dots with a light line preceding them.....*Etheostoma maculatum*

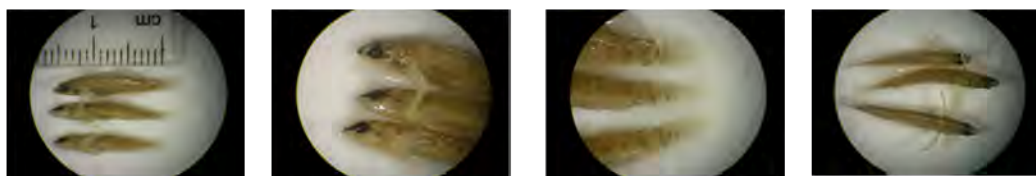


- b. Snout less pointed, pre-, post-, and suborbital bars distinct or lacking, body pigment midlateral blotches and saddles or consistently pigmented throughout15



15.

- a. Body consistently pigmented throughout, may appear to be banded posteriorly, spot on dorsal and ventral surface of caudal peduncle will join to form ring as individuals grow.....*Etheostoma tippecanoe*



- b. 9-13 midlateral blotches and saddles, fairly broad rounded snout, pigment carried through to precaudal markings.....*Etheostoma camurum*



APPENDIX III

Fishes collected by trawls in 2008

Table 1. Fishes collected by trawls at Station 1 (Emsworth Pool) on 18 August, 2008.

		RDB		RC		LC		LDB	
		Bot		Bot		Bot		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		1						
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusum</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								
<i>Lepomis</i>	<i>macrochirus</i>			1					

<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>							
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>							
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>							
<i>Percina</i>	<i>copelandi</i>	1	2	7		2		3
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
<i>UNKNOWN</i>								

Table 1. Fishes collected by trawls at Station 2 (Emsworth Pool) on 18 August, 2008.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>	2	
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>	4	
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpionotus</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionotus</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscornaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>	23	
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>	2	
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 1. Fishes collected by trawls at Station 3 (Emsworth Pool) on 18 August, 2008.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtus</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>	2	
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 1. Fishes collected by trawls at Station 4 (Emsworth Pool) on 18 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>			3		1			
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	9		167		92		24	
<i>Micropterus</i>	<i>dolomieu</i>		1						
<i>Micropterus</i>	<i>punctulatus</i>					1		2	
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>		2		1				
<i>Percina</i>	<i>copelandi</i>		1						
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
<i>UNKNOWN</i>									

Table 1. Fishes collected by trawls at Station 5 (Emsworth Pool) on 18 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	33	11			19	2		3
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpiodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>					1		1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>					1	9		10
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
<i>UNKNOWN</i>									

Table 1. Fishes collected by trawls at Station 6 (Emsworth Pool) on 18 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>				1				
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>							1	
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>							1	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	8		1				1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>				1	4		7	
<i>UNKNOWN</i>									

Table 1. Fishes collected by trawls at Station 7 (Emsworth Pool) on 18 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	3	33	4	13				
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	2				4		1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	1							
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>	1						3	
<i>UNKNOWN</i>									

Table 1. Fishes collected by trawls at Station 8 (Emsworth Pool) on 19 August, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionodes</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionodes</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
<i>UNKNOWN</i>	

Table 1. Fishes collected by trawls at Station 9 (Emsworth Pool) on 19 August, 2008.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		1
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpionotus</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionotus</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 1. Fishes collected by trawls at Station 10 (Emsworth Pool) on 19 August, 2008.

		RDB		LC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		1		2
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 1. Fishes collected by trawls at Station 11 (Emsworth Pool) on 18 August, 2008.

		RDB Bot		RC Bot		LC Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>	4					
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olvaris</i>						
<i>Percopsis</i>	<i>omiscornaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>	53		4		3	
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>	1					
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>	6					
<i>UNKNOWN</i>							

Table 2. Fishes collected by trawls at Station 1 (Emsworth Pool) on 27 September, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionodes</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionodes</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
<i>UNKNOWN</i>	

Table 2. Fishes collected by trawls at Station 2 (Emsworth Pool) on 27 September, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionotus</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionotus</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
<i>UNKNOWN</i>	

Table 2. Fishes collected by trawls at Station 3 (Emsworth Pool) on 27 September, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionodes</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionodes</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
<i>UNKNOWN</i>	

Table 2. Fishes collected by trawls at Station 4 (Emsworth Pool) on 27 September, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionodes</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionodes</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
<i>UNKNOWN</i>	

Table 2. Fishes collected by trawls at Station 5 (Emsworth Pool) on 27 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		1						
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	16	189	10	101	29	147		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>			1					
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			1				3	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								1
<i>Etheostoma</i>	<i>camurum</i>								1
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								4
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	3	87	5	64		39	1	116
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								1
<i>UNKNOWN</i>									

Table 2. Fishes collected by trawls at Station 6 (Emsworth Pool) on 27 September, 2008.

		RDB		RC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		2		2
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 2. Fishes collected by trawls at Station 7 (Emsworth Pool) on 27 September, 2008.

		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscornaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>	2				1	
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						1
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						2
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>						3
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>	1			2		
<i>UNKNOWN</i>							

Table 2. Fishes collected by trawls at Station 8 (Emsworth Pool) on 27 September, 2008.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpionotus</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionotus</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		1
<i>UNKNOWN</i>			

Table 2. Fishes collected by trawls at Station 9 (Emsworth Pool) on 27 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>		1				1		
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		1						1
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								1
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	1		4	1		1		
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>		2						1
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>						1		1
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
<i>UNKNOWN</i>									

Table 2. Fishes collected by trawls at Station 10 (Emsworth Pool) on 27 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								2
<i>Notropis</i>	<i>atherinoides</i>								1
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	2	2	4	58	1	15		1
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>	1						1	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	1		6		8		10	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>		1						
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		4		5		1		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>					2		3	
<i>UNKNOWN</i>									

Table 2. Fishes collected by trawls at Station 11 (Emsworth Pool) on 27 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>					4		5	
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	2		2		19		30	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>				1				
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>				1				
<i>Percina</i>	<i>copelandi</i>		7		2		1		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>					5		3	
<i>UNKNOWN</i>									

Table 3. Fishes collected by trawls at Station 13 (Dashields Pool) on 8 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	2	1	2	8	1	1	6	12
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>							1	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>					3		14	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								1
<i>Percina</i>	<i>copelandi</i>								4
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 3. Fishes collected by trawls at Station 14 (Dashields Pool) on 17 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	3		1		1		1	
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>	1							
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	12		1		1		1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	1							
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>	1							
UNKNOWN									

Table 3. Fishes collected by trawls at Station 15 (Dashields Pool) on 17 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	1	5	1	1			1	
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>							1	
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	17		25		3		1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	1		2					
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>	3				1			
UNKNOWN									

Table 4. Fishes collected by trawls at Station 12 (Dashields Pool) on 25 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	1		21		3			
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			1				
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>				14	2		1
<i>Etheostoma</i>	<i>camurum</i>				4	9		4
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>				3			
<i>Etheostoma</i>	<i>tippecanoe</i>				1			
<i>Etheostoma</i>	<i>zonale</i>							
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>				2			
<i>Percina</i>	<i>copelandi</i>		34		459	37		46
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
UNKNOWN								

Table 4. Fishes collected by trawls at Station 13 (Dashields Pool) on 25 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>				5		21		231
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	1						
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							1
<i>Etheostoma</i>	<i>camurum</i>							
<i>Etheostoma</i>	<i>flabellare</i>					1		
<i>Etheostoma</i>	<i>nigrum</i>							1
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>							1
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>							
<i>Percina</i>	<i>copelandi</i>		7		10		14	27
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
UNKNOWN								

Table 4. Fishes collected by trawls at Station 14 (Dashields Pool) on 25 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>					4		1	8
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusis</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>				1				
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>						1		
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>				1				
<i>Percina</i>	<i>copelandi</i>		10		1				
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 4. Fishes collected by trawls at Station 15 (Dashields Pool) on 25 September,2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>		1		6				1
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>							2	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	1		1	1				
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	1							
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>			5	2				
UNKNOWN									

Table 5. Fishes collected by trawls at Station 16 (Montgomery Pool) on 26 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		4						
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		12	18		30			154
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	6						
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>			2	7		1	
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>				1			
<i>Etheostoma</i>	<i>tippecanoe</i>				3		1	
<i>Etheostoma</i>	<i>zonale</i>				1			
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>		3	1	2		1	
<i>Percina</i>	<i>copelandi</i>		9	44	65		54	
<i>Percina</i>	<i>evides</i>			1	1			
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>		1	1	3			
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>		3					
UNKNOWN								

Table 5. Fishes collected by trawls at Station 16 (Montgomery Pool) on 26 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		4						
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		12		18		30		154
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	6						
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>			2	7		1	
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>				1			
<i>Etheostoma</i>	<i>tippecanoe</i>				3		1	
<i>Etheostoma</i>	<i>zonale</i>				1			
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>		3	1	2		1	
<i>Percina</i>	<i>copelandi</i>		9	44	65		54	
<i>Percina</i>	<i>evides</i>			1	1			
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>		1	1	3			
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>		3					
UNKNOWN								

Table 5. Fishes collected by trawls at Station17 (Montgomery Pool) on 26 September,2008.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		10
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		7
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 5. Fishes collected by trawls at Station 18 (MONTgomery Pool) on 26 September, 2008.

		RDB		RC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		5		
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		30	9	59
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	11			
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		2		7
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>		1		
UNKNOWN					

Table 5. Fishes collected by trawls at Station 19 (Montgomery Pool) on 26 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								1
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	3							1
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>				1				
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								1
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>						3	
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>							
<i>Etheostoma</i>	<i>flabellare</i>							1
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>							
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>							
<i>Percina</i>	<i>copelandi</i>							5
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>	1		1	3			1
UNKNOWN								

Table 5. Fishes collected by trawls at Station 20 (Montgomery Pool) on 26 September, 2008.

		RDB		RC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		20		7
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>		1		
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>		1		
UNKNOWN					

Table 5. Fishes collected by trawls at Station 21 (Montgomery Pool) on 26 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>						3		1
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		4	3			5		1
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	2			12	4	24		19
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>				1				

<i>Lepomis</i>	<i>macrochirus</i>	2		5		4		4	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>				1		1		
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>		1		2		4		
UNKNOWN									

Table 5. Fishes collected by trawls at Station 22 (Montgomery Pool) on 26 September, 2008.

		LC		LDB	
		Mid		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				1
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	1		3	
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>			1	
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		1		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 5. Fishes collected by trawls at Station 23 (Montgomery Pool) on 26 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>					1			
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>			1					
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	1				3		1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>		1						1
UNKNOWN									

Table 6. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 12 August, 2008.

		RDB Bot		RC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		5		3		8
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>	1					
<i>Percopsis</i>	<i>omiscornaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>	12				2	
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>		1				
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>		5				
<i>Percina</i>	<i>copelandi</i>		42		7	1	85
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>		11		5		1
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN							

Table 6. Fishes collected by trawls at Station 25 (New Cumberland Pool) on 12 August, 2008.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionodes</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionodes</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscomaycus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
UNKNOWN	

Table 6. Fishes collected by trawls at Station 26 (New Cumberland Pool) on 13 August, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		1		5		2		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>								1
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 6. Fishes collected by trawls at Station 27 (New Cumberland Pool) on 13 August, 2008.

		RC		LC				LDB	
		Mid		Bot		Mid		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								1
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>							2	4
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			4				18	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>							1	
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		1		1		1		3
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 6. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 13 August, 2008.

		RDB		LC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		5		
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	5	1		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	4			
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				1
<i>Etheostoma</i>	<i>caeruleum</i>				1
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				1
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	sp/spp				
<i>Percidae</i>	sp/spp				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 6. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 11 August, 2008.

		Mid		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>		2		1
<i>Etheostoma</i>	<i>caeruleum</i>			1	
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 6. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 12 August, 2008.

		RDB		RC		LC			
		Bot		Bot		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		5						
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		3				1		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							1
<i>Etheostoma</i>	<i>caeruleum</i>						1	
<i>Etheostoma</i>	<i>camurum</i>							
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>							
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>					1		
<i>Percina</i>	<i>copelandi</i>			1				
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>	1						
UNKNOWN								

Table 7. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 11 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	1	3	7	10		2	1	41
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusum</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olvaris</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			1				1	
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>		5						
<i>Percina</i>	<i>copelandi</i>		98		21		7		43
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>		4						3
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>			1		2			1
UNKNOWN									

Table 7. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 11 September, 2008.

		RDB Bot		RC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				2
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		27		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		1		
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>		1		
UNKNOWN					

Table 7. Fishes collected by trawls at Station 26 (New Cumberland Pool) on 11 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>				1				
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>				2				1
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omocomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			1				
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>		1					1
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>		2		1		2	1
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>					1		1
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>					1		
<i>Percina</i>	<i>copelandi</i>		100		56		15	9
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>		3					
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
UNKNOWN								

Table 7. Fishes collected by trawls at Station 27 (New Cumberland Pool) on 11 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>				1		1		1
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>				2				
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>					1			
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>		1						
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>		1						
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		8		13		3		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>		1		1		1		
UNKNOWN									

Table 7. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 11 September, 2008.

		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>			28			
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>			1			
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						2
<i>Etheostoma</i>	<i>camurum</i>		1		12		15
<i>Etheostoma</i>	<i>flabellare</i>		2			3	5
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>				1		
<i>Etheostoma</i>	<i>zonale</i>						1
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>				1		
<i>Percina</i>	<i>copelandi</i>						
<i>Percina</i>	<i>evides</i>				1		3
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN							

Table 7. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 11 September, 2008.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>			1	7		29	4	26
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>							1	
<i>Pylodictis</i>	<i>olivar</i>								
<i>Percopsis</i>	<i>omiscumaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>		2	1				
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>		1					
<i>Etheostoma</i>	<i>tippecanoe</i>							
<i>Etheostoma</i>	<i>zonale</i>		2	1				
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>					3		
<i>Percina</i>	<i>copelandi</i>		5	22		6		
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>						73	1
UNKNOWN								

Appendix IV

Fishes collected by trawl in March/April, 2009

Table 1. Fishes collected by trawls at Station 1 (Emsworth Pool) on 7 March, 2009.

		LC Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				1
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				
<i>Lepomis</i>	<i>macrochirus</i>				

<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				1
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		1		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 1. Fishes collected by trawls at Station 2 (Emsworth Pool) on 23 April, 2009.

		RDB		MC				LDB	
		Surf		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								2
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>				1				
<i>Etheostoma</i>	<i>camurum</i>				2				
<i>Etheostoma</i>	<i>flabellare</i>				1				
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>				11				
<i>Etheostoma</i>	<i>zonale</i>				1				
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		1		1		1		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 1. Fishes collected by trawls at Station 3 (Emsworth Pool) on 7 March, 2009.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olvaris</i>		
<i>Percopsis</i>	<i>omiscornaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		1
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 1. Fishes collected by trawls at Station 4 (Emsworth Pool) on 7 March, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alasa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>		1				4
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>				15		14
<i>Pimephales</i>	<i>notatus</i>						1
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		1			
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 1. Fishes collected by trawls at Station 5 (Emsworth Pool) on 7 March, 2009.

		RDB Bot		LC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				5
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				2
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpiodes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiodes</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		3		2
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 1. Fishes collected by trawls at Station 5 (Emsworth Pool) on 22 April, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alasa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>				2		
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						2
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>			1		
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>			1		2
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>			1		
<i>Percina</i>	<i>copelandi</i>		59	35		6
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 1. Fishes collected by trawls at Station 6 (Emsworth Pool) on 8 March, 2009.

		RDB	
		Surf	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		1
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olvaris</i>		
<i>Percopsis</i>	<i>omiscornaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 1. Fishes collected by trawls at Station 10 (Emsworth Pool) on 22 April, 2009.

		MC Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		1		1
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpiodes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiodes</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>		1		
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 1. Fishes collected by trawls at Station 11 (Emsworth Pool) on 22 April, 2009.

		LDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		3
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		5
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpoides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olvaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	sp/spp		
<i>Percidae</i>	sp/spp		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 2. Fishes collected by trawls at Station 12 (Dashields Pool) on 9 March, 2009.

		RDB Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>		2		1		1
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		2				3
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						1
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		5		2	
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 2. Fishes collected by trawls at Station 13 (Dashields Pool) on 24 April, 2009.

		RDB Bot		MC Bot		LDB Surf	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>		1		1		
<i>Notropis</i>	<i>atherinoides</i>						1
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>			1		
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 2. Fishes collected by trawls at Station 14 (Dashields Pool) on 23 April, 2009.

		RC Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		3
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpionotus</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionotus</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olvaris</i>		
<i>Percopsis</i>	<i>omiscornaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	sp/spp		
<i>Percidae</i>	sp/spp		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 2. Fishes collected by trawls at Station 15 (Dashields Pool) on 23 April, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alasa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		11				
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		1		1	6
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 3. Fishes collected by trawls at Station 16 (Montgomery Pool) on 10 April, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>				2		2
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		2		14		30
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olvaris</i>						
<i>Percopsis</i>	<i>omiscornaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>			2		
<i>Percina</i>	<i>copelandi</i>			9		
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>			2		
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 3. Fishes collected by trawls at Station 17 (Montgomery Pool) on 19 April, 2009.

		RDB Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		3		21
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>		1		
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		1		1
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 3. Fishes collected by trawls at Station 18 (Montgomery Pool) on 20 April, 2009.

		RDB Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		183
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
Cyprinidae	sp/spp		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpoides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		1
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		1
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 3. Fishes collected by trawls at Station 19 (Montgomery Pool) on 20 April, 2009.

		RDB		LDB			
		Bot		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		6		2		
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						1
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>		1				
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN							

Table 3. Fishes collected by trawls at Station 20 (Montgomery Pool) on 11 April, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>				4		5
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		3		22		35
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>		1				
<i>Carpiodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olvaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						1
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>			1		
<i>Percina</i>	<i>copelandi</i>					
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 3. Fishes collected by trawls at Station 21 (Montgomery Pool) on 12 April, 2009.

		RDB		MC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		5		2
<i>Pimephales</i>	<i>notatus</i>		3		
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>		1		
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>		5		4
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				2
<i>Percina</i>	<i>copelandi</i>		4		5
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 3. Fishes collected by trawls at Station 22 (Montgomery Pool) on 12 April, 2009.

		LDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		1
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpoides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 4. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 21 April, 2009.

		RDB		RC	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				1
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>		1		
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>		4		
<i>Percina</i>	<i>copelandi</i>		3		6
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 4. Fishes collected by trawls at Station 25 (New Cumberland Pool) on 21 April, 2009.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		1
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtus</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 4. Fishes collected by trawls at Station 26 (New Cumberland Pool) on 21 April, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>				5		4
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		2		14		1
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>				1		
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olvaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		1		1	1
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>				1	
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 4. Fishes collected by trawls at Station 27 (New Cumberland Pool) on 21 April, 2009.

		MC Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		1		
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		1		6
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		1		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 4. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 29 March, 2009.

		RDB				RC	
		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olvaris</i>						
<i>Percopsis</i>	<i>omiscornaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>		1	1		1
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>					
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
UNKNOWN						

Table 4. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 21 April, 2009.

		MC Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		4
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtus</i>		
Cyprinidae	sp/spp		
<i>Carpionides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		2
<i>Ictiobus</i>	<i>bubalus</i>		8
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		1
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		1
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		1
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		1
UNKNOWN			

Table 4. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 30 March, 2009.

		RDB				RC		LC	
		Bot		Surf		Bot		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>				4				
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								3
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>						1		
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivar</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>		1						
UNKNOWN									

Table 4. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 21 April, 2009.

		RDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpoides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		2
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		1
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Appendix V

Fishes collected by trawl in June/July, 2009

Table 1. Fishes collected by trawls at Station 1 (Emsworth Pool) on 17 June, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpiodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiodes</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>			3					
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>						2		
<i>Etheostoma</i>	<i>caeruleum</i>	1		1					
<i>Etheostoma</i>	<i>camurum</i>	2							
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>		1				1		
<i>Etheostoma</i>	<i>tippecanoe</i>							1	
<i>Etheostoma</i>	<i>zonale</i>	1		1		6			
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	10		1			1	1	
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>					12		11	
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 1. Fishes collected by trawls at Station 2 (Emsworth Pool) on 17 June, 2009.

		RDB				MC				LDB	
		Bot		Mid		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>										
<i>Amia</i>	<i>calva</i>										
<i>Alosa</i>	<i>chrysochloris</i>										
<i>Dorosoma</i>	<i>cepedianum</i>										
<i>Clupeidae</i>	<i>sp/spp</i>										
<i>Hiodon</i>	<i>alosoides</i>										
<i>Hiodon</i>	<i>tergatus</i>										
<i>Esocidae</i>	<i>sp/spp</i>										
<i>Campostoma</i>	<i>anomalum</i>										
<i>Cyprinella</i>	<i>spiloptera</i>										
<i>Cyprinus</i>	<i>carpio</i>										
<i>Erimystax</i>	<i>dissimilis</i>										
<i>Hybopsis</i>	<i>amblops</i>										
<i>Macrhybopsis</i>	<i>storeriana</i>										
<i>Notropis</i>	<i>atherinoides</i>										
<i>Notropis</i>	<i>hudsonius</i>										
<i>Notropis</i>	<i>rubellus</i>										
<i>Notropis</i>	<i>stramineus</i>										
<i>Notropis</i>	<i>volucellus</i>										
<i>Pimephales</i>	<i>notatus</i>	59									
<i>Pimephales</i>	<i>promelas</i>										
<i>Rhinichthys</i>	<i>obtusum</i>										
<i>Cyprinidae</i>	<i>sp/spp</i>										
<i>Carpionidae</i>	<i>cyprinus</i>										
<i>Hypentelium</i>	<i>nigricans</i>					1					
<i>Ictiobus</i>	<i>bubalus</i>										
<i>Moxostoma</i>	<i>anisurum</i>										
<i>Moxostoma</i>	<i>breviceps</i>										
<i>Moxostoma</i>	<i>carinatum</i>										
<i>Moxostoma</i>	<i>erythrurum</i>										
<i>Carpionidae</i>	<i>sp/spp</i>										
<i>Ictiobus</i>	<i>sp/spp</i>										
<i>Moxostoma</i>	<i>sp/spp</i>										
<i>Catostomidae</i>	<i>sp/spp</i>	1									
<i>Ictalurus</i>	<i>punctatus</i>										
<i>Pylodictis</i>	<i>olivaris</i>										
<i>Percopsis</i>	<i>omismomaycus</i>										
<i>Fundulus</i>	<i>diaphinus</i>										
<i>Labidesthes</i>	<i>sicculus</i>										
<i>Cottus</i>	<i>bairdi</i>										
<i>Morone</i>	<i>chrysops</i>										
<i>Morone</i>	<i>saxatilis</i>										
<i>Moronidae</i>	<i>sp/spp</i>										
<i>Ambloplites</i>	<i>rupestris</i>										

<i>Lepomis</i>	<i>macrochirus</i>									
<i>Micropterus</i>	<i>dolomieu</i>	34								
<i>Micropterus</i>	<i>punctulatus</i>									
<i>Micropterus</i>	<i>salmoides</i>									
<i>Pomoxis</i>	<i>nigromaculatus</i>									
<i>Etheostoma</i>	<i>blennioides</i>	3				1				
<i>Etheostoma</i>	<i>caeruleum</i>	84								
<i>Etheostoma</i>	<i>camurum</i>									
<i>Etheostoma</i>	<i>flabellare</i>	18				1				
<i>Etheostoma</i>	<i>nigrum</i>	1135		7		42		1		
<i>Etheostoma</i>	<i>tippecanoe</i>						1			
<i>Etheostoma</i>	<i>zonale</i>	2				1				
<i>Perca</i>	<i>flavescens</i>									
<i>Percina</i>	<i>caprodes</i>	5								
<i>Percina</i>	<i>copelandi</i>	28				3			1	
<i>Percina</i>	<i>evides</i>									
<i>Percina</i>	<i>macrocephala</i>	3								
<i>Percina</i>	<i>shumardi</i>									
<i>Sander</i>	<i>vitreus</i>									
<i>Sander</i>	<i>sp/spp</i>									
<i>Percidae</i>	<i>sp/spp</i>									
<i>Aplodinotus</i>	<i>grunniens</i>									
<i>UNKNOWN</i>										

Table 1. Fishes collected by trawls at Station 3 (Emsworth Pool) on 17 June, 2009.

		RDB				RC	
		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		6		1		
<i>Pimephales</i>	<i>notatus</i>	12				6	
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpiondes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiondes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>	1					
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>	14			1	
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>				1	
<i>Etheostoma</i>	<i>caeruleum</i>	9	1	2	1	
<i>Etheostoma</i>	<i>camurum</i>					2
<i>Etheostoma</i>	<i>flabellare</i>	2				
<i>Etheostoma</i>	<i>nigrum</i>	55	1		15	1
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>	3				
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>	1				
<i>Percina</i>	<i>copelandi</i>	8	3			19
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>	2				
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 1. Fishes collected by trawls at Station 4 (Emsworth Pool) on 16 June, 2009.

		RC Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
<i>Clupeidae</i>	<i>sp/spp</i>		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
<i>Esocidae</i>	<i>sp/spp</i>		
<i>Campostoma</i>	<i>anomalum</i>		1
<i>Cyprinella</i>	<i>spiloptera</i>	1	13
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		3
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		5
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
<i>Cyprinidae</i>	<i>sp/spp</i>		
<i>Carpionodes</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>	1	
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionodes</i>	<i>sp/spp</i>		
<i>Ictiobus</i>	<i>sp/spp</i>		
<i>Moxostoma</i>	<i>sp/spp</i>	2	
<i>Catostomidae</i>	<i>sp/spp</i>	47	
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>	1	
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
<i>Moronidae</i>	<i>sp/spp</i>		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>	88	
<i>Micropterus</i>	<i>punctulatus</i>	1	
<i>Micropterus</i>	<i>salmoides</i>	1	
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>	1	
<i>Etheostoma</i>	<i>caeruleum</i>	4	
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>	1	
<i>Etheostoma</i>	<i>nigrum</i>	262	
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>	135	
<i>Percina</i>	<i>copelandi</i>	158	
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>	7	
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 1. Fishes collected by trawls at Station 5 (Emsworth Pool) on 16 June, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		17		4				
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>					1			
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>			1					
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>					1			
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>							1	
<i>Percina</i>	<i>copelandi</i>		7		8		73		55
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
<i>UNKNOWN</i>									

Table 1. Fishes collected by trawls at Station 6 (Emsworth Pool) on 17 June, 2009.

		LDB	
		Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
<i>Clupeidae</i>	<i>sp/spp</i>		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
<i>Esocidae</i>	<i>sp/spp</i>		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		3
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
<i>Cyprinidae</i>	<i>sp/spp</i>		
<i>Carpionodes</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionodes</i>	<i>sp/spp</i>		
<i>Ictiobus</i>	<i>sp/spp</i>		
<i>Moxostoma</i>	<i>sp/spp</i>		
<i>Catostomidae</i>	<i>sp/spp</i>		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
<i>Moronidae</i>	<i>sp/spp</i>		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>	1	
<i>Percina</i>	<i>copelandi</i>	1	1
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>	1	
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 1. Fishes collected by trawls at Station 7 (Emsworth Pool) on 17 June, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpionodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpionodes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>			1		1
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>	1		1		
<i>Etheostoma</i>	<i>caeruleum</i>			2		
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>	2		5		1
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					1
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>	10		34		1
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>	4				1
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 1. Fishes collected by trawls at Station8 (Emsworth Pool) on .17 June, 2009.

		MC	
		Surf	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
<i>Clupeidae</i>	<i>sp/spp</i>		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
<i>Esocidae</i>	<i>sp/spp</i>		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
<i>Cyprinidae</i>	<i>sp/spp</i>		
<i>Carpionodes</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionodes</i>	<i>sp/spp</i>		
<i>Ictiobus</i>	<i>sp/spp</i>		
<i>Moxostoma</i>	<i>sp/spp</i>		
<i>Catostomidae</i>	<i>sp/spp</i>		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscomaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>	9	
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
<i>Moronidae</i>	<i>sp/spp</i>		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>	2	
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 1. Fishes collected by trawls at Station 10 (Emsworth Pool) on 17 June, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>	4			
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>			2	
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 1. Fishes collected by trawls at Station 11 (Emsworth Pool) on 17 June, 2009.

		RDB Bot		MC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								3
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>	2		1					
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>			1					
<i>Etheostoma</i>	<i>nigrum</i>	7				2		4	
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>			1					
<i>Percina</i>	<i>caprodes</i>	18				1		6	
<i>Percina</i>	<i>copelandi</i>	31				1	1	10	1
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
<i>UNKNOWN</i>									

Table 2. Fishes collected by trawls at Station 12 (Dashields Pool) on 16 June, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpiondes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>			1					
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiondes</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>	1		2					
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>	7		3		3			
<i>Etheostoma</i>	<i>caeruleum</i>	1		1					
<i>Etheostoma</i>	<i>camurum</i>			1					
<i>Etheostoma</i>	<i>flabellare</i>							1	
<i>Etheostoma</i>	<i>nigrum</i>					2			
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>					1		1	
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	2		4	1			3	1
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>			2					
<i>Percidae</i>	<i>sp/spp</i>			7					
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 2. Fishes collected by trawls at Station 13 (Dashields Pool) on 16 June, 2009.

		RDB		LDB	
		Bot		Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>			1	
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>	1		2	
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 2. Fishes collected by trawls at Station 14 (Dashields Pool) on 16 June, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>	1					
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>	3		2		2	
<i>Etheostoma</i>	<i>caeruleum</i>					4	
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>					1	
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>					1	
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>					10	
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>			4			
<i>Aplodinotus</i>	<i>grunniens</i>						
<i>UNKNOWN</i>							

Table 2. Fishes collected by trawls at Station 15 (Dashields Pool) on 16 June, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpionodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpionodes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>	4				
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>			1		
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>	8				
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>	1				
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>	24		3		1
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 3. Fishes collected by trawls at Station 16 (Montgomery Pool) on 15 June, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								81
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpiondes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiondes</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>					1		
<i>Etheostoma</i>	<i>camurum</i>		2					1
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>		2			3		
<i>Etheostoma</i>	<i>zonale</i>		1		2			1
<i>Perca</i>	<i>flavescens</i>			1				
<i>Percina</i>	<i>caprodes</i>							
<i>Percina</i>	<i>copelandi</i>	1	5			6		1
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>			1				
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
<i>UNKNOWN</i>		1						

Table 3. Fishes collected by trawls at Station 17 (Montgomery Pool) on 15 June, 2009.

		RDB Bot		RC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		1		
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		2		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>	2			
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>	5		1	
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>	4			
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>	1			
<i>Etheostoma</i>	<i>nigrum</i>	5		1	
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>	35			
<i>Percina</i>	<i>copelandi</i>	22		1	
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>			1	
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>	1			
<i>Percidae</i>	<i>sp/spp</i>	1			
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 3. Fishes collected by trawls at Station 18 (Montgomery Pool) on 15 June, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		4		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>	1			
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>	1			
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>		1		
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>	3			
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>	5		1	
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 3. Fishes collected by trawls at Station 19 (Montgomery Pool) on 15 June, 2009.

		LDB			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>			2	
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		1		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>			2	
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>	1			
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>	2			
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>	11			
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>	1			
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 3. Fishes collected by trawls at Station 20 (Montgomery Pool) on 15 June, 2009.

		RDB				MC		LDB	
		Bot		Surf		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>				3				8
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpiodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiodes</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>							1	
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>			1					
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>	12						26	
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>							3	1
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>	1				10			
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 3. Fishes collected by trawls at Station 21 (Montgomery Pool) on 15 June, 2009.

		MC			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>			1	
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>		1	1	
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	1	13		
<i>Pimephales</i>	<i>notatus</i>		1		
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>	3			
<i>Etheostoma</i>	<i>caeruleum</i>	3			
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>	2			
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>	12			
<i>Percina</i>	<i>copelandi</i>	7			
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>	18			
<i>Percidae</i>	<i>sp/spp</i>			1	
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table n3 Fishes collected by trawls at Station 22 (Montgomery Pool) on 15 June, 2009.

		RDB Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				1
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpionides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpionides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>	1			
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>	1			
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>	1			
<i>Percina</i>	<i>copelandi</i>	4			
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>	2			
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>	7			
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 3. Fishes collected by trawls at Station 23 (Montgomery Pool) on 15 June, 2009.

		MC	
		Surf	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>	1	
<i>Dorosoma</i>	<i>cepedianum</i>		
<i>Clupeidae</i>	<i>sp/spp</i>		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
<i>Esocidae</i>	<i>sp/spp</i>		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		1
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		1
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
<i>Cyprinidae</i>	<i>sp/spp</i>		
<i>Carpionodes</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpionodes</i>	<i>sp/spp</i>		
<i>Ictiobus</i>	<i>sp/spp</i>		
<i>Moxostoma</i>	<i>sp/spp</i>		
<i>Catostomidae</i>	<i>sp/spp</i>		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>	3	
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
<i>Moronidae</i>	<i>sp/spp</i>		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>		
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>		70	

Table 4. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 9 June, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
<i>Clupeidae</i>	<i>sp/spp</i>								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
<i>Esocidae</i>	<i>sp/spp</i>								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		1		6		1		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
<i>Cyprinidae</i>	<i>sp/spp</i>								
<i>Carpiondes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiondes</i>	<i>sp/spp</i>								
<i>Ictiobus</i>	<i>sp/spp</i>								
<i>Moxostoma</i>	<i>sp/spp</i>								
<i>Catostomidae</i>	<i>sp/spp</i>								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscamaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>			1					
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
<i>Moronidae</i>	<i>sp/spp</i>								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>				3		3	
<i>Etheostoma</i>	<i>caeruleum</i>				2			
<i>Etheostoma</i>	<i>camurum</i>			1				
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>			1				
<i>Etheostoma</i>	<i>zonale</i>			1				
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>	2	1	4	5	1		
<i>Percina</i>	<i>copelandi</i>		16	49		10		2
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>	29	1	4	4	5		
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
<i>UNKNOWN</i>								

Table 4. Fishes collected by trawls at Station 25 (New Cumberland Pool) on 9 June, 2009.

		RDB Bot		RC Bot		LC Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpiondes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiondes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>	1					
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		5	3		1
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>	15	2			
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>				2	
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 4. Fishes collected by trawls at Station 26 (New Cumberland Pool) on 9 June, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>				2		
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>	1					
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusum</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>			1			
<i>Carpionodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpionodes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						1
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>	3			3	
<i>Etheostoma</i>	<i>caeruleum</i>				3	
<i>Etheostoma</i>	<i>camurum</i>		1			
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>	4	1			
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>	1				
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 4. Fishes collected by trawls at Station 27 (New Cumberland Pool) on 9 June, 2009.

		MC Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpiondes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpiondes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivar</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>			1	
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>			1	2
<i>Percina</i>	<i>copelandi</i>	2			
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

APPENDIX VI

Fishes collected by trawls in August, 2009

Table 1. Fishes collected by trawls at Station 1 (Emsworth Pool) on 6 August, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>				2		1		5
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>				62		13		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpionides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscornaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>			2				
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>				2			
<i>Etheostoma</i>	<i>flabellare</i>		1		2			
<i>Etheostoma</i>	<i>nigrum</i>	3		4		5	8	9
<i>Etheostoma</i>	<i>tippecanoe</i>			1	1			
<i>Etheostoma</i>	<i>zonale</i>			2	2	1	3	2
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>			1		1		
<i>Percina</i>	<i>copelandi</i>	4		43		85		104
<i>Percina</i>	<i>evides</i>		2		1	1		
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>							
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	sp/spp							
<i>Percidae</i>	sp/spp							
<i>Aplodinotus</i>	<i>grunniens</i>							
UNKNOWN								

Table 1. Fishes collected by trawls at Station 2 (Emsworth Pool) on 6 August, 2009.

		RDB Bot		RC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>		3		2
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	3			2
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscumaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>		1		
<i>Etheostoma</i>	<i>nigrum</i>	1	14		7
<i>Etheostoma</i>	<i>tippecanoe</i>			1	
<i>Etheostoma</i>	<i>zonale</i>	2	1		
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>	1	47		42
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	sp/spp			1	
<i>Percidae</i>	sp/spp				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 1. Fishes collected by trawls at Station 3 (Emsworth Pool) on 6 August, 2009.

		RDB				MC	
		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>		1				
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>					1	
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		3				
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
Cyprinidae	sp/spp						
<i>Carpodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>	2				1	
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>		8				27
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>					1	2
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>	4	36			3	103
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN					1		

Table 1. Fishes collected by trawls at Station 4 (Emsworth Pool) on 6 August, 2009.

		MC Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
Clupeidae	sp/spp		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
Esocidae	sp/spp		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		
<i>Notropis</i>	<i>atherinoides</i>		5
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>	31	20
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusum</i>		
Cyprinidae	sp/spp		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>	1	
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>		
<i>Carpoides</i>	sp/spp		
<i>Ictiobus</i>	sp/spp		
<i>Moxostoma</i>	sp/spp		
Catostomidae	sp/spp		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
Moronidae	sp/spp		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>	1	
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>	2	
<i>Etheostoma</i>	<i>camurum</i>		1
<i>Etheostoma</i>	<i>flabellare</i>		1
<i>Etheostoma</i>	<i>nigrum</i>		21
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		
<i>Percina</i>	<i>caprodes</i>	2	
<i>Percina</i>	<i>copelandi</i>	48	18
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	sp/spp		
<i>Percidae</i>	sp/spp		
<i>Aplodinotus</i>	<i>grunniens</i>		
UNKNOWN			

Table 1. Fishes collected by trawls at Station 5 (Emsworth Pool) on 6 August, 2009.

		RDB		RC		LC		LDB			
		Bot		Bot		Bot		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>										
<i>Amia</i>	<i>calva</i>										
<i>Alosa</i>	<i>chrysochloris</i>										
<i>Dorosoma</i>	<i>cepedianum</i>										
Clupeidae	sp/spp										
<i>Hiodon</i>	<i>alosoides</i>										
<i>Hiodon</i>	<i>tergisus</i>										
Esocidae	sp/spp										
<i>Campostoma</i>	<i>anomalum</i>										
<i>Cyprinella</i>	<i>spiloptera</i>										
<i>Cyprinus</i>	<i>carpio</i>										
<i>Erimystax</i>	<i>dissimilis</i>										
<i>Hybopsis</i>	<i>amblops</i>										
<i>Macrhybopsis</i>	<i>storeriana</i>							1			
<i>Notropis</i>	<i>atherinoides</i>			1						1	
<i>Notropis</i>	<i>hudsonius</i>										
<i>Notropis</i>	<i>rubellus</i>										
<i>Notropis</i>	<i>stramineus</i>										
<i>Notropis</i>	<i>volucellus</i>	6	45	5	122		15	36	52		
<i>Pimephales</i>	<i>notatus</i>										
<i>Pimephales</i>	<i>promelas</i>										
<i>Rhinichthys</i>	<i>obtusum</i>										
Cyprinidae	sp/spp										
<i>Carpionodes</i>	<i>cyprinus</i>										
<i>Hypentelium</i>	<i>nigricans</i>										
<i>Ictiobus</i>	<i>bubalus</i>										
<i>Moxostoma</i>	<i>anisurum</i>										
<i>Moxostoma</i>	<i>breviceps</i>										
<i>Moxostoma</i>	<i>carinatum</i>										
<i>Moxostoma</i>	<i>erythrurum</i>										
<i>Carpionodes</i>	sp/spp										
<i>Ictiobus</i>	sp/spp										
<i>Moxostoma</i>	sp/spp										
Catostomidae	sp/spp										
<i>Ictalurus</i>	<i>punctatus</i>	4						1			
<i>Pylodictis</i>	<i>olivaris</i>										
<i>Percopsis</i>	<i>omiscomaycus</i>										
<i>Fundulus</i>	<i>diaphinus</i>										
<i>Labidesthes</i>	<i>sicculus</i>										
<i>Cottus</i>	<i>bairdi</i>										
<i>Morone</i>	<i>chrysops</i>										
<i>Morone</i>	<i>saxatilis</i>										
Moronidae	sp/spp										
<i>Ambloplites</i>	<i>rupestris</i>										

<i>Lepomis</i>	<i>macrochirus</i>										
<i>Micropterus</i>	<i>dolomieu</i>										
<i>Micropterus</i>	<i>punctulatus</i>										
<i>Micropterus</i>	<i>salmoides</i>										
<i>Pomoxis</i>	<i>nigromaculatus</i>										
<i>Etheostoma</i>	<i>blennioides</i>										
<i>Etheostoma</i>	<i>caeruleum</i>										
<i>Etheostoma</i>	<i>camurum</i>										
<i>Etheostoma</i>	<i>flabellare</i>										
<i>Etheostoma</i>	<i>nigrum</i>					3					
<i>Etheostoma</i>	<i>tippecanoe</i>			1							
<i>Etheostoma</i>	<i>zonale</i>			1							
<i>Perca</i>	<i>flavescens</i>										
<i>Percina</i>	<i>caprodes</i>	4	1	3	4			9			
<i>Percina</i>	<i>copelandi</i>	54	111	12	89	22	116	211			
<i>Percina</i>	<i>evides</i>										
<i>Percina</i>	<i>macrocephala</i>										
<i>Percina</i>	<i>shumardi</i>										
<i>Sander</i>	<i>vitreus</i>										
<i>Sander</i>	sp/spp										
<i>Percidae</i>	sp/spp										
<i>Aplodinotus</i>	<i>grunniens</i>	1						5			
UNKNOWN											

Table 1. Fishes collected by trawls at Station 6 (Emsworth Pool) on 6 August, 2009.

		RDB		RC				LDB	
		Bot		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>					1			
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>					5			
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>								
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>				2			8	
<i>Pylodictis</i>	<i>olivaris</i>							1	
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		5	1	1				
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>			5				11	
UNKNOWN									

Table 1. Fishes collected by trawls at Station 7 (Emsworth Pool) on 6 August, 2009.

		RDB		MC		LDB			
		Bot		Bot		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>							1	
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>	1		1		1			
<i>Notropis</i>	<i>atherinoides</i>							5	1
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	60	4	10	5	2			
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusum</i>								
Cyprinidae	sp/spp								
<i>Carpionodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>			4		11	2		
<i>Pylodictis</i>	<i>olivaris</i>			1					
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							2	1
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>		1		2		2		
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>			2	1				
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>	1							
<i>Percina</i>	<i>copelandi</i>	10	19	41		5	2		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>		5	8		4	5		
UNKNOWN		1							

Table 1. Fishes collected by trawls at Station 8 (Emsworth Pool) on 6 August, 2009.

		RDB		MC	
		Surf		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>			9	
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>			9	
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpodes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpodes</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	3			
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>				
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
UNKNOWN					

Table 1. Fishes collected by trawls at Station 9 (Emsworth Pool) on 6 August, 2009.

		RDB				RC				LDB	
		Bot		Surf		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>										
<i>Amia</i>	<i>calva</i>										
<i>Alosa</i>	<i>chrysochloris</i>										
<i>Dorosoma</i>	<i>cepedianum</i>										
Clupeidae	sp/spp										
<i>Hiodon</i>	<i>alosoides</i>										
<i>Hiodon</i>	<i>tergisus</i>										
Esocidae	sp/spp										
<i>Campostoma</i>	<i>anomalum</i>										
<i>Cyprinella</i>	<i>spiloptera</i>										
<i>Cyprinus</i>	<i>carpio</i>										
<i>Erimystax</i>	<i>dissimilis</i>					9	3				
<i>Hybopsis</i>	<i>amblops</i>										
<i>Macrhybopsis</i>	<i>storeriana</i>										
<i>Notropis</i>	<i>atherinoides</i>			12							
<i>Notropis</i>	<i>hudsonius</i>										
<i>Notropis</i>	<i>rubellus</i>										
<i>Notropis</i>	<i>stramineus</i>										
<i>Notropis</i>	<i>volucellus</i>	3	4							1	
<i>Pimephales</i>	<i>notatus</i>										
<i>Pimephales</i>	<i>promelas</i>										
<i>Rhinichthys</i>	<i>obtus</i>										
Cyprinidae	sp/spp										
<i>Carpoides</i>	<i>cyprinus</i>										
<i>Hypentelium</i>	<i>nigricans</i>										
<i>Ictiobus</i>	<i>bubalus</i>										
<i>Moxostoma</i>	<i>anisurum</i>										
<i>Moxostoma</i>	<i>breviceps</i>										
<i>Moxostoma</i>	<i>carinatum</i>										
<i>Moxostoma</i>	<i>erythrurum</i>										
<i>Carpoides</i>	sp/spp										
<i>Ictiobus</i>	sp/spp										
<i>Moxostoma</i>	sp/spp										
Catostomidae	sp/spp										
<i>Ictalurus</i>	<i>punctatus</i>	1				24				19	
<i>Pylodictis</i>	<i>olivaris</i>										
<i>Percopsis</i>	<i>omiscoyus</i>										
<i>Fundulus</i>	<i>diaphinus</i>										
<i>Labidesthes</i>	<i>sicculus</i>										
<i>Cottus</i>	<i>bairdi</i>										
<i>Morone</i>	<i>chrysops</i>										
<i>Morone</i>	<i>saxatilis</i>										
Moronidae	sp/spp										
<i>Ambloplites</i>	<i>rupestris</i>										

<i>Lepomis</i>	<i>macrochirus</i>							1			
<i>Micropterus</i>	<i>dolomieu</i>										
<i>Micropterus</i>	<i>punctulatus</i>										
<i>Micropterus</i>	<i>salmoides</i>										
<i>Pomoxis</i>	<i>nigromaculatus</i>										
<i>Etheostoma</i>	<i>blennioides</i>										
<i>Etheostoma</i>	<i>caeruleum</i>										
<i>Etheostoma</i>	<i>camurum</i>										
<i>Etheostoma</i>	<i>flabellare</i>										
<i>Etheostoma</i>	<i>nigrum</i>										3
<i>Etheostoma</i>	<i>tippecanoe</i>										
<i>Etheostoma</i>	<i>zonale</i>	1									1
<i>Perca</i>	<i>flavescens</i>										
<i>Percina</i>	<i>caprodes</i>	1									
<i>Percina</i>	<i>copelandi</i>						2				2
<i>Percina</i>	<i>evides</i>										
<i>Percina</i>	<i>macrocephala</i>										
<i>Percina</i>	<i>shumardi</i>										
<i>Sander</i>	<i>vitreus</i>										
<i>Sander</i>	sp/spp										
Percidae	sp/spp										
<i>Aplodinotus</i>	<i>grunniens</i>					1					8
UNKNOWN											

Table 1. Fishes collected by trawls at Station 10 (Emsworth Pool) on 6 August, 2009.

		RDB Bot		RC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>			3			
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>					2	
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>		2				
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>		1				
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>		4		1		2
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>		1		2		
<i>Percina</i>	<i>copelandi</i>		6		2	2	1
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>	1					
<i>Aplodinotus</i>	<i>grunniens</i>					1	
UNKNOWN							

Table 1. Fishes collected by trawls at Station 11 (Emsworth Pool) on 6 August, 2009.

		RDB		RC				LDB	
		Bot		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>					3			
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	53	5	2				4	
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusum</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>							1	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	104		3					
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>			1					
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>		3						
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>			1				21	
UNKNOWN									

Table 2. Fishes collected by trawls at Station 12 (Dashields Pool) on 5 August, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>					1			
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>	84	26	21	1	3	5	14	
<i>Pimephales</i>	<i>notatus</i>				1		4		
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusum</i>								
Cyprinidae	sp/spp								
<i>Carpoides</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpoides</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>	1							
<i>Pylodictis</i>	<i>olivaris</i>					1			
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>	3							
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>	1							
<i>Etheostoma</i>	<i>caeruleum</i>	2	2		8		3		2
<i>Etheostoma</i>	<i>camurum</i>				2		1		
<i>Etheostoma</i>	<i>flabellare</i>								1
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>			1		2	2		
<i>Etheostoma</i>	<i>zonale</i>	1			1				
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>	2	3		3	34	2	13	12
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>								
UNKNOWN									

Table 2. Fishes collected by trawls at Station 13 (Dashields Pool) on 5 August, 2009.

		RDB				MC				LDB	
		Bot		Surf		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>										
<i>Amia</i>	<i>calva</i>										
<i>Alosa</i>	<i>chrysochloris</i>										
<i>Dorosoma</i>	<i>cepedianum</i>										
Clupeidae	sp/spp										
<i>Hiodon</i>	<i>alosoides</i>										
<i>Hiodon</i>	<i>tergisus</i>										
Esocidae	sp/spp										
<i>Campostoma</i>	<i>anomalum</i>										
<i>Cyprinella</i>	<i>spiloptera</i>										
<i>Cyprinus</i>	<i>carpio</i>										
<i>Erimystax</i>	<i>dissimilis</i>										
<i>Hybopsis</i>	<i>amblops</i>										
<i>Macrhybopsis</i>	<i>storeriana</i>					1					
<i>Notropis</i>	<i>atherinoides</i>										
<i>Notropis</i>	<i>hudsonius</i>										
<i>Notropis</i>	<i>rubellus</i>										
<i>Notropis</i>	<i>stramineus</i>										
<i>Notropis</i>	<i>volucellus</i>		2			2					27
<i>Pimephales</i>	<i>notatus</i>										
<i>Pimephales</i>	<i>promelas</i>										
<i>Rhinichthys</i>	<i>obtus</i>										
Cyprinidae	sp/spp										
<i>Carpoides</i>	<i>cyprinus</i>										
<i>Hypentelium</i>	<i>nigricans</i>										
<i>Ictiobus</i>	<i>bubalus</i>										
<i>Moxostoma</i>	<i>anisurum</i>										
<i>Moxostoma</i>	<i>breviceps</i>										
<i>Moxostoma</i>	<i>carinatum</i>										
<i>Moxostoma</i>	<i>erythrurum</i>										
<i>Carpoides</i>	sp/spp										
<i>Ictiobus</i>	sp/spp										
<i>Moxostoma</i>	sp/spp										
Catostomidae	sp/spp										
<i>Ictalurus</i>	<i>punctatus</i>										
<i>Pylodictis</i>	<i>olivaris</i>										
<i>Percopsis</i>	<i>omiscamaycus</i>										
<i>Fundulus</i>	<i>diaphinus</i>										
<i>Labidesthes</i>	<i>sicculus</i>										
<i>Cottus</i>	<i>bairdi</i>										
<i>Morone</i>	<i>chrysops</i>										
<i>Morone</i>	<i>saxatilis</i>										
Moronidae	sp/spp										
<i>Ambloplites</i>	<i>rupestris</i>										

<i>Lepomis</i>	<i>macrochirus</i>			1				1			
<i>Micropterus</i>	<i>dolomieu</i>										
<i>Micropterus</i>	<i>punctulatus</i>										
<i>Micropterus</i>	<i>salmoides</i>										
<i>Pomoxis</i>	<i>nigromaculatus</i>										
<i>Etheostoma</i>	<i>blennioides</i>										
<i>Etheostoma</i>	<i>caeruleum</i>										
<i>Etheostoma</i>	<i>camurum</i>		1							1	1
<i>Etheostoma</i>	<i>flabellare</i>						1				
<i>Etheostoma</i>	<i>nigrum</i>										
<i>Etheostoma</i>	<i>tippecanoe</i>										1
<i>Etheostoma</i>	<i>zonale</i>									2	1
<i>Perca</i>	<i>flavescens</i>										
<i>Percina</i>	<i>caprodes</i>										
<i>Percina</i>	<i>copelandi</i>		2								31
<i>Percina</i>	<i>evides</i>										
<i>Percina</i>	<i>macrocephala</i>										
<i>Percina</i>	<i>shumardi</i>										
<i>Sander</i>	<i>vitreus</i>										
<i>Sander</i>	sp/spp									1	
Percidae	sp/spp										
<i>Aplodinotus</i>	<i>grunniens</i>									3	
UNKNOWN											

Table 2. Fishes collected by trawls at Station 14 (Dashields Pool) on 5 August, 2009.

		MC				LDB	
		Bot		Surf		Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		1				
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>	16					
<i>Pylodictis</i>	<i>olivaris</i>					1	
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>		1				
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>		3			1	
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>	1	1				
UNKNOWN				1			

Table2n. Fishes collected by trawls at Station 15 (Dashields Pool) on 5 August, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>			1			
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>	4				1	
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		7	1	5	2	15
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>			1			
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>	2		33			
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>		1				3
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						1
<i>Percina</i>	<i>copelandi</i>	4		1		3	21
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>	2		2		20	
UNKNOWN							

Table 3. Fishes collected by trawls at Station 16 (Montgomery Pool) on 5 August, 2009.

		RDB		RC		LC				LDB			
		Surf		Bot		Bot		Surf		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>												
<i>Amia</i>	<i>calva</i>												
<i>Alosa</i>	<i>chrysochloris</i>												
<i>Dorosoma</i>	<i>cepedianum</i>												
Clupeidae	sp/spp												
<i>Hiodon</i>	<i>alosoides</i>												
<i>Hiodon</i>	<i>tergisus</i>												
Esocidae	sp/spp												
<i>Camptostoma</i>	<i>anomalum</i>												
<i>Cyprinella</i>	<i>spiloptera</i>												
<i>Cyprinus</i>	<i>carpio</i>												
<i>Erimystax</i>	<i>dissimilis</i>												
<i>Hybopsis</i>	<i>amblops</i>												
<i>Macrhybopsis</i>	<i>storeriana</i>												
<i>Notropis</i>	<i>atherinoides</i>												
<i>Notropis</i>	<i>hudsonius</i>												
<i>Notropis</i>	<i>rubellus</i>												
<i>Notropis</i>	<i>stramineus</i>												
<i>Notropis</i>	<i>volucellus</i>					14				3	34		
<i>Pimephales</i>	<i>notatus</i>												
<i>Pimephales</i>	<i>promelas</i>												
<i>Rhinichthys</i>	<i>obtusum</i>												
Cyprinidae	sp/spp			2									
<i>Carpionodes</i>	<i>cyprinus</i>												
<i>Hypentelium</i>	<i>nigricans</i>												
<i>Ictiobus</i>	<i>bubalus</i>												
<i>Moxostoma</i>	<i>anisurum</i>												
<i>Moxostoma</i>	<i>breviceps</i>												
<i>Moxostoma</i>	<i>carinatum</i>												
<i>Moxostoma</i>	<i>erythrurum</i>												
<i>Carpionodes</i>	sp/spp												
<i>Ictiobus</i>	sp/spp												
<i>Moxostoma</i>	sp/spp												
Catostomidae	sp/spp												
<i>Ictalurus</i>	<i>punctatus</i>												
<i>Pylodictis</i>	<i>olivaris</i>												
<i>Percopsis</i>	<i>omiscomaycus</i>												
<i>Fundulus</i>	<i>diaphinus</i>												
<i>Labidesthes</i>	<i>sicculus</i>	14											
<i>Cottus</i>	<i>bairdi</i>												
<i>Morone</i>	<i>chrysops</i>												
<i>Morone</i>	<i>saxatilis</i>									2			
Moronidae	sp/spp												
<i>Ambloplites</i>	<i>rupestris</i>												

<i>Lepomis</i>	<i>macrochirus</i>	1							1			1
<i>Micropterus</i>	<i>dolomieu</i>											
<i>Micropterus</i>	<i>punctulatus</i>											
<i>Micropterus</i>	<i>salmoides</i>											
<i>Pomoxis</i>	<i>nigromaculatus</i>											
<i>Etheostoma</i>	<i>blennioides</i>											
<i>Etheostoma</i>	<i>caeruleum</i>								10			
<i>Etheostoma</i>	<i>camurum</i>			1	3		1					
<i>Etheostoma</i>	<i>flabellare</i>											
<i>Etheostoma</i>	<i>nigrum</i>								1			
<i>Etheostoma</i>	<i>tippecanoe</i>											
<i>Etheostoma</i>	<i>zonale</i>											
<i>Perca</i>	<i>flavescens</i>											
<i>Percina</i>	<i>caprodes</i>								1			
<i>Percina</i>	<i>copelandi</i>			1			44		7	15		
<i>Percina</i>	<i>evides</i>											
<i>Percina</i>	<i>macrocephala</i>											
<i>Percina</i>	<i>shumardi</i>						3		2			
<i>Sander</i>	<i>vitreus</i>											
<i>Sander</i>	<i>sp/spp</i>											
<i>Percidae</i>	<i>sp/spp</i>											
<i>Aplodinotus</i>	<i>grunniens</i>											
UNKNOWN							1					

Table 3. Fishes collected by trawls at Station 17 (Montgomery Pool) on 3 August, 2009.

		RDB				RC			
		Bot		Surf		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>			1					
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>		1						
<i>Notropis</i>	<i>atherinoides</i>			1					
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		42			1	14	1	
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>					2			
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>			1					
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>								
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>								
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>						1		
<i>Percina</i>	<i>copelandi</i>	12	19				5		
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>		3				1		
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	<i>sp/spp</i>								
<i>Percidae</i>	<i>sp/spp</i>								
<i>Aplodinotus</i>	<i>grunniens</i>					1			
UNKNOWN									

Table 3. Fishes collected by trawls at Station 18 (Montgomery Pool) on 3 August, 2009.

		RDB		Surf	
		Bot			
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>			1	
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>	11			
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	48	142		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>	1			
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	30			
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>		2		
<i>Etheostoma</i>	<i>caeruleum</i>	1			
<i>Etheostoma</i>	<i>camurum</i>		5		
<i>Etheostoma</i>	<i>flabellare</i>		1		
<i>Etheostoma</i>	<i>nigrum</i>	1	3		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>	2	3		
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>	1	4		
<i>Percina</i>	<i>copelandi</i>	7	99		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		7		
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>	1			
UNKNOWN					

Table 3. Fishes collected by trawls at Station 19 (Montgomery Pool) on 3 August, 2009.

		LDB			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>		1		
<i>Macrhybopsis</i>	<i>storeriana</i>	24	3		
<i>Notropis</i>	<i>atherinoides</i>			1	
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	6	17	12	9
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>	1			
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>		3		
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				1
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	6		7	
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>	1			
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>		1		
<i>Etheostoma</i>	<i>nigrum</i>		1		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>	2			
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>		1		
<i>Percina</i>	<i>copelandi</i>	17	10	1	
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		2		
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>	1			
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>	34		3	
UNKNOWN					

Table 3. Fishes collected by trawls at Station 20 (Montgomery Pool) on 3 August, 2009.

		RDB		MC		LDB			
		Bot		Mid		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>								
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>								
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>						1		
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtusius</i>								
Cyprinidae	sp/spp								
<i>Carpionodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>								
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpionodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>								
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>								
<i>Micropterus</i>	<i>dolomieu</i>								
<i>Micropterus</i>	<i>punctulatus</i>								
<i>Micropterus</i>	<i>salmoides</i>								
<i>Pomoxis</i>	<i>nigromaculatus</i>								
<i>Etheostoma</i>	<i>blennioides</i>		1		1				
<i>Etheostoma</i>	<i>caeruleum</i>								
<i>Etheostoma</i>	<i>camurum</i>								
<i>Etheostoma</i>	<i>flabellare</i>								
<i>Etheostoma</i>	<i>nigrum</i>								
<i>Etheostoma</i>	<i>tippecanoe</i>								
<i>Etheostoma</i>	<i>zonale</i>		5		7		1		
<i>Perca</i>	<i>flavescens</i>								
<i>Percina</i>	<i>caprodes</i>								
<i>Percina</i>	<i>copelandi</i>								
<i>Percina</i>	<i>evides</i>								
<i>Percina</i>	<i>macrocephala</i>								
<i>Percina</i>	<i>shumardi</i>								
<i>Sander</i>	<i>vitreus</i>								
<i>Sander</i>	sp/spp								
Percidae	sp/spp								
<i>Aplodinotus</i>	<i>grunniens</i>	1		1		2		1	
UNKNOWN									

Table 3. Fishes collected by trawls at Station 21 (Montgomery Pool) on 3 August, 2009.

		MC			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>			1	
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>	1			
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	1			
<i>Pimephales</i>	<i>notatus</i>		1		
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpodes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>	1			
<i>Moxostoma</i>	<i>breviceps</i>	1			
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>	1			
<i>Carpodes</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>	1			
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	2			
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>	1			
<i>Perca</i>	<i>flavescens</i>	4			
<i>Percina</i>	<i>caprodes</i>	12			
<i>Percina</i>	<i>copelandi</i>	1	2		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		1		
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	sp/spp	1			
<i>Percidae</i>	sp/spp		2		
<i>Aplodinotus</i>	<i>grunniens</i>	41			
UNKNOWN					

Table 3. Fishes collected by trawls at Station 22 (Montgomery Pool) on 3 August, 2009.

		RDB Bot		RC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>			5		10	
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>					1	
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>			1			
<i>Pylodictis</i>	<i>olivaris</i>	1					
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>				1	
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>				8	
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>				1	
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>	10		14		25
UNKNOWN						

Table 3. Fishes collected by trawls at Station 23 (Montgomery Pool) on 3 August, 2009.

<i>Lepisosteus</i>	<i>osseus</i>
<i>Amia</i>	<i>calva</i>
<i>Alosa</i>	<i>chrysochloris</i>
<i>Dorosoma</i>	<i>cepedianum</i>
Clupeidae	sp/spp
<i>Hiodon</i>	<i>alosoides</i>
<i>Hiodon</i>	<i>tergisus</i>
Esocidae	sp/spp
<i>Campostoma</i>	<i>anomalum</i>
<i>Cyprinella</i>	<i>spiloptera</i>
<i>Cyprinus</i>	<i>carpio</i>
<i>Erimystax</i>	<i>dissimilis</i>
<i>Hybopsis</i>	<i>amblops</i>
<i>Macrhybopsis</i>	<i>storeriana</i>
<i>Notropis</i>	<i>atherinoides</i>
<i>Notropis</i>	<i>hudsonius</i>
<i>Notropis</i>	<i>rubellus</i>
<i>Notropis</i>	<i>stramineus</i>
<i>Notropis</i>	<i>volucellus</i>
<i>Pimephales</i>	<i>notatus</i>
<i>Pimephales</i>	<i>promelas</i>
<i>Rhinichthys</i>	<i>obtusum</i>
Cyprinidae	sp/spp
<i>Carpionotus</i>	<i>cyprinus</i>
<i>Hypentelium</i>	<i>nigricans</i>
<i>Ictiobus</i>	<i>bubalus</i>
<i>Moxostoma</i>	<i>anisurum</i>
<i>Moxostoma</i>	<i>breviceps</i>
<i>Moxostoma</i>	<i>carinatum</i>
<i>Moxostoma</i>	<i>erythrurum</i>
<i>Carpionotus</i>	sp/spp
<i>Ictiobus</i>	sp/spp
<i>Moxostoma</i>	sp/spp
Catostomidae	sp/spp
<i>Ictalurus</i>	<i>punctatus</i>
<i>Pylodictis</i>	<i>olivaris</i>
<i>Percopsis</i>	<i>omiscornatus</i>
<i>Fundulus</i>	<i>diaphinus</i>
<i>Labidesthes</i>	<i>sicculus</i>
<i>Cottus</i>	<i>bairdi</i>
<i>Morone</i>	<i>chrysops</i>
<i>Morone</i>	<i>saxatilis</i>
Moronidae	sp/spp
<i>Ambloplites</i>	<i>rupestris</i>
<i>Lepomis</i>	<i>macrochirus</i>

<i>Micropterus</i>	<i>dolomieu</i>
<i>Micropterus</i>	<i>punctulatus</i>
<i>Micropterus</i>	<i>salmoides</i>
<i>Pomoxis</i>	<i>nigromaculatus</i>
<i>Etheostoma</i>	<i>blennioides</i>
<i>Etheostoma</i>	<i>caeruleum</i>
<i>Etheostoma</i>	<i>camurum</i>
<i>Etheostoma</i>	<i>flabellare</i>
<i>Etheostoma</i>	<i>nigrum</i>
<i>Etheostoma</i>	<i>tippecanoe</i>
<i>Etheostoma</i>	<i>zonale</i>
<i>Perca</i>	<i>flavescens</i>
<i>Percina</i>	<i>caprodes</i>
<i>Percina</i>	<i>copelandi</i>
<i>Percina</i>	<i>evides</i>
<i>Percina</i>	<i>macrocephala</i>
<i>Percina</i>	<i>shumardi</i>
<i>Sander</i>	<i>vitreus</i>
<i>Sander</i>	<i>sp/spp</i>
<i>Percidae</i>	<i>sp/spp</i>
<i>Aplodinotus</i>	<i>grunniens</i>
UNKNOWN	

Table 4. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 4 August, 2009.

		RDB Bot		RC Bot		LC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>								
<i>Amia</i>	<i>calva</i>								
<i>Alosa</i>	<i>chrysochloris</i>								
<i>Dorosoma</i>	<i>cepedianum</i>					1			
Clupeidae	sp/spp								
<i>Hiodon</i>	<i>alosoides</i>								
<i>Hiodon</i>	<i>tergisus</i>								
Esocidae	sp/spp								
<i>Campostoma</i>	<i>anomalum</i>								
<i>Cyprinella</i>	<i>spiloptera</i>								
<i>Cyprinus</i>	<i>carpio</i>								
<i>Erimystax</i>	<i>dissimilis</i>								
<i>Hybopsis</i>	<i>amblops</i>								
<i>Macrhybopsis</i>	<i>storeriana</i>								
<i>Notropis</i>	<i>atherinoides</i>				1				
<i>Notropis</i>	<i>hudsonius</i>								
<i>Notropis</i>	<i>rubellus</i>								
<i>Notropis</i>	<i>stramineus</i>								
<i>Notropis</i>	<i>volucellus</i>		16		2				
<i>Pimephales</i>	<i>notatus</i>								
<i>Pimephales</i>	<i>promelas</i>								
<i>Rhinichthys</i>	<i>obtus</i>								
Cyprinidae	sp/spp								
<i>Carpiodes</i>	<i>cyprinus</i>								
<i>Hypentelium</i>	<i>nigricans</i>	1							
<i>Ictiobus</i>	<i>bubalus</i>								
<i>Moxostoma</i>	<i>anisurum</i>								
<i>Moxostoma</i>	<i>breviceps</i>								
<i>Moxostoma</i>	<i>carinatum</i>								
<i>Moxostoma</i>	<i>erythrurum</i>								
<i>Carpiodes</i>	sp/spp								
<i>Ictiobus</i>	sp/spp								
<i>Moxostoma</i>	sp/spp								
Catostomidae	sp/spp								
<i>Ictalurus</i>	<i>punctatus</i>			2		14		3	
<i>Pylodictis</i>	<i>olivaris</i>								
<i>Percopsis</i>	<i>omiscomaycus</i>								
<i>Fundulus</i>	<i>diaphinus</i>								
<i>Labidesthes</i>	<i>sicculus</i>								
<i>Cottus</i>	<i>bairdi</i>								
<i>Morone</i>	<i>chrysops</i>								
<i>Morone</i>	<i>saxatilis</i>								
Moronidae	sp/spp								
<i>Ambloplites</i>	<i>rupestris</i>								

<i>Lepomis</i>	<i>macrochirus</i>							
<i>Micropterus</i>	<i>dolomieu</i>							
<i>Micropterus</i>	<i>punctulatus</i>							
<i>Micropterus</i>	<i>salmoides</i>							
<i>Pomoxis</i>	<i>nigromaculatus</i>							
<i>Etheostoma</i>	<i>blennioides</i>							
<i>Etheostoma</i>	<i>caeruleum</i>							
<i>Etheostoma</i>	<i>camurum</i>							
<i>Etheostoma</i>	<i>flabellare</i>							
<i>Etheostoma</i>	<i>nigrum</i>							
<i>Etheostoma</i>	<i>tippecanoe</i>			1	6			
<i>Etheostoma</i>	<i>zonale</i>	3		2				
<i>Perca</i>	<i>flavescens</i>							
<i>Percina</i>	<i>caprodes</i>		1				17	15
<i>Percina</i>	<i>copelandi</i>	8	114	6	139	2	30	15
<i>Percina</i>	<i>evides</i>							
<i>Percina</i>	<i>macrocephala</i>							
<i>Percina</i>	<i>shumardi</i>		13		21		2	11
<i>Sander</i>	<i>vitreus</i>							
<i>Sander</i>	<i>sp/spp</i>							
<i>Percidae</i>	<i>sp/spp</i>							
<i>Aplodinotus</i>	<i>grunniens</i>							
UNKNOWN								

Table 4. Fishes collected by trawls at Station 25 (New Cumberland Pool) on 4 August, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>			1	
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>				
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				1
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				11
<i>Percina</i>	<i>copelandi</i>				6
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		1		7
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>	4		3	
UNKNOWN					

Table 4. Fishes collected by trawls at Station 26 (New Cumberland Pool) on 4 August, 2009.

		RDB Bot		RC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>	4	12	5			3
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusius</i>						
Cyprinidae	sp/spp						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>	1				
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>		1	1		
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>	3		1	3	
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>	1		1	1	
<i>Percina</i>	<i>copelandi</i>	10	18	10	11	12
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>			3		
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>	4		1	1	
UNKNOWN						

Table 4. Fishes collected by trawls at Station 27 (New Cumberland Pool) on 4 August, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>			1			
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						1
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>			1			
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>	1				
<i>Percina</i>	<i>copelandi</i>	3	6	2	2	
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>					
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>			1		
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>	2		11	9	
UNKNOWN						

Table 4. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 4 August, 2009.

		MC			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
Clupeidae	sp/spp				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
Esocidae	sp/spp				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>		1		
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		6		
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
Cyprinidae	sp/spp				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	sp/spp				
<i>Ictiobus</i>	sp/spp				
<i>Moxostoma</i>	sp/spp				
Catostomidae	sp/spp				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
Moronidae	sp/spp				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>		2		
<i>Etheostoma</i>	<i>caeruleum</i>	2	6		6
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>	2			
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>	5			
<i>Percina</i>	<i>copelandi</i>	2	16		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>	3			
UNKNOWN					

Table 4. Fishes collected by trawls at Station 29 (New Cumberland Pool) on 4 August, 2009.

		RDB Bot		RC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		8		1		
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivar</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>	1					
Moronidae	sp/spp						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>				1		
<i>Etheostoma</i>	<i>camurum</i>				1		
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>		1				1
<i>Percina</i>	<i>copelandi</i>	17	32	3	8		
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>		6		3		
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>	1			5		
UNKNOWN							

APPENDIX VII

Fishes collected by trawls in October 2009

Table 1. Fishes collected by trawls at Station 1 (Emsworth Pool) on 15 october, 2009.

		RDB				MC				LDB			
		Bot		Surf		Bot		Surf		Bot		Surf	
		YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>												
<i>Amia</i>	<i>calva</i>												
<i>Alosa</i>	<i>chrysochloris</i>												
<i>Dorosoma</i>	<i>cepedianum</i>												
<i>Clupeidae</i>	<i>sp/spp</i>												
<i>Hiodon</i>	<i>alosoides</i>												
<i>Hiodon</i>	<i>tergisus</i>												
<i>Esocidae</i>	<i>sp/spp</i>												
<i>Campostoma</i>	<i>anomalum</i>												
<i>Cyprinella</i>	<i>spiloptera</i>												
<i>Cyprinus</i>	<i>carpio</i>												
<i>Erimystax</i>	<i>dissimilis</i>					1							
<i>Hybopsis</i>	<i>amblops</i>												
<i>Macrhybopsis</i>	<i>storeriana</i>												
<i>Notropis</i>	<i>atherinoides</i>												
<i>Notropis</i>	<i>hudsonius</i>												
<i>Notropis</i>	<i>rubellus</i>												
<i>Notropis</i>	<i>stramineus</i>												
<i>Notropis</i>	<i>volucellus</i>												
<i>Pimephales</i>	<i>notatus</i>												
<i>Pimephales</i>	<i>promelas</i>												
<i>Rhinichthys</i>	<i>obtusius</i>												
<i>Cyprinidae</i>	<i>sp/spp</i>												
<i>Carpionides</i>	<i>cyprinus</i>												
<i>Hypentelium</i>	<i>nigricans</i>												
<i>Ictiobus</i>	<i>bubalus</i>												
<i>Moxostoma</i>	<i>anisurum</i>												
<i>Moxostoma</i>	<i>breviceps</i>												
<i>Moxostoma</i>	<i>carinatum</i>												
<i>Moxostoma</i>	<i>erythrurum</i>												
<i>Carpionides</i>	<i>sp/spp</i>												
<i>Ictiobus</i>	<i>sp/spp</i>												
<i>Moxostoma</i>	<i>sp/spp</i>												
<i>Catostomidae</i>	<i>sp/spp</i>												
<i>Ictalurus</i>	<i>punctatus</i>												
<i>Pylodictis</i>	<i>olivaris</i>												
<i>Percopsis</i>	<i>omiscomaycus</i>												
<i>Fundulus</i>	<i>diaphinus</i>												
<i>Labidesthes</i>	<i>sicculus</i>												
<i>Cottus</i>	<i>bairdi</i>												
<i>Morone</i>	<i>chrysops</i>												
<i>Morone</i>	<i>saxatilis</i>												
<i>Moronidae</i>	<i>sp/spp</i>												
<i>Ambloplites</i>	<i>rupestris</i>												
<i>Lepomis</i>	<i>macrochirus</i>												

<i>Micropterus</i>	<i>dolomieu</i>												
<i>Micropterus</i>	<i>punctulatus</i>												
<i>Micropterus</i>	<i>salmoides</i>												
<i>Pomoxis</i>	<i>nigromaculatus</i>												
<i>Etheostoma</i>	<i>blennioides</i>												
<i>Etheostoma</i>	<i>caeruleum</i>												
<i>Etheostoma</i>	<i>camurum</i>		2		1				1				1
<i>Etheostoma</i>	<i>flabellare</i>												
<i>Etheostoma</i>	<i>nigrum</i>		1				1				5		
<i>Etheostoma</i>	<i>tippecanoe</i>												
<i>Etheostoma</i>	<i>zonale</i>		2				1						
<i>Perca</i>	<i>flavescens</i>												
<i>Percina</i>	<i>caprodes</i>												
<i>Percina</i>	<i>copelandi</i>		20				56						
<i>Percina</i>	<i>evides</i>		1				1						
<i>Percina</i>	<i>macrocephala</i>												
<i>Percina</i>	<i>shumardi</i>												
<i>Sander</i>	<i>vitreus</i>												
<i>Sander</i>	<i>sp/spp</i>												
<i>Percidae</i>	<i>sp/spp</i>												
<i>Aplodinotus</i>	<i>grunniens</i>												
UNKNOWN													

Table 1. Fishes collected by trawls at Station 2 (Emsworth Pool) on 15 October, 2009.

		RDB Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>		1		
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>		1		
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	1		8	13
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				18
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				1
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		15	2	26
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 1. Fishes collected by trawls at Station 3 (Emsworth Pool) on 15 October, 2009.

		RDB				MC	
		Bot		Surf		Bot	
		YOY	1+	YO Y	1 +	YO Y	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
Clupeidae	sp/spp						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
Esocidae	sp/spp						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
Cyprinidae	sp/spp						
<i>Carpionodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpionodes</i>	sp/spp						
<i>Ictiobus</i>	sp/spp						
<i>Moxostoma</i>	sp/spp						
Catostomidae	sp/spp						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
Moronidae	sp/spp						

<i>Ambloplites</i>	<i>rupestris</i>						
<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>				1		
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>		2				5
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						1
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>		18				26
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>		1				
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN							

Table 1. Fishes collected by trawls at Station 4 (Emsworth Pool) on 15 October, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>		7		1
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	14	275	4	127
<i>Pimephales</i>	<i>notatus</i>				3
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpodes</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpodes</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		9		1
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 1. Fishes collected by trawls at Station 9 (Emsworth Pool) on 15 October, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		14		4
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusius</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscamaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		1
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		1		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table1. Fishes collected by trawls at Station 11 (Emmsworth Pool) on 16 october, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpiodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpiodes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>	2		1		1	
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>						
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
<i>UNKNOWN</i>							

Table1. Fishes collected by trawls at Station 12 (Dashields Pool) on 16 october, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		18				2
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusum</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>						
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>		1				
<i>Etheostoma</i>	<i>flabellare</i>				2		
<i>Etheostoma</i>	<i>nigrum</i>		1				
<i>Etheostoma</i>	<i>tippecanoe</i>				3		
<i>Etheostoma</i>	<i>zonale</i>				1		
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>		1				
<i>Percina</i>	<i>copelandi</i>		36		33		35
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>						
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
UNKNOWN							

Table 2. Fishes collected by trawls at Station 15 (Dashields Pool) on 16 October, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>		1		
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		9		3
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtus</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>	1		
<i>Micropterus</i>	<i>dolomieu</i>			1
<i>Micropterus</i>	<i>punctulatus</i>			
<i>Micropterus</i>	<i>salmoides</i>			
<i>Pomoxis</i>	<i>nigromaculatus</i>			
<i>Etheostoma</i>	<i>blennioides</i>			
<i>Etheostoma</i>	<i>caeruleum</i>			
<i>Etheostoma</i>	<i>camurum</i>			
<i>Etheostoma</i>	<i>flabellare</i>			
<i>Etheostoma</i>	<i>nigrum</i>			1
<i>Etheostoma</i>	<i>tippecanoe</i>			
<i>Etheostoma</i>	<i>zonale</i>			
<i>Perca</i>	<i>flavescens</i>			
<i>Percina</i>	<i>caprodes</i>			
<i>Percina</i>	<i>copelandi</i>		8	3
<i>Percina</i>	<i>evides</i>			
<i>Percina</i>	<i>macrocephala</i>			
<i>Percina</i>	<i>shumardi</i>			
<i>Sander</i>	<i>vitreus</i>			
<i>Sander</i>	<i>sp/spp</i>			
<i>Percidae</i>	<i>sp/spp</i>			
<i>Aplodinotus</i>	<i>grunniens</i>			
UNKNOWN				

Table 3. Fishes collected by trawls at Station 16 (Montgomery Pool) on 16 October, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>						
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusum</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>		5		4	
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>					1
<i>Etheostoma</i>	<i>tippecanoe</i>				1	
<i>Etheostoma</i>	<i>zonale</i>				1	1
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		24		44	42
<i>Percina</i>	<i>evides</i>				1	
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>		1			
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 23. Fishes collected by trawls at Station 18 (Montgomery Pool) on 17 October, 2009.

		RDB Bot		MC Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>	2	26		6
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>		1		1
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>		1		1
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		20		6
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 3. Fishes collected by trawls at Station 21 (Montgomery Pool) on 17 October, 2009.

		MC Bot	
		YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>		
<i>Amia</i>	<i>calva</i>		
<i>Alosa</i>	<i>chrysochloris</i>		
<i>Dorosoma</i>	<i>cepedianum</i>		
<i>Clupeidae</i>	<i>sp/spp</i>		
<i>Hiodon</i>	<i>alosoides</i>		
<i>Hiodon</i>	<i>tergisus</i>		
<i>Esocidae</i>	<i>sp/spp</i>		
<i>Campostoma</i>	<i>anomalum</i>		
<i>Cyprinella</i>	<i>spiloptera</i>		
<i>Cyprinus</i>	<i>carpio</i>		
<i>Erimystax</i>	<i>dissimilis</i>		
<i>Hybopsis</i>	<i>amblops</i>		
<i>Macrhybopsis</i>	<i>storeriana</i>		1
<i>Notropis</i>	<i>atherinoides</i>		
<i>Notropis</i>	<i>hudsonius</i>		
<i>Notropis</i>	<i>rubellus</i>		
<i>Notropis</i>	<i>stramineus</i>		
<i>Notropis</i>	<i>volucellus</i>		
<i>Pimephales</i>	<i>notatus</i>		
<i>Pimephales</i>	<i>promelas</i>		
<i>Rhinichthys</i>	<i>obtusius</i>		
<i>Cyprinidae</i>	<i>sp/spp</i>		
<i>Carpoides</i>	<i>cyprinus</i>		
<i>Hypentelium</i>	<i>nigricans</i>		
<i>Ictiobus</i>	<i>bubalus</i>		
<i>Moxostoma</i>	<i>anisurum</i>		
<i>Moxostoma</i>	<i>breviceps</i>		
<i>Moxostoma</i>	<i>carinatum</i>		
<i>Moxostoma</i>	<i>erythrurum</i>	1	
<i>Carpoides</i>	<i>sp/spp</i>		
<i>Ictiobus</i>	<i>sp/spp</i>		
<i>Moxostoma</i>	<i>sp/spp</i>		
<i>Catostomidae</i>	<i>sp/spp</i>		
<i>Ictalurus</i>	<i>punctatus</i>		
<i>Pylodictis</i>	<i>olivaris</i>		
<i>Percopsis</i>	<i>omiscamaycus</i>		
<i>Fundulus</i>	<i>diaphinus</i>		
<i>Labidesthes</i>	<i>sicculus</i>		
<i>Cottus</i>	<i>bairdi</i>		
<i>Morone</i>	<i>chrysops</i>		
<i>Morone</i>	<i>saxatilis</i>		
<i>Moronidae</i>	<i>sp/spp</i>		
<i>Ambloplites</i>	<i>rupestris</i>		

<i>Lepomis</i>	<i>macrochirus</i>		
<i>Micropterus</i>	<i>dolomieu</i>		
<i>Micropterus</i>	<i>punctulatus</i>		
<i>Micropterus</i>	<i>salmoides</i>		
<i>Pomoxis</i>	<i>nigromaculatus</i>		
<i>Etheostoma</i>	<i>blennioides</i>		
<i>Etheostoma</i>	<i>caeruleum</i>		
<i>Etheostoma</i>	<i>camurum</i>		
<i>Etheostoma</i>	<i>flabellare</i>		
<i>Etheostoma</i>	<i>nigrum</i>		
<i>Etheostoma</i>	<i>tippecanoe</i>		
<i>Etheostoma</i>	<i>zonale</i>		
<i>Perca</i>	<i>flavescens</i>		1
<i>Percina</i>	<i>caprodes</i>		1
<i>Percina</i>	<i>copelandi</i>		
<i>Percina</i>	<i>evides</i>		
<i>Percina</i>	<i>macrocephala</i>		
<i>Percina</i>	<i>shumardi</i>		
<i>Sander</i>	<i>vitreus</i>		
<i>Sander</i>	<i>sp/spp</i>		
<i>Percidae</i>	<i>sp/spp</i>		
<i>Aplodinotus</i>	<i>grunniens</i>		
<i>UNKNOWN</i>			

Table 3. Fishes collected by trawls at Station 22 (Montgomery Pool) on 17 October, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>	6	2		3		
<i>Notropis</i>	<i>atherinoides</i>						1
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>					10	13
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtusum</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpoides</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpoides</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivaris</i>						
<i>Percopsis</i>	<i>omiscomaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>	1					
<i>Micropterus</i>	<i>dolomieu</i>						
<i>Micropterus</i>	<i>punctulatus</i>						
<i>Micropterus</i>	<i>salmoides</i>						
<i>Pomoxis</i>	<i>nigromaculatus</i>						
<i>Etheostoma</i>	<i>blennioides</i>						
<i>Etheostoma</i>	<i>caeruleum</i>						
<i>Etheostoma</i>	<i>camurum</i>						
<i>Etheostoma</i>	<i>flabellare</i>						
<i>Etheostoma</i>	<i>nigrum</i>						
<i>Etheostoma</i>	<i>tippecanoe</i>						
<i>Etheostoma</i>	<i>zonale</i>						
<i>Perca</i>	<i>flavescens</i>						
<i>Percina</i>	<i>caprodes</i>						
<i>Percina</i>	<i>copelandi</i>		2				3
<i>Percina</i>	<i>evides</i>						
<i>Percina</i>	<i>macrocephala</i>						
<i>Percina</i>	<i>shumardi</i>		1				
<i>Sander</i>	<i>vitreus</i>						
<i>Sander</i>	<i>sp/spp</i>						
<i>Percidae</i>	<i>sp/spp</i>						
<i>Aplodinotus</i>	<i>grunniens</i>						
<i>UNKNOWN</i>							

Table 4. Fishes collected by trawls at Station 24 (New Cumberland Pool) on 16 October, 2009.

		RDB Bot		LDB Bot	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>		1		
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		6		2
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>				
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				1
<i>Etheostoma</i>	<i>tippecanoe</i>				1
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		105		30
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>		2		
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					

Table 4. Fishes collected by trawls at Station 26(New Cumberland Pool) on 16 October, 2009.

		RDB Bot		MC Bot		LDB Bot	
		YOY	1+	YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>						
<i>Amia</i>	<i>calva</i>						
<i>Alosa</i>	<i>chrysochloris</i>						
<i>Dorosoma</i>	<i>cepedianum</i>						
<i>Clupeidae</i>	<i>sp/spp</i>						
<i>Hiodon</i>	<i>alosoides</i>						
<i>Hiodon</i>	<i>tergisus</i>						
<i>Esocidae</i>	<i>sp/spp</i>						
<i>Campostoma</i>	<i>anomalum</i>						
<i>Cyprinella</i>	<i>spiloptera</i>						
<i>Cyprinus</i>	<i>carpio</i>						
<i>Erimystax</i>	<i>dissimilis</i>						
<i>Hybopsis</i>	<i>amblops</i>						
<i>Macrhybopsis</i>	<i>storeriana</i>						
<i>Notropis</i>	<i>atherinoides</i>						
<i>Notropis</i>	<i>hudsonius</i>						
<i>Notropis</i>	<i>rubellus</i>						
<i>Notropis</i>	<i>stramineus</i>						
<i>Notropis</i>	<i>volucellus</i>		3		5		5
<i>Pimephales</i>	<i>notatus</i>						
<i>Pimephales</i>	<i>promelas</i>						
<i>Rhinichthys</i>	<i>obtus</i>						
<i>Cyprinidae</i>	<i>sp/spp</i>						
<i>Carpodes</i>	<i>cyprinus</i>						
<i>Hypentelium</i>	<i>nigricans</i>						
<i>Ictiobus</i>	<i>bubalus</i>						
<i>Moxostoma</i>	<i>anisurum</i>						
<i>Moxostoma</i>	<i>breviceps</i>						
<i>Moxostoma</i>	<i>carinatum</i>						
<i>Moxostoma</i>	<i>erythrurum</i>						
<i>Carpodes</i>	<i>sp/spp</i>						
<i>Ictiobus</i>	<i>sp/spp</i>						
<i>Moxostoma</i>	<i>sp/spp</i>						
<i>Catostomidae</i>	<i>sp/spp</i>						
<i>Ictalurus</i>	<i>punctatus</i>						
<i>Pylodictis</i>	<i>olivar</i>						
<i>Percopsis</i>	<i>omiscamaycus</i>						
<i>Fundulus</i>	<i>diaphinus</i>						
<i>Labidesthes</i>	<i>sicculus</i>						
<i>Cottus</i>	<i>bairdi</i>						
<i>Morone</i>	<i>chrysops</i>						
<i>Morone</i>	<i>saxatilis</i>						
<i>Moronidae</i>	<i>sp/spp</i>						
<i>Ambloplites</i>	<i>rupestris</i>						

<i>Lepomis</i>	<i>macrochirus</i>					
<i>Micropterus</i>	<i>dolomieu</i>					
<i>Micropterus</i>	<i>punctulatus</i>					
<i>Micropterus</i>	<i>salmoides</i>					
<i>Pomoxis</i>	<i>nigromaculatus</i>					
<i>Etheostoma</i>	<i>blennioides</i>					
<i>Etheostoma</i>	<i>caeruleum</i>					
<i>Etheostoma</i>	<i>camurum</i>					
<i>Etheostoma</i>	<i>flabellare</i>					
<i>Etheostoma</i>	<i>nigrum</i>		1			1
<i>Etheostoma</i>	<i>tippecanoe</i>					
<i>Etheostoma</i>	<i>zonale</i>					
<i>Perca</i>	<i>flavescens</i>					
<i>Percina</i>	<i>caprodes</i>					
<i>Percina</i>	<i>copelandi</i>		65	2		2
<i>Percina</i>	<i>evides</i>					
<i>Percina</i>	<i>macrocephala</i>					
<i>Percina</i>	<i>shumardi</i>		2			
<i>Sander</i>	<i>vitreus</i>					
<i>Sander</i>	<i>sp/spp</i>					
<i>Percidae</i>	<i>sp/spp</i>					
<i>Aplodinotus</i>	<i>grunniens</i>					
<i>UNKNOWN</i>						

Table 4. Fishes collected by trawls at Station 28 (New Cumberland Pool) on 16 October, 2009.

		MC			
		Bot		Surf	
		YOY	1+	YOY	1+
<i>Lepisosteus</i>	<i>osseus</i>				
<i>Amia</i>	<i>calva</i>				
<i>Alosa</i>	<i>chrysochloris</i>				
<i>Dorosoma</i>	<i>cepedianum</i>				
<i>Clupeidae</i>	<i>sp/spp</i>				
<i>Hiodon</i>	<i>alosoides</i>				
<i>Hiodon</i>	<i>tergisus</i>				
<i>Esocidae</i>	<i>sp/spp</i>				
<i>Campostoma</i>	<i>anomalum</i>				
<i>Cyprinella</i>	<i>spiloptera</i>				
<i>Cyprinus</i>	<i>carpio</i>				
<i>Erimystax</i>	<i>dissimilis</i>				
<i>Hybopsis</i>	<i>amblops</i>				
<i>Macrhybopsis</i>	<i>storeriana</i>				
<i>Notropis</i>	<i>atherinoides</i>				
<i>Notropis</i>	<i>hudsonius</i>				
<i>Notropis</i>	<i>rubellus</i>				
<i>Notropis</i>	<i>stramineus</i>				
<i>Notropis</i>	<i>volucellus</i>		21		1
<i>Pimephales</i>	<i>notatus</i>				
<i>Pimephales</i>	<i>promelas</i>				
<i>Rhinichthys</i>	<i>obtusum</i>				
<i>Cyprinidae</i>	<i>sp/spp</i>				
<i>Carpoides</i>	<i>cyprinus</i>				
<i>Hypentelium</i>	<i>nigricans</i>				
<i>Ictiobus</i>	<i>bubalus</i>				
<i>Moxostoma</i>	<i>anisurum</i>				
<i>Moxostoma</i>	<i>breviceps</i>				
<i>Moxostoma</i>	<i>carinatum</i>				
<i>Moxostoma</i>	<i>erythrurum</i>	1			
<i>Carpoides</i>	<i>sp/spp</i>				
<i>Ictiobus</i>	<i>sp/spp</i>				
<i>Moxostoma</i>	<i>sp/spp</i>				
<i>Catostomidae</i>	<i>sp/spp</i>				
<i>Ictalurus</i>	<i>punctatus</i>				
<i>Pylodictis</i>	<i>olivaris</i>				
<i>Percopsis</i>	<i>omiscomaycus</i>				
<i>Fundulus</i>	<i>diaphinus</i>				
<i>Labidesthes</i>	<i>sicculus</i>				
<i>Cottus</i>	<i>bairdi</i>				
<i>Morone</i>	<i>chrysops</i>				
<i>Morone</i>	<i>saxatilis</i>				
<i>Moronidae</i>	<i>sp/spp</i>				
<i>Ambloplites</i>	<i>rupestris</i>				

<i>Lepomis</i>	<i>macrochirus</i>				
<i>Micropterus</i>	<i>dolomieu</i>				
<i>Micropterus</i>	<i>punctulatus</i>				
<i>Micropterus</i>	<i>salmoides</i>				
<i>Pomoxis</i>	<i>nigromaculatus</i>				
<i>Etheostoma</i>	<i>blennioides</i>				
<i>Etheostoma</i>	<i>caeruleum</i>				
<i>Etheostoma</i>	<i>camurum</i>				
<i>Etheostoma</i>	<i>flabellare</i>				
<i>Etheostoma</i>	<i>nigrum</i>				
<i>Etheostoma</i>	<i>tippecanoe</i>				
<i>Etheostoma</i>	<i>zonale</i>				
<i>Perca</i>	<i>flavescens</i>				
<i>Percina</i>	<i>caprodes</i>				
<i>Percina</i>	<i>copelandi</i>		4		
<i>Percina</i>	<i>evides</i>				
<i>Percina</i>	<i>macrocephala</i>				
<i>Percina</i>	<i>shumardi</i>				
<i>Sander</i>	<i>vitreus</i>				
<i>Sander</i>	<i>sp/spp</i>				
<i>Percidae</i>	<i>sp/spp</i>				
<i>Aplodinotus</i>	<i>grunniens</i>				
<i>UNKNOWN</i>					