

The Canadian Field-Naturalist

SUPPLEMENTARY MATERIALS:

A baseline study of the fishes in the north-flowing section of the Rideau River-Canal system, Ontario, 1998–2000

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TABLE S4. Gear type and fishes collected at sites in the mainstem Rideau River and in the tributaries of the Rideau River, Ontario in 2000. A total of 1596 fishes were captured from two tributaries to the Rideau River (806 in Cranberry Creek and 790 in Mosquito Creek), 4118 fishes were captured at the six new sites on the Rideau River mainstem between Smiths Falls and Manotick, and 73 fishes were captured at the 14 sites along the Rideau River mainstem that were sampled in 1998.

SITE 1 Mosquito Creek at confluence with Rideau River, sampled 28 August.

Species	Gear type					Total
	Minnow trap A	Minnow trap B	Minnow trap C	Seine A	Seine B	
Pumpkinseed (<i>Lepomis gibbosus</i>)				8	4	12
Bluegill (<i>Lepomis macrochirus</i>)				29	11	40
Yellow Perch (<i>Perca flavescens</i>)				14	2	16
Common Shiner (<i>Luxilus cornutus</i>)						
Rock Bass (<i>Ambloplites rupestris</i>)			1	5	4	10
Black Crappie (<i>Pomoxis nigromaculatus</i>)						
Logperch (<i>Percina caprodes</i>)						
Banded Killifish (<i>Fundulus diaphanus</i>)						
Golden Shiner (<i>Notemigonus crysoleucas</i>)				9		9
Largemouth Bass (<i>Micropterus nigricans</i>)				2	1	3
Bluntnose Minnow (<i>Pimephales notatus</i>)						
Smallmouth Bass (<i>Micropterus dolomieu</i>)				6	1	7
Brook Silverside (<i>Labidesthes sicculus</i>)				3		3
Blacknose Shiner (<i>Notropis heterolepis</i>)						
Spottail Shiner (<i>Hudsonius hudsonius</i>)				2		2
Brown Bullhead (<i>Ameiurus nebulosus</i>)						
Tessellated Darter (<i>Etheostoma olmstedii</i>)						
Northern Pike (<i>Esox lucius</i>)				3		3
Blackchin Shiner (<i>Miniellus heterodon</i>)						
Silver Redhorse (<i>Moxostoma anisurum</i>)						
Fallfish (<i>Semotilus corporalis</i>)						
Walleye (<i>Sander vitreus</i>)				1		1
White Sucker (<i>Catostomus commersonii</i>)						
Muskellunge (<i>Esox masquinongy</i>)						
Tadpole Madtom (<i>Noturus gyrinus</i>)						
Mimic Shiner (<i>Paranotropis volucellus</i>)						
Rosyface Shiner (<i>Notropis rubellus</i>)						
Central Mudminnow (<i>Umbra limi</i>)						
Brassy Minnow (<i>Hybognathus hankinsoni</i>)				7		7
Emerald Shiner (<i>Notropis atherinoides</i>)						
Mudpuppy (<i>Necturus maculosus</i>)						
Unknown sunfish			6	462	77	545
Totals	0	0	7	551	100	658

TABLE S4. Continued.

SITE 2 Mosquito Creek, midway between confluence with Rideau River and as close to the source as possible, accessible by canoe, sampled in 2000.

Species	Gear type and dates of sampling						Total
	Minnow trap A	Minnow trap B	Minnow trap C	Seine A	Seine B	Seine C	
	28 August	28 August	28 August	29 August	29 August	29 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)							
Bluegill (<i>Lepomis macrochirus</i>)			1				1
Yellow Perch (<i>Perca flavescens</i>)	3			1	2	1	7
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)		2		1		1	4
Black Crappie (<i>Pomoxis nigromaculatus</i>)							
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)							
Golden Shiner (<i>Notemigonus crysoleucas</i>)							
Largemouth Bass (<i>Micropterus nigricans</i>)							
Bluntnose Minnow (<i>Pimephales notatus</i>)							
Smallmouth Bass (<i>Micropterus dolomieu</i>)							
Brook Silverside (<i>Labidesthes sicculus</i>)							
Blacknose Shiner (<i>Notropis heterolepis</i>)							
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)							
Tessellated Darter (<i>Etheostoma olmstedii</i>)							
Northern Pike (<i>Esox lucius</i>)							
Blackchin Shiner (<i>Miniellus heterodon</i>)							
Silver Redhorse (<i>Moxostoma anisurum</i>)							
Fallfish (<i>Semotilus corporalis</i>)							
Walleye (<i>Sander vitreus</i>)							
White Sucker (<i>Catostomus commersonii</i>)							
Muskellunge (<i>Esox masquinongy</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Mimic Shiner (<i>Paranotropis volucellus</i>)							
Rosyface Shiner (<i>Notropis rubellus</i>)							
Central Mudminnow (<i>Umbra limi</i>)							
Brassy Minnow (<i>Hybognathus hankinsoni</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Mudpuppy (<i>Necturus maculosus</i>)							
Unknown sunfish		3			11		14
Totals	3	5	0	2	13	2	25

TABLE S4. *Continued.*
SITE 3 Mosquito Creek, as close to the source as possible, accessible by canoe, sampled in 2000.

Species	Gear type and dates of sampling						Total
	Minnow trap A	Minnow trap B	Minnow trap C	Seine A	Seine B	Electro-fisher	
	23 September	23 September	23 September	29 August	29 August	24 September	
Pumpkinseed (<i>Lepomis gibbosus</i>)					1	2	3
Bluegill (<i>Lepomis macrochirus</i>)						1	1
Yellow Perch (<i>Perca flavescens</i>)			5	7	7	3	22
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)				2	6		8
Black Crappie (<i>Pomoxis nigromaculatus</i>)							
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)							
Golden Shiner (<i>Notemigonus crysoleucas</i>)							
Largemouth Bass (<i>Micropterus nigricans</i>)							
Bluntnose Minnow (<i>Pimephales notatus</i>)							
Smallmouth Bass (<i>Micropterus dolomieu</i>)						1	1
Brook Silverside (<i>Labidesthes sicculus</i>)							
Blacknose Shiner (<i>Notropis heterolepis</i>)							
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)							
Tessellated Darter (<i>Etheostoma olmstedi</i>)				2	1		3
Northern Pike (<i>Esox lucius</i>)							
Blackchin Shiner (<i>Miniellus heterodon</i>)							
Silver Redhorse (<i>Moxostoma anisurum</i>)							
Fallfish (<i>Semotilus corporalis</i>)							
Walleye (<i>Sander vitreus</i>)							
White Sucker (<i>Catostomus commersonii</i>)				3		6	9
Muskellunge (<i>Esox masquinongy</i>)				1			1
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Mimic Shiner (<i>Paranotropis volucellus</i>)							
Rosyface Shiner (<i>Notropis rubellus</i>)							
Central Mudminnow (<i>Umbra limi</i>)							
Brassy Minnow (<i>Hybognathus hankinsoni</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Mudpuppy (<i>Necturus maculosus</i>)							
Unknown sunfish				4	55		59
Totals	0	0	5	19	70	13	107

TABLE S4. Continued.
SITE 1 Cranberry Creek at confluence with Rideau River, sampled 30 August.

Species	Gear type					Total
	Minnow trap A	Minnow trap B	Minnow trap C	Seine A	Seine B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	1			46	15	64
Bluegill (<i>Lepomis macrochirus</i>)	1			284	202	490
Yellow Perch (<i>Perca flavescens</i>)				133	33	166
Common Shiner (<i>Luxilus cornutus</i>)						
Rock Bass (<i>Ambloplites rupestris</i>)				4		7
Black Crappie (<i>Pomoxis nigromaculatus</i>)				2		2
Logperch (<i>Percina caprodes</i>)						
Banded Killifish (<i>Fundulus diaphanus</i>)				4		4
Golden Shiner (<i>Notemigonus crysoleucas</i>)				1	19	20
Largemouth Bass (<i>Micropterus nigricans</i>)				10	3	13
Bluntnose Minnow (<i>Pimephales notatus</i>)						
Smallmouth Bass (<i>Micropterus dolomieu</i>)						
Brook Silverside (<i>Labidesthes sicculus</i>)				3		3
Blacknose Shiner (<i>Notropis heterolepis</i>)						
Spottail Shiner (<i>Hudsonius hudsonius</i>)						
Brown Bullhead (<i>Ameiurus nebulosus</i>)						
Tessellated Darter (<i>Etheostoma olmstedii</i>)						
Northern Pike (<i>Esox lucius</i>)				1		1
Blackchin Shiner (<i>Miniellus heterodon</i>)						
Silver Redhorse (<i>Moxostoma anisurum</i>)						
Fallfish (<i>Semotilus corporalis</i>)						
Walleye (<i>Sander vitreus</i>)						
White Sucker (<i>Catostomus commersonii</i>)						
Muskellunge (<i>Esox masquinongy</i>)						
Tadpole Madtom (<i>Noturus gyrinus</i>)						
Mimic Shiner (<i>Paranotropis volucellus</i>)						
Rosyface Shiner (<i>Notropis rubellus</i>)						
Central Mudminnow (<i>Umbra limi</i>)				12		12
Brassy Minnow (<i>Hybognathus hankinsoni</i>)				1		1
Emerald Shiner (<i>Notropis atherinoides</i>)					8	8
Mudpuppy (<i>Necturus maculosus</i>)						
Unknown sunfish	2			8	4	14
Totals	4	0	0	509	284	805

TABLE S4. *Continued.*
SITE 2 Cranberry Creek, midway between confluence with Rideau River and as close to the source as possible, accessible by canoe, sampled 30 August.

Species	Gear type			Total
	Minnow trap A	Minnow trap B	Minnow trap C	
Pumpkinseed (<i>Lepomis gibbosus</i>)				
Bluegill (<i>Lepomis macrochirus</i>)			1	1
Yellow Perch (<i>Perca flavescens</i>)				
Common Shiner (<i>Luxilus cornutus</i>)				
Rock Bass (<i>Ambloplites rupestris</i>)				
Black Crappie (<i>Pomoxis nigromaculatus</i>)				
Logperch (<i>Percina caprodes</i>)				
Banded Killifish (<i>Fundulus diaphanus</i>)				
Golden Shiner (<i>Notemigonus crysoleucas</i>)				
Largemouth Bass (<i>Micropterus nigricans</i>)				
Bluntnose Minnow (<i>Pimephales notatus</i>)				
Smallmouth Bass (<i>Micropterus dolomieu</i>)				
Brook Silverside (<i>Labidesthes sicculus</i>)				
Blacknose Shiner (<i>Notropis heterolepis</i>)				
Spottail Shiner (<i>Hudsonius hudsonius</i>)				
Brown Bullhead (<i>Ameiurus nebulosus</i>)				
Tessellated Darter (<i>Etheostoma olmstedii</i>)				
Northern Pike (<i>Esox lucius</i>)				
Blackchin Shiner (<i>Miniellus heterodon</i>)				
Silver Redhorse (<i>Moxostoma anisurum</i>)				
Fallfish (<i>Semotilus corporalis</i>)				
Walleye (<i>Sander vitreus</i>)				
White Sucker (<i>Catostomus commersonii</i>)				
Muskellunge (<i>Esox masquinongy</i>)				
Tadpole Madtom (<i>Noturus gyrinus</i>)				
Mimic Shiner (<i>Paranotropis volucellus</i>)				
Rosyface Shiner (<i>Notropis rubellus</i>)				
Central Mudminnow (<i>Umbra limi</i>)				
Brassy Minnow(<i>Hybognathus hankinsoni</i>)				
Emerald Shiner (<i>Notropis atherinoides</i>)				
Mudpuppy (<i>Necturus maculosus</i>)				
Unknown sunfish				
Totals	0	0	1	1

TABLE S4. Continued.

SITE 3 Cranberry Creek, as close to the source as possible, accessible by canoe, sampled 30 August.
Nothing caught in three minnow traps.

The 14 sites sampled along the Rideau River in 1998 resampled in 2000.

SITE 1 Former Ottawa City Hall, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)		23	23
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)		2	2
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	25	25

SITE 2 South of St. Patrick Street Bridge, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	2		2
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)	1		1
Totals	3	0	3

SITE 3 West of Bank Street Bridge, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)		2	2
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	2	2

TABLE S4. Continued.
SITE 4 West of Bronson Street Bridge, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	2		2
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	2	0	2

SITE 5 Downstream of Black Rapids, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	2		2
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	2	0	2

SITE 6 Rideau Glen, upstream of N44, resampled 10 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	2	1	3
Bluegill (<i>Lepomis macrochirus</i>)		1	1
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	1		1
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	3	2	5

TABLE S4. Continued.

SITE 7 Across from Rideau River Provincial Park, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	1		1
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	1	0	1

SITE 8 N207, downstream from the Catchall, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	0	0

SITE 9 N337, upstream from bird sanctuary, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	1		1
Bluegill (<i>Lepomis macrochirus</i>)	11	3	14
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)	2		2
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	14	3	17

TABLE S4. Continued.
SITE 10 N320, bird sanctuary, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	1		1
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	1	0	1

SITE 11 N183, upstream of Libby Island, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)		2	2
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	2	2

SITE 12 N211, upstream from the Catchall, resampled 3 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	3		3
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)	1		1
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	1		1
Largemouth Bass (<i>Micropterus nigricans</i>)	1		1
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	6	0	6

SITE 13 Upstream of N250, resampled 4 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)			
Bluegill (<i>Lepomis macrochirus</i>)			
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	0	0

SITE 14 N253, upstream from Rideau Creek confluence, resampled 4 September.

Species	Gear type		Total
	Minnow trap A	Minnow trap B	
Pumpkinseed (<i>Lepomis gibbosus</i>)		6	6
Bluegill (<i>Lepomis macrochirus</i>)		1	1
Yellow Perch (<i>Perca flavescens</i>)			
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Totals	0	7	7

Six new sites were sampled along the Rideau River in 2000.

SITE 15 Kars reach of Rideau River, upstream of Manotick Bridge, sampled 19 August.

Species	Gear type		Total
	Seine A	Seine B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	6	19	25
Bluegill (<i>Lepomis macrochirus</i>)	14	98	112
Yellow Perch (<i>Perca flavescens</i>)		13	13
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	4	18	22
Black Crappie (<i>Pomoxis nigromaculatus</i>)			
Logperch (<i>Percina caprodes</i>)		2	2
Banded Killifish (<i>Fundulus diaphanus</i>)			
Golden Shiner (<i>Notemigonus crysoleucas</i>)			
Largemouth Bass (<i>Micropterus nigricans</i>)		2	2
Bluntnose Minnow (<i>Pimephales notatus</i>)		1	1
Smallmouth Bass (<i>Micropterus dolomieu</i>)	2	2	4
Brook Silverside (<i>Labidesthes sicculus</i>)			
Blacknose Shiner (<i>Notropis heterolepis</i>)			
Spottail Shiner (<i>Hudsonius hudsonius</i>)			
Brown Bullhead (<i>Ameiurus nebulosus</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Northern Pike (<i>Esox lucius</i>)			
Greater Redhorse (<i>Moxostoma valenciennesi</i>)			
Blackchin Shiner (<i>Miniellus heterodon</i>)			
Silver Redhorse (<i>Moxostoma anisurum</i>)			
Fallfish (<i>Semotilus corporalis</i>)			
Walleye (<i>Sander vitreus</i>)			
White Sucker (<i>Catostomus commersonii</i>)			
Muskellunge (<i>Esox masquinongy</i>)			
Tadpole Madtom (<i>Noturus gyrinus</i>)			
Mimic Shiner (<i>Paranotropis volucellus</i>)			
Rosyface Shiner (<i>Notropis rubellus</i>)			
Central Mudminnow (<i>Umbra limi</i>)			
Emerald Shiner (<i>Notropis atherinoides</i>)			
Mudpuppy (<i>Necturus maculosus</i>)			
Unknown sunfish			
Totals	26	155	181

SITE 16 Kars reach of Rideau River, upstream of Hurst Marina, Manotick, sampled in 2000.

Species	Gear type and dates of sampling				Total
	Seine A	Seine B	Seine C	Seine D	
	20 August	19 August	20 August	20 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)	13	6	6	23	48
Bluegill (<i>Lepomis macrochirus</i>)	110	125	56	258	549
Yellow Perch (<i>Perca flavescens</i>)	19	13	13	84	128
Common Shiner (<i>Luxilus cornutus</i>)					
Rock Bass (<i>Ambloplites rupestris</i>)	3	2	7		12
Black Crappie (<i>Pomoxis nigromaculatus</i>)	3	3	2	5	13
Logperch (<i>Percina caprodes</i>)			3		3
Banded Killifish (<i>Fundulus diaphanus</i>)					
Golden Shiner (<i>Notemigonus crysoleucas</i>)			1		1
Largemouth Bass (<i>Micropterus nigricans</i>)		2	6	5	13
Bluntnose Minnow (<i>Pimephales notatus</i>)			5		5
Smallmouth Bass (<i>Micropterus dolomieu</i>)	1	1	2	4	8
Brook Silverside (<i>Labidesthes sicculus</i>)	1	1			2
Blacknose Shiner (<i>Notropis heterolepis</i>)			10		10
Spottail Shiner (<i>Hudsonius hudsonius</i>)					
Brown Bullhead (<i>Ameiurus nebulosus</i>)					
Tessellated Darter (<i>Etheostoma olmstedii</i>)			1		1
Northern Pike (<i>Esox lucius</i>)					
Greater Redhorse (<i>Moxostoma valenciennesi</i>)		1			1
Blackchin Shiner (<i>Miniellus heterodon</i>)					
Silver Redhorse (<i>Moxostoma anisurum</i>)					
Fallfish (<i>Semotilus corporalis</i>)					
Walleye (<i>Sander vitreus</i>)					
White Sucker (<i>Catostomus commersonii</i>)					
Muskellunge (<i>Esox masquinongy</i>)					
Tadpole Madtom (<i>Noturus gyrinus</i>)					
Mimic Shiner (<i>Paranotropis volucellus</i>)					
Rosyface Shiner (<i>Notropis rubellus</i>)					
Central Mudminnow (<i>Umbra limi</i>)					
Emerald Shiner (<i>Notropis atherinoides</i>)					
Mudpuppy (<i>Necturus maculosus</i>)					
Unknown sunfish			52		52
Totals	150	154	164	379	847

SITE 17 Kars reach of Rideau River, at N140, McGahey’s Bend, sampled 20 August.

Species	Gear type		Total
	Seine A	Seine B	
Pumpkinseed (<i>Lepomis gibbosus</i>)	37	37	74
Bluegill (<i>Lepomis macrochirus</i>)	412	215	627
Yellow Perch (<i>Perca flavescens</i>)	94	8	102
Common Shiner (<i>Luxilus cornutus</i>)			
Rock Bass (<i>Ambloplites rupestris</i>)	5	6	11
Black Crappie (<i>Pomoxis nigromaculatus</i>)		4	4
Logperch (<i>Percina caprodes</i>)		2	2
Banded Killifish (<i>Fundulus diaphanus</i>)		4	4
Golden Shiner (<i>Notemigonus crysoleucas</i>)	6		6
Largemouth Bass (<i>Micropterus nigricans</i>)	2	13	15
Bluntnose Minnow (<i>Pimephales notatus</i>)			
Smallmouth Bass (<i>Micropterus dolomieu</i>)			
Brook Silverside (<i>Labidesthes sicculus</i>)		7	7
Blacknose Shiner (<i>Notropis heterolepis</i>)		17	17
Spottail Shiner (<i>Hudsonius hudsonius</i>)			
Brown Bullhead (<i>Ameiurus nebulosus</i>)			
Tessellated Darter (<i>Etheostoma olmstedii</i>)			
Northern Pike (<i>Esox lucius</i>)			
Greater Redhorse (<i>Moxostoma valenciennesi</i>)			
Blackchin Shiner (<i>Miniellus heterodon</i>)			
Silver Redhorse (<i>Moxostoma anisurum</i>)			
Fallfish (<i>Semotilus corporalis</i>)			
Walleye (<i>Sander vitreus</i>)			
White Sucker (<i>Catostomus commersonii</i>)			
Muskellunge (<i>Esox masquinongy</i>)			
Tadpole Madtom (<i>Noturus gyrinus</i>)			
Mimic Shiner (<i>Paranotropis volucellus</i>)			
Rosyface Shiner (<i>Notropis rubellus</i>)			
Central Mudminnow (<i>Umbra limi</i>)			
Emerald Shiner (<i>Notropis atherinoides</i>)			
Mudpuppy (<i>Necturus maculosus</i>)			
Unknown sunfish		23	23
Totals	556	336	892

SITE 18 Kilmarnock reach of Rideau River, across from Baxter Conservation Area, sampled 21 August.

Species	Gear type				Total
	Minnow trap A	Minnow trap B	Minnow trap C	Electrofisher	
Pumpkinseed (<i>Lepomis gibbosus</i>)			1	2	3
Bluegill (<i>Lepomis macrochirus</i>)	2		14	8	24
Yellow Perch (<i>Perca flavescens</i>)					
Common Shiner (<i>Luxilus cornutus</i>)					
Rock Bass (<i>Ambloplites rupestris</i>)				1	1
Black Crappie (<i>Pomoxis nigromaculatus</i>)					
Logperch (<i>Percina caprodes</i>)					
Banded Killifish (<i>Fundulus diaphanus</i>)				1	1
Golden Shiner (<i>Notemigonus crysoleucas</i>)					
Largemouth Bass (<i>Micropterus nigricans</i>)				2	2
Bluntnose Minnow (<i>Pimephales notatus</i>)					
Smallmouth Bass (<i>Micropterus dolomieu</i>)					
Brook Silverside (<i>Labidesthes sicculus</i>)					
Blacknose Shiner (<i>Notropis heterolepis</i>)					
Spottail Shiner (<i>Hudsonius hudsonius</i>)					
Brown Bullhead (<i>Ameiurus nebulosus</i>)					
Tessellated Darter (<i>Etheostoma olmstedii</i>)					
Northern Pike (<i>Esox lucius</i>)					
Blackchin Shiner (<i>Miniellus heterodon</i>)					
Silver Redhorse (<i>Moxostoma anisurum</i>)					
Fallfish (<i>Semotilus corporalis</i>)					
Walleye (<i>Sander vitreus</i>)					
White Sucker (<i>Catostomus commersonii</i>)					
Muskellunge (<i>Esox masquinongy</i>)					
Tadpole Madtom (<i>Noturus gyrinus</i>)					
Mimic Shiner (<i>Paranotropis volucellus</i>)					
Rosyface Shiner (<i>Notropis rubellus</i>)					
Central Mudminnow (<i>Umbra limi</i>)					
Emerald Shiner (<i>Notropis atherinoides</i>)					
Mudpuppy (<i>Necturus maculosus</i>)					
Unknown sunfish					
Totals	2	0	15	14	31

SITE 19 Kilmarnock reach of Rideau River, 1.7 km east of Kilmarnock Island, sampled in 2000.

Species	Gear type and dates of sampling					Total
	Minnow trap A	Minnow trap B	Seine A	Seine B	Electrofisher	
	21 August	21 August	24 August	23 August	24 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)			191	42	2	235
Bluegill (<i>Lepomis macrochirus</i>)	1	4	395	147	12	559
Yellow Perch (<i>Perca flavescens</i>)			52	25		77
Common Shiner (<i>Luxilus cornutus</i>)						
Rock Bass (<i>Ambloplites rupestris</i>)			1			1
Black Crappie (<i>Pomoxis nigromaculatus</i>)						
Logperch (<i>Percina caprodes</i>)						
Banded Killifish (<i>Fundulus diaphanus</i>)				23	2	25
Golden Shiner (<i>Notemigonus crysoleucas</i>)			60	1		61
Largemouth Bass (<i>Micropterus nigricans</i>)	1		30	19	12	62
Bluntnose Minnow (<i>Pimephales notatus</i>)						
Smallmouth Bass (<i>Micropterus dolomieu</i>)						
Brook Silverside (<i>Labidesthes sicculus</i>)			210	52	2	264
Blacknose Shiner (<i>Notropis heterolepis</i>)			10	3		13
Spottail Shiner (<i>Hudsonius hudsonius</i>)						
Brown Bullhead (<i>Ameiurus nebulosus</i>)				1		1
Tessellated Darter (<i>Etheostoma olmstedii</i>)				1		1
Northern Pike (<i>Esox lucius</i>)						
Blackchin Shiner (<i>Miniellus heterodon</i>)						
Silver Redhorse (<i>Moxostoma anisurum</i>)						
Fallfish (<i>Semotilus corporalis</i>)						
Walleye (<i>Sander vitreus</i>)						
White Sucker (<i>Catostomus commersonii</i>)			3			3
Muskellunge (<i>Esox masquinongy</i>)						
Tadpole Madtom (<i>Noturus gyrinus</i>)						
Mimic Shiner (<i>Paranotropis volucellus</i>)						
Rosyface Shiner (<i>Notropis rubellus</i>)						
Central Mudminnow (<i>Umbra limi</i>)				1	1	2
Emerald Shiner (<i>Notropis atherinoides</i>)						
Mudpuppy (<i>Necturus maculosus</i>)						
Unknown sunfish			86	110		
Totals	2	4	1038	425	31	1500

SITE 20 Kilmarnock reach of Rideau River, in Kilmarnock, 500 m downstream of boat ramp, sampled 21 August.

Species	Gear type			Total
	Minnow trap	Seine A	Seine B	
Pumpkinseed (<i>Lepomis gibbosus</i>)		58	69	127
Bluegill (<i>Lepomis macrochirus</i>)	1	84	126	211
Yellow Perch (<i>Perca flavescens</i>)		26	40	66
Common Shiner (<i>Luxilus cornutus</i>)				
Rock Bass (<i>Ambloplites rupestris</i>)		3	1	4
Black Crappie (<i>Pomoxis nigromaculatus</i>)				
Logperch (<i>Percina caprodes</i>)				
Banded Killifish (<i>Fundulus diaphanus</i>)			3	3
Golden Shiner (<i>Notemigonus crysoleucas</i>)		3		3
Largemouth Bass (<i>Micropterus nigricans</i>)	1	8	4	13
Bluntnose Minnow (<i>Pimephales notatus</i>)			4	4
Smallmouth Bass (<i>Micropterus dolomieu</i>)				
Brook Silverside (<i>Labidesthes sicculus</i>)		196	6	202
Blacknose Shiner (<i>Notropis heterolepis</i>)				
Spottail Shiner (<i>Hudsonius hudsonius</i>)				
Brown Bullhead (<i>Ameiurus nebulosus</i>)				
Tessellated Darter (<i>Etheostoma olmstedii</i>)				
Northern Pike (<i>Esox lucius</i>)				
Blackchin Shiner (<i>Miniellus heterodon</i>)				
Silver Redhorse (<i>Moxostoma anisurum</i>)				
Fallfish (<i>Semotilus corporalis</i>)				
Walleye (<i>Sander vitreus</i>)				
White Sucker (<i>Catostomus commersonii</i>)				
Muskellunge (<i>Esox masquinongy</i>)				
Tadpole Madtom (<i>Noturus gyrinus</i>)				
Mimic Shiner (<i>Paranotropis volucellus</i>)				
Rosyface Shiner (<i>Notropis rubellus</i>)				
Central Mudminnow (<i>Umbra limi</i>)				
Emerald Shiner (<i>Notropis atherinoides</i>)				
Mudpuppy (<i>Necturus maculosus</i>)				
Unknown sunfish		3	31	34
Totals	2	381	284	667