

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 S2. Gear type and fishes collected at sites in the mainstem Rideau River, Ontario between Smiths Falls and Ottawa mid-July to mid-September 1998. A total of 6904 fishes from 30 fish species were captured (6394 individuals, excluding young-of-the-year centrarchids).

SITE 1 Former Ottawa City Hall.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	20 July	20 July	20 July	23 July	23 July	31 July	
Pumpkinseed (<i>Lepomis gibbosus</i>)		2	2				4
Bluegill (<i>Lepomis macrochirus</i>)							
Yellow Perch (<i>Perca flavescens</i>)							
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)	1		14	13	3	3	34
Black Crappie (<i>Pomoxis nigromaculatus</i>)							
Logperch (<i>Percina caprodes</i>)			4	23			27
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>)	12	1	1	2	7	4	27
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>)						5	5
Common Carp (<i>Cyprinus carpio</i>)							
Northern Pike (<i>Esox lucius</i>)			1				1
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>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	13	3	22	38	10	12	98

TABLE S2. Continued.
SITE 2 South of St. Patrick Street Bridge.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	20 July	20 July	20 July	22 July	22 July	31 July	
Pumpkinseed (<i>Lepomis gibbosus</i>)				11	1		12
Bluegill (<i>Lepomis macrochirus</i>)				3			3
Yellow Perch (<i>Perca flavescens</i>)					3		3
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)			4	135	10	15	164
Black Crappie (<i>Pomoxis nigromaculatus</i>)	1					2	3
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)				100	3	44	147
Golden Shiner (<i>Notemigonus crysoleucas</i>)				2	4		6
Largemouth Bass (<i>Micropterus nigricans</i>)							
Bluntnose Minnow (<i>Pimephales notatus</i>)							
Smallmouth Bass (<i>Micropterus dolomieu</i>)	9				2		11
Brook Silverside (<i>Labidesthes sicculus</i>)							
Blacknose Shiner (<i>Notropis heterolepis</i>)							
Spottail Shiner (<i>Hudsonius hudsonius</i>)				13	1		14
Brown Bullhead (<i>Ameiurus nebulosus</i>)				1		1	2
Tessellated Darter (<i>Etheostoma olmstedii</i>)						4	4
Common Carp (<i>Cyprinus carpio</i>)							
Northern Pike (<i>Esox lucius</i>)							
Greater Redhorse (<i>Moxostoma valenciennesi</i>)							
Blackchin Shiner (<i>Miniellus heterodon</i>)				9			9
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>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	10	0	4	274	24	66	378

TABLE S2. Continued.
SITE 3 West of Bank Street Bridge.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	27 July	27 July	27 July	30 July	30 July	20 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)		3					3
Bluegill (<i>Lepomis macrochirus</i>)					12		12
Yellow Perch (<i>Perca flavescens</i>)							
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)	2	17	2		4	7	32
Black Crappie (<i>Pomoxis nigromaculatus</i>)				4			4
Logperch (<i>Percina caprodes</i>)						2	2
Banded Killifish (<i>Fundulus diaphanus</i>)					20		20
Golden Shiner (<i>Notemigonus crysoleucas</i>)					22		22
Largemouth Bass (<i>Micropterus nigricans</i>)							
Bluntnose Minnow (<i>Pimephales notatus</i>)							
Smallmouth Bass (<i>Micropterus dolomieu</i>)	5	2	2			2	11
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>)							
Common Carp (<i>Cyprinus carpio</i>)	8						8
Northern Pike (<i>Esox lucius</i>)	1						1
Greater Redhorse (<i>Moxostoma valenciennesi</i>)							
Blackchin Shiner (<i>Miniellus heterodon</i>)							
Silver Redhorse (<i>Moxostoma anisurum</i>)	1						1
Fallfish (<i>Semotilus corporalis</i>)							
Walleye (<i>Sander vitreus</i>)							
White Sucker (<i>Catostomus commersonii</i>)							
Muskellunge (<i>Esox masquinongy</i>)							
Mottled Sculpin (<i>Cottus bairdii</i>)						1	1
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)	1						1
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish					5		5
Totals	18	22	4	4	63	12	123

TABLE S2. Continued.
SITE 4 West of Bronson Street Bridge.

Species	Gear type and dates of sampling							Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Seine C	Electro-fisher	
	28 July	28 July	27 July	29 July	29 July	29 July	31 July	
Pumpkinseed (<i>Lepomis gibbosus</i>)			8	12	8			28
Bluegill (<i>Lepomis macrochirus</i>)				11				11
Yellow Perch (<i>Perca flavescens</i>)					12		1	13
Common Shiner (<i>Luxilus cornutus</i>)						1		1
Rock Bass (<i>Ambloplites rupestris</i>)		4	8	3	13		4	32
Black Crappie (<i>Pomoxis nigromaculatus</i>)	1			13	2			16
Logperch (<i>Percina caprodes</i>)								
Banded Killifish (<i>Fundulus diaphanus</i>)					22			22
Golden Shiner (<i>Notemigonus crysoleucas</i>)						1		1
Largemouth Bass (<i>Micropterus nigricans</i>)				1				1
Bluntnose Minnow (<i>Pimephales notatus</i>)								
Smallmouth Bass (<i>Micropterus dolomieu</i>)	2	1	1	2			4	10
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>)								
Common Carp (<i>Cyprinus carpio</i>)								
Northern Pike (<i>Esox lucius</i>)	2							2
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>)							1	1
Mottled Sculpin (<i>Cottus bairdii</i>)								
Tadpole Madtom (<i>Noturus gyrinus</i>)								
Freshwater Drum (<i>Aplodinotus grunniens</i>)								
Emerald Shiner (<i>Notropis atherinoides</i>)								
Unknown sunfish								
Totals	5	5	17	42	57	2	10	138

TABLE S2. Continued.
SITE 5 Downstream of Black Rapids.

Species	Gear type and dates of sampling							Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Seine C	Electro- fisher	
	5 August	5 August	5 August	3 August	3 August	3 August	21 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)			2	9	2	1		14
Bluegill (<i>Lepomis macrochirus</i>)	1						2	3
Yellow Perch (<i>Perca flavescens</i>)				81	10	89		180
Common Shiner (<i>Luxilus cornutus</i>)								
Rock Bass (<i>Ambloplites rupestris</i>)		2	2	31	25	75	6	141
Black Crappie (<i>Pomoxis nigromaculatus</i>)				6	4	26		36
Logperch (<i>Percina caprodes</i>)				49	2	8	3	62
Banded Killifish (<i>Fundulus diaphanus</i>)								
Golden Shiner (<i>Notemigonus crysoleucas</i>)				2				2
Largemouth Bass (<i>Micropterus nigricans</i>)								
Bluntnose Minnow (<i>Pimephales notatus</i>)								
Smallmouth Bass (<i>Micropterus dolomieu</i>)	7	2	2	1		2		14
Brook Silverside (<i>Labidesthes sicculus</i>)					3			3
Blacknose Shiner (<i>Notropis heterolepis</i>)								
Spottail Shiner (<i>Hudsonius hudsonius</i>)				8		24		32
Brown Bullhead (<i>Ameiurus nebulosus</i>)								
Tessellated Darter (<i>Etheostoma olmstedii</i>)							4	4
Common Carp (<i>Cyprinus carpio</i>)								
Northern Pike (<i>Esox lucius</i>)	1							1
Greater Redhorse (<i>Moxostoma valenciennesi</i>)								
Blackchin Shiner (<i>Miniellus heterodon</i>)								
Silver Redhorse (<i>Moxostoma anisurum</i>)	1							1
Fallfish (<i>Semotilus corporalis</i>)				1				1
Walleye (<i>Sander vitreus</i>)						1		1
White Sucker (<i>Catostomus commersonii</i>)			1					1
Muskellunge (<i>Esox masquinongy</i>)								
Mottled Sculpin (<i>Cottus bairdii</i>)								
Tadpole Madtom (<i>Noturus gyrinus</i>)								
Freshwater Drum (<i>Aplodinotus grunniens</i>)								
Emerald Shiner (<i>Notropis atherinoides</i>)								
Unknown sunfish				204	214	37		455
Totals	10	4	7	392	260	263	15	951

TABLE S2. Continued.
SITE 6 Rideau Glen, upstream of N44.

Species	Gear type and dates of sampling							Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Seine C	Electro-fisher	
	5 August	5 August	5 August	7 August	7 August	7 August	21 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)		2	1					3
Bluegill (<i>Lepomis macrochirus</i>)							4	4
Yellow Perch (<i>Perca flavescens</i>)	3			51	177	48	1	280
Common Shiner (<i>Luxilus cornutus</i>)				413	222	1		636
Rock Bass (<i>Ambloplites rupestris</i>)		1	2	9	24	26		62
Black Crappie (<i>Pomoxis nigromaculatus</i>)	3	1	1	9	51	36		101
Logperch (<i>Percina caprodes</i>)				30	31	90	7	158
Banded Killifish (<i>Fundulus diaphanus</i>)								
Golden Shiner (<i>Notemigonus crysoleucas</i>)					1			1
Largemouth Bass (<i>Micropterus nigricans</i>)	1			1	1			3
Bluntnose Minnow (<i>Pimephales notatus</i>)								
Smallmouth Bass (<i>Micropterus dolomieu</i>)	8	6			2	3	3	22
Brook Silverside (<i>Labidesthes sicculus</i>)				1				1
Blacknose Shiner (<i>Notropis heterolepis</i>)								
Spottail Shiner (<i>Hudsonius hudsonius</i>)				12	6	6		24
Brown Bullhead (<i>Ameiurus nebulosus</i>)							1	1
Tessellated Darter (<i>Etheostoma olmstedii</i>)						4	3	7
Common Carp (<i>Cyprinus carpio</i>)	6						1	7
Northern Pike (<i>Esox lucius</i>)	1				1			2
Greater Redhorse (<i>Moxostoma valenciennesi</i>)	1					2		3
Blackchin Shiner (<i>Miniellus heterodon</i>)					1			1
Silver Redhorse (<i>Moxostoma anisurum</i>)	5						1	6
Fallfish (<i>Semotilus corporalis</i>)				4				4
Walleye (<i>Sander vitreus</i>)				1				1
White Sucker (<i>Catostomus commersonii</i>)								
Muskellunge (<i>Esox masquinongy</i>)								
Mottled Sculpin (<i>Cottus bairdii</i>)								
Tadpole Madtom (<i>Noturus gyrinus</i>)								
Freshwater Drum (<i>Aplodinotus grunniens</i>)								
Emerald Shiner (<i>Notropis atherinoides</i>)					1			1
Unknown sunfish				48				48
Totals	28	10	4	579	518	216	21	1376

TABLE S2. Continued.
SITE 7 Across from Rideau River Provincial Park.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	10 August	13 August	13 August	14 August	14 August	27 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)	11	6	4	210	88	1	320
Bluegill (<i>Lepomis macrochirus</i>)	23		2	20	79	11	135
Yellow Perch (<i>Perca flavescens</i>)	2	1		32	84	2	121
Common Shiner (<i>Luxilus cornutus</i>)				80			80
Rock Bass (<i>Ambloplites rupestris</i>)				12	2	1	15
Black Crappie (<i>Pomoxis nigromaculatus</i>)	5		2	24	3		34
Logperch (<i>Percina caprodes</i>)				10			10
Banded Killifish (<i>Fundulus diaphanus</i>)				12		5	17
Golden Shiner (<i>Notemigonus crysoleucas</i>)							
Largemouth Bass (<i>Micropterus nigricans</i>)	2		3	20	17	1	43
Bluntnose Minnow (<i>Pimephales notatus</i>)				8	5	1	14
Smallmouth Bass (<i>Micropterus dolomieu</i>)	1			12	10		23
Brook Silverside (<i>Labidesthes sicculus</i>)				26	65		91
Blacknose Shiner (<i>Notropis heterolepis</i>)				9	1		10
Spottail Shiner (<i>Hudsonius hudsonius</i>)			1	6			7
Brown Bullhead (<i>Ameiurus nebulosus</i>)	3			1		2	6
Tessellated Darter (<i>Etheostoma olmstedti</i>)				2	2	10	14
Common Carp (<i>Cyprinus carpio</i>)	2			1			3
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>)			1				1
White Sucker (<i>Catostomus commersonii</i>)							
Muskellunge (<i>Esox masquinongy</i>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	49	7	13	485	356	34	944

TABLE S2. Continued.
SITE 8 N207, downstream from the Catchall.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	13 August	13 August	13 August	13 August	13 August	27 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)	11	10	7		44	7	79
Bluegill (<i>Lepomis macrochirus</i>)	71	11	1		5	2	90
Yellow Perch (<i>Perca flavescens</i>)	4	3		35	18		60
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)			1		10	1	12
Black Crappie (<i>Pomoxis nigromaculatus</i>)	10	2		4	18		34
Logperch (<i>Percina caprodes</i>)					2		2
Banded Killifish (<i>Fundulus diaphanus</i>)					3		3
Golden Shiner (<i>Notemigonus crysoleucas</i>)				12	2	3	17
Largemouth Bass (<i>Micropterus nigricans</i>)	3	7	1	1	6	3	21
Bluntnose Minnow (<i>Pimephales notatus</i>)				6	2	2	10
Smallmouth Bass (<i>Micropterus dolomieu</i>)							
Brook Silverside (<i>Labidesthes sicculus</i>)					7		7
Blacknose Shiner (<i>Notropis heterolepis</i>)					2		2
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)	13	4			1		18
Tessellated Darter (<i>Etheostoma olmstedii</i>)				1	4		5
Common Carp (<i>Cyprinus carpio</i>)	1						1
Northern Pike (<i>Esox lucius</i>)	2						2
Greater Redhorse (<i>Moxostoma valenciennesi</i>)							
Blackchin Shiner (<i>Miniellus heterodon</i>)							
Silver Redhorse (<i>Moxostoma anisurum</i>)							
Fallfish (<i>Semotilus corporalis</i>)						1	1
Walleye (<i>Sander vitreus</i>)							
White Sucker (<i>Catostomus commersonii</i>)							
Muskellunge (<i>Esox masquinongy</i>)	1						1
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish					2		2
Totals	116	37	10	59	126	19	367

TABLE S2. Continued.
SITE 9 N337, upstream from bird sanctuary.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	19 August	17 August	19 August	24 August	24 August	24 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)	2	33	4	10	19	1	69
Bluegill (<i>Lepomis macrochirus</i>)	7	49	14	18	12	1	101
Yellow Perch (<i>Perca flavescens</i>)		1		2	3		6
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)				1	2	7	10
Black Crappie (<i>Pomoxis nigromaculatus</i>)	4	1		1			6
Logperch (<i>Percina caprodes</i>)		4					4
Banded Killifish (<i>Fundulus diaphanus</i>)				8	10	24	42
Golden Shiner (<i>Notemigonus crysoleucas</i>)				2			2
Largemouth Bass (<i>Micropterus nigricans</i>)			7		1	6	14
Bluntnose Minnow (<i>Pimephales notatus</i>)					6	1	7
Smallmouth Bass (<i>Micropterus dolomieu</i>)							
Brook Silverside (<i>Labidesthes sicculus</i>)							
Blacknose Shiner (<i>Notropis heterolepis</i>)				8			8
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)	1	24	2				27
Tessellated Darter (<i>Etheostoma olmstedii</i>)						1	1
Common Carp (<i>Cyprinus carpio</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>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	14	112	27	50	53	41	297

TABLE S2. Continued.
SITE 10 N320, bird sanctuary.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	19 August	19 August	19 August	24 Sept- ember	24 Sept- ember	24 Sept- ember	
Pumpkinseed (<i>Lepomis gibbosus</i>)	4	6	9	6	74	8	107
Bluegill (<i>Lepomis macrochirus</i>)	2	14	1	6	58	7	88
Yellow Perch (<i>Perca flavescens</i>)	1		9		55		65
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)			1			1	2
Black Crappie (<i>Pomoxis nigromaculatus</i>)					1		1
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)				7	4	1	12
Golden Shiner (<i>Notemigonus crysoleucas</i>)							
Largemouth Bass (<i>Micropterus nigricans</i>)		2		1	8	5	16
Bluntnose Minnow (<i>Pimephales notatus</i>)							
Smallmouth Bass (<i>Micropterus dolomieu</i>)							
Brook Silverside (<i>Labidesthes sicculus</i>)					5		5
Blacknose Shiner (<i>Notropis heterolepis</i>)					3		3
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)		2	1	1			4
Tessellated Darter (<i>Etheostoma olmstedii</i>)					1		1
Common Carp (<i>Cyprinus carpio</i>)							
Northern Pike (<i>Esox lucius</i>)	3						3
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>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	10	24	21	21	209	22	307

TABLE S2. *Continued.*
 SITE 11 N183, upstream of Libby Island.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	27 August	27 August	27 August	10 Sep-tember	10 Sep-tember	28 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)		17	27	26	40	12	122
Bluegill (<i>Lepomis macrochirus</i>)	3	8	1	39	15	5	71
Yellow Perch (<i>Perca flavescens</i>)	1		2		9		12
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)			1	3	1	1	6
Black Crappie (<i>Pomoxis nigromaculatus</i>)	5		4		2	1	12
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)				8	1		9
Golden Shiner (<i>Notemigonus crysoleucas</i>)			2	5	6		13
Largemouth Bass (<i>Micropterus nigricans</i>)	3	3	3		10	3	22
Bluntnose Minnow (<i>Pimephales notatus</i>)			5	7	3	4	19
Smallmouth Bass (<i>Micropterus dolomieu</i>)				8	3		11
Brook Silverside (<i>Labidesthes sicculus</i>)					9		9
Blacknose Shiner (<i>Notropis heterolepis</i>)				20	3	1	24
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)		11					11
Tessellated Darter (<i>Etheostoma olmstedii</i>)						3	3
Common Carp (<i>Cyprinus carpio</i>)						1	1
Northern Pike (<i>Esox lucius</i>)	3	1	1				5
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>)						1	1
Muskellunge (<i>Esox masquinongy</i>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	15	40	46	116	102	32	351

TABLE S2. Continued.
SITE 12 N211, upstream from the Catchall.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	8 Sep-tember	3 Sep-tember	9 Sep-tember	14 Sep-tember	14 Sep-tember	28 August	
Pumpkinseed (<i>Lepomis gibbosus</i>)		5	22	113	17	3	160
Bluegill (<i>Lepomis macrochirus</i>)	3	2	3	7	2		17
Yellow Perch (<i>Perca flavescens</i>)		1	4	2	9		16
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)			1	4	13	4	22
Black Crappie (<i>Pomoxis nigromaculatus</i>)			18	18	6		42
Logperch (<i>Percina caprodes</i>)							
Banded Killifish (<i>Fundulus diaphanus</i>)				5	1	1	7
Golden Shiner (<i>Notemigonus crysoleucas</i>)				134	37		171
Largemouth Bass (<i>Micropterus nigricans</i>)	2		2	7	2		13
Bluntnose Minnow (<i>Pimephales notatus</i>)				87	7		94
Smallmouth Bass (<i>Micropterus dolomieu</i>)	4		2	2			8
Brook Silverside (<i>Labidesthes sicculus</i>)							
Blacknose Shiner (<i>Notropis heterolepis</i>)				40	17		57
Spottail Shiner (<i>Hudsonius hudsonius</i>)				4	1		5
Brown Bullhead (<i>Ameiurus nebulosus</i>)	3		1	1		1	6
Tessellated Darter (<i>Etheostoma olmstedii</i>)			1		1	7	9
Common Carp (<i>Cyprinus carpio</i>)	1						1
Northern Pike (<i>Esox lucius</i>)				3			3
Greater Redhorse (<i>Moxostoma valenciennesi</i>)	3						3
Blackchin Shiner (<i>Miniellus heterodon</i>)							
Silver Redhorse (<i>Moxostoma anisurum</i>)							
Fallfish (<i>Semotilus corporalis</i>)					1		1
Walleye (<i>Sander vitreus</i>)	1						1
White Sucker (<i>Catostomus commersonii</i>)		1					1
Muskellunge (<i>Esox masquinongy</i>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)						1	1
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	17	9	54	427	114	17	638

TABLE S2. Continued.
SITE 13 Upstream of N250.

Species	Gear type and dates of sampling						Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Electro-fisher	
	1 Sep-tember	1 Sep-tember	1 Sep-tember	15 Septem-ber	15 Sep-tember	4 Sep-tember	
Pumpkinseed (<i>Lepomis gibbosus</i>)		5	3	56	37	2	103
Bluegill (<i>Lepomis macrochirus</i>)	2	21	6	59	75	3	166
Yellow Perch (<i>Perca flavescens</i>)				36	11		47
Common Shiner (<i>Luxilus cornutus</i>)							
Rock Bass (<i>Ambloplites rupestris</i>)				1	5	2	8
Black Crappie (<i>Pomoxis nigromaculatus</i>)	2	1	1		21		25
Logperch (<i>Percina caprodes</i>)				31		2	33
Banded Killifish (<i>Fundulus diaphanus</i>)				2	1		3
Golden Shiner (<i>Notemigonus crysoleucas</i>)							
Largemouth Bass (<i>Micropterus nigricans</i>)	2	5		7	2	2	18
Bluntnose Minnow (<i>Pimephales notatus</i>)				15		1	16
Smallmouth Bass (<i>Micropterus dolomieu</i>)				1			1
Brook Silverside (<i>Labidesthes sicculus</i>)				18			18
Blacknose Shiner (<i>Notropis heterolepis</i>)				1			1
Spottail Shiner (<i>Hudsonius hudsonius</i>)							
Brown Bullhead (<i>Ameiurus nebulosus</i>)		1					1
Tessellated Darter (<i>Etheostoma olmstedii</i>)							
Common Carp (<i>Cyprinus carpio</i>)	2						2
Northern Pike (<i>Esox lucius</i>)	1						1
Greater Redhorse (<i>Moxostoma valenciennesi</i>)	2			3			5
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>)							
Mottled Sculpin (<i>Cottus bairdii</i>)							
Tadpole Madtom (<i>Noturus gyrinus</i>)							
Freshwater Drum (<i>Aplodinotus grunniens</i>)							
Emerald Shiner (<i>Notropis atherinoides</i>)							
Unknown sunfish							
Totals	11	33	10	230	152	12	448

TABLE S2. Continued.
SITE 14 N253, upstream from Rideau Creek confluence.

Species	Gear type and dates of sampling								Total
	Trap net	Hoop net	Minnow trap	Seine A	Seine B	Seine C	Seine D	Electro-fisher	
	8 Sep- tember	8 Sep- tember	8 Sep- tember	1 Sep- tember	1 Sep- tember	17 Sep- tember	17 Sep- tember	31 July	
Pumpkinseed (<i>Lepomis gibbosus</i>)	1		1	25	12	30	55	1	125
Bluegill (<i>Lepomis macrochirus</i>)	5			17	79	76	73	1	251
Yellow Perch (<i>Perca flavescens</i>)				4	6	9	18		37
Common Shiner (<i>Luxilus cornutus</i>)									
Rock Bass (<i>Ambloplites rupestris</i>)				6	3	1	3		13
Black Crappie (<i>Pomoxis nigromaculatus</i>)	4		2	9	4	3	3		25
Logperch (<i>Percina caprodes</i>)				1		1	2	1	5
Banded Killifish (<i>Fundulus diaphanus</i>)				1					1
Golden Shiner (<i>Notemigonus crysoleucas</i>)				4	5				9
Largemouth Bass (<i>Micropterus nigricans</i>)				2	3	3		2	10
Bluntnose Minnow (<i>Pimephales notatus</i>)				1	1				2
Smallmouth Bass (<i>Micropterus dolomieu</i>)	2							1	3
Brook Silverside (<i>Labidesthes sicculus</i>)									
Blacknose Shiner (<i>Notropis heterolepis</i>)				1					1
Spottail Shiner (<i>Hudsonius hudsonius</i>)									
Brown Bullhead (<i>Ameiurus nebulosus</i>)									
Tessellated Darter (<i>Etheostoma olmstedii</i>)								1	1
Common Carp (<i>Cyprinus carpio</i>)	3								3
Northern Pike (<i>Esox lucius</i>)						1			1
Greater Redhorse (<i>Moxostoma valenciennesi</i>)									
Blackchin Shiner (<i>Miniellus heterodon</i>)									
Silver Redhorse (<i>Moxostoma anisurum</i>)	1								1
Fallfish (<i>Semotilus corporalis</i>)									
Walleye (<i>Sander vitreus</i>)									
White Sucker (<i>Catostomus commersonii</i>)									
Muskellunge (<i>Esox masquinongy</i>)									
Mottled Sculpin (<i>Cottus bairdii</i>)									
Tadpole Madtom (<i>Noturus gyrinus</i>)									
Freshwater Drum (<i>Aplodinotus grunniens</i>)									
Emerald Shiner (<i>Notropis atherinoides</i>)									
Unknown sunfish									
Totals	16	0	3	71	113	124	154	7	488