

Index

- I. Phylogenetic listing of species
- II. Chronological description by trip
- III. Species by State
- IV. Photographs

I. phylogenetic listing of species

Example : <u>66</u> Species Total

1.	Order: Perciformes Family: Percidae <u>Etheostoma euzonum euzonum</u> Arkansas Saddled Darter	Location: Current River
2.	Order: Perciformes Family: Percidae <u>Etheostoma zonale</u> Banded Darter	Location: Current River
3.	Order: Scorpaeniformes Family: Cottidae <u>Cottus carolinae</u> Banded Sculpin	Location: White River
4.	Order: Cyprinodontiformes Family: Fundulidae <u>Fundulus olivaceus</u> Blackspotted Topminnow	Location: James River
5.	Order: Perciformes Family: Centrarchidae <u>Lepomis macrochirus</u> Bluegill	Location: Center Creek James River
6.	Order: Perciformes Family: Centrarchidae <u>Lepomis macrochirus</u> Bluegill Hybrid	Location: White River
7.	Order: Cypriniformes Family: Cyprinidae <u>Pimephales notatus</u> Bluntnose Minnow	Location: Center Creek

8.	Order: Atheriniformes Family: Atherinidae <u>Labidesthes sicculus</u> Brook Silverside	Location: James River
9.	Order: Cypriniformes Family: Cyprinidae <u>Luxilus cardinalis</u> Cardinal Shiner	Location: Center Creek
10.	Order: Cypriniformes Family: Cyprinidae <u>Campostoma anomalum</u> Central Stoneroller	Location: Center Creek
11.	Order: Esociformes Family: Esocidae <u>Esox niger</u> Chain Pickerel	Location: Current River
12.	Order: Cypriniformes Family: Cyprinidae <u>Semotilus atromaculatus</u> Creek Chub	Location: Center Creek
13.	Order: Cypriniformes Family: Cyprinidae <u>Luxilus cardinalis</u> Duskystripe Shiner	Location: James River White River
14.	Order: Perciformes Family: Centrarchidae <u>Lepomis cyanellus</u> Green Sunfish	Location: Current River
15.	Order: Perciformes Family: Percidae <u>Etheostoma blenniodes</u> Greensided Darter	Location: Current River

16.	Order: Cypriniformes Family: Cyprinidae <u><i>Nocomis biguttatus</i></u> Hornyhead Chub	Location: White River
17.	Order: Perciformes Family: Percidae <u><i>Etheostoma nigrum</i></u> Johnny Darter	Location: Center Creek
18.	Order: Perciformes Family: Centrarchidae <u><i>Micropterus salmoides</i></u> Largemouth Bass	Location: Center Creek
19.	Order: Cypriniformes Family: Cyprinidae <u><i>Campostoma oligolepis</i></u> Largescale Stoneroller	Location: White River
20.	Order: Perciformes Family: Percidae <u><i>Percina caprodes</i></u> Logperch	Location: Beaver Creek
21.	Order: Perciformes Family: Centrarchidae <u><i>Lepomis megalotis</i></u> Longear Sunfish	Location: Center Creek James River
22.	Order: Siluriformes Family: Ictaluridae <u><i>Noturus eleutherus</i></u> Mountain Madtom	Location: Current River
23.	Order: Cypriniformes Family: Catostomidae <u><i>Hepentelium nigricans</i></u> Northern Hogsucker	Location: Center Creek White River James River

24.	Order: Atheriniformes Family: Killifishes <u><i>Fundulus catenatus</i></u> Northern Studfish	Location: James River
25.	Order: Perciformes Family: Percidae <u><i>Etheostoma spectabile</i></u> Orangethroat Darter	Location: Center Creek
26.	Order: Perciformes Family: Centrarchidae <u><i>Ambloplites constellatus</i></u> Ozark Bass	Location: James River
27.	Order: Cyprinidae Family: Cypriniformes <u><i>Luxilus zonatus</i></u> Ozark Bleeding Shiner	Location: Current River
28.	Order: Siluriformes Family: ctaluridae <u><i>Noturus albater</i></u> Ozark Madtom	Location: James River
29.	Order: Cypriniformes Family: Cyprinidae <u><i>Notropis nubilus</i></u> Ozark Minnow	Location: Center Creek White River Current River
30.	Order: Scorpaeniformes Family: Cottidae <u><i>Cottus hypselurus</i></u> Ozark Sculpin	Location: White River
31.	Order: Perciformes Family: Percidae <u><i>Etheostoma caeruleum</i></u> Rainbow Darter	Location: James River White River

32.	Order: Cypriniformes Family: Cyprinidae <u><i>Nocomis asper</i></u> Redspot Chub	Location: Center Creek James River
33.	Order: Perciformes Family: Centrarchidae <u><i>Ambloplites rupestris</i></u> Rockbass	Location: Center Creek
34.	Order: Cypriniformes Family: Cyprinidae <u><i>Notropis rubellus</i></u> Rosyface Shiner	Location: Center Creek Beaver Creek
35.	Order: Siluriformes Family: Ictaluridae <u><i>Noturus exilis</i></u> Slender Madtom	Location: Center Creek
36.	Order: Cypriniformes Family: Cyprinidae <u><i>Chrosomus eos</i></u> Southern Redbelly Dace	Location: Center Creek
37.	Order: Perciformes Family: Centrarchidae <u><i>Micropterus punctulatus</i></u> Spotted Bass	Location: James River
38.	Order: Cypriniformes Family: Cyprinidae <u><i>Erimystax dissimilis</i></u> Streamline Chub	Location: James River
39.	Order: Cyprinodontiformes Family: Poeciliidae <u><i>Gambusia affinis</i></u> Western Mosquitofish	Location: Current River

40.	Order: Cypriniformes Family: Cyprinidae <u><i>Cyprinella galactura</i></u> Whitetail Shiner	Location: Beaver Creek
41.	Order: Salmoniformes Family: Salmonidae <u><i>Oncorhynchus clarkii</i></u> Cutthroat trout	Location: White River pic
42.	Order: Salmoniformes Family: Salmonidae <u><i>Oncorhynchus mykiss</i></u> Rainbow Trout	Location: White River pic
43.	Order: Salmoniformes Family: Salmonidae <u><i>Salmo trutta</i></u> Brown Trout	Location: White River pic
44.	Order: Moronidae Family: Moronidae <u><i>Morone chrysops</i> x <i>Morone saxatilis</i></u> Hybrid Striped Bass	Location: White River pic
45.	Order: Perciformes Family: Centrarchidae <u><i>Micropterus dolomieu</i></u> Smallmouth Bass	Location: White River pic
46.	Order: Perciformes Family: Moronidae <u><i>Morone saxatilis</i></u> Striped Bass	Location: White River pic

47.	Order: Perciformes Family: Centrarchidae <u>Lepomis gulosus</u> Warmouth	Location: Lake Crawford West trail entrance
48.	Order: Cyprinodontiformes Family: Poeciliidae <u>Gambusia affinis</u> Mosquito Fish	Location: Lake Crawford West trail entrance
49.	Order: Perciformes Family: Centrarchidae <u>Lepomis macrochirus</u> x <u>Lepomis cyanellus</u> Hybrid Bluegill + Green Sunfish	Location: Lake Crawford Dam
50.	Order: Perciformes Family: Percidae <u>Etheostoma flabellare</u> Fantail Darter	Location: Lake Crawford Dam
51.	Order: Perciformes Family: Centrarchidae <u>Lepomis humilis</u> Orangespotted Sunfish	Location: Lake Crawford Dam
52.	Order: Cypriniformes Family: Cyprinidae <u>Phenacobius mirabilis</u> Suckermouth Minnow	Location: Lake Crawford Bridge
53.	Order: Cypriniformes Family: Cyprinidae <u>Lythrurus umbratilis</u> Redfin Shiner	Location: Lake Crawford Bridge
54.	Order: Cypriniformes Family: Cyprinidae <u>Cyprinella lutrensis</u> Red Shiner	Location: Lake Crawford Bridge

55.	Order: Cypriniformes Family: Cyprinidae <u><i>Cyprinella camura</i></u> Blunface Shiner	Location: Lake Crawford Bridge
56.	Order: Cypriniformes Family: Cyprinidae Notropis camura Blunface Minnow	Location: Lake Crawford Bridge
57.	Order: Siluriformes Family: Ictaluridae <u><i>Noturus flavus</i></u> Stonecat Madtom	Location: Lake Crawford Bridge
58.	Order: Cypriniformes Family: Cyprinidae <u><i>Pimephales vigilax</i></u> Bullhead Minnow	Location: Lake Crawford Bridge
59.	Order: Cypriniformes Family: Cyprinidae <u><i>Pimephales notatus</i></u> Bluntnose Minnow	Location: Lake Crawford Bridge
60.	Order: Cypriniformes Family: Cyprinidae <u><i>Cyprinella lutrensis</i></u> Red Shiner	Location: Lake Crawford Bridge
61.	Order: Cypriniformes Family: Cyprinidae <u><i>Pimephales promelas</i></u> Fathead Minnow	Location: Lake Crawford Bridge
62.	Order: Cypriniformes Family: Cyprinidae <u><i>Cyprinella spiloptera</i></u> Spot fin shiner	Location : Shoal Creek

63.	Order: Cypriniformes Family: Cyprinidae <u><i>Notropis percobromus</i></u> Carmine shiner	Location : Shoal Creek
64.	Order: Cypriniformes Family: Cyprinidae <u><i>Cyprinus carpio</i></u> Common carp	Location : Shoal Creek
65.	Order: Lepisosteiformes Family: Lepisosteidae <u><i>Lepisosteus osseus</i></u> Long nose Gar	Location : Spring River
66.	Order: Cyprinodontiformes Family: Fundulidae <u><i>Fundulus notatus</i></u> Black Stripe Topminnow	Location : Spring River

II. chronological description by trip

Example : 16

Date: 4/ 28/ 2012

Place: Stone County , Mo

Location: Center Creek

GPS:37.07175 N 94.11017W

	Common Name	Scientific name	Number of specimens
1.	Bluegill	<u>Lepomis macrochirus</u>	9
2.	Bluntnose Minnow	<u>Pimephales notatus</u>	1
3.	Cardinal Shiner	<u>Luxilus cardinalis</u>	25
4.	Central Stoneroller	<u>Campostoma anomalum</u>	4
5.	Creek Chub	<u>Semotilus atromaculatus</u>	2
6.	Johnny Darter	<u>Etheostoma nigrum</u>	1
7.	Largemouth Bass	<u>Micropterus salmoides</u>	1
8.	Longear Sunfish	<u>Lepomis megalotis</u>	1
9.	Northern Hogsucker	<u>Hepentelium nigricans</u>	2
10.	Orangethroat Darter	<u>Etheostoma spectabile</u>	9
11.	Ozark Minnow	<u>Notropis nubilus</u>	2
12.	Redspot Chub	<u>Nocomis asper</u>	3
13.	Rockbass	<u>Ambloplites rupestris</u>	4
14.	Rosyface Shiner	<u>Notropis rubellus</u>	5
15.	Slender Madtom	<u>Noturus exilis</u>	4
16.	Southern Redbelly Dace	<u>Chrosomus eos</u>	5

II. chronological description by trip

Example : 15

Date: 4/28/2012

Place: Stone County, Mo

Location: James River

GPS: 36.80718N 93.46285W

	Common Name	Scientific name	Number of specimens
1.	Blackspotted Topminnow	<u>Fundulus olivaceus</u>	6
2.	Bluegill	<u>Lepomis macrochirus</u>	1
3.	Brook Silverside	<u>Labidesthes sicculus</u>	2
4.	Duskystripe Shiner	<u>Luxilus cardinalis</u>	6
5.	Logperch	<u>Percina caprodes</u>	7
6.	Longear Sunfish	<u>Lepomis megalotis</u>	2
7.	Northern Hogsucker	<u>Hepentelium nigricans</u>	3
8.	Northern Studfish	<u>Fundulus catenatus</u>	6
9.	Orangethroat Darter	<u>Etheostoma spectabile</u>	6
10.	Ozark Bass	<u>Ambloplites constellatus</u>	2
11.	Ozark Madtom	<u>Noturus albater</u>	2
12.	Rainbow Darter	<u>Etheostoma caeruleum</u>	2
13.	Redspot Chub	<u>Nocomis asper</u>	1
14.	Spotted Bass	<u>Micropterus punctulatus</u>	4
15.	Streamline Chub	<u>Erimystax dissimilis</u>	2

II. chronological description by trip

Example : 3

Date: 4/28/2012

Place: Taney County , Mo

Location: Beaver Creek

GPS: 36.67317N 93.02095W

	Common Name	Scientific name	Number of specimens
1.	Logperch	<u>Percina caprodes</u>	5
2.	Rosyface Shiner	<u>Notropis rubellus</u>	3
3.	Whitetail Shiner	<u>Cyprinella galactura</u>	1

II. chronological description by trip

Example : 15

Date: 4/29/2012

Place: Ozark County , Mo

Location: White River

GPS: 36.67315N 92.21967W

	Common Name	Scientific name	Number of specimens
1.	Banded Sculpin	<u>Cottus carolinae</u>	5
2.	Bluegill Hybrid	<u>Lepomis macrochirus</u>	1
3.	Duskystripe Shiner	<u>Luxilus cardinalis</u>	7
4.	Hornyhead Chub	<u>Nocomis biguttatus</u>	12
5.	Largescale Stoneroller	<u>Campostoma oligolepis</u>	9
6.	Northern Hogsucker	<u>Hepentelium nigricans</u>	1
7.	Ozark Minnow	<u>Notropis nubilus</u>	4
8.	Ozark Sculpin	<u>Cottus hypselurus</u>	8
9.	Rainbow Darter	<u>Etheostoma caeruleum</u>	26
10.	Cutthroat trout	<u>Oncorhynchus clarkii</u>	pic
11.	Rainbow Trout	<u>Oncorhynchus mykiss</u>	pic
12.	Brown Trout	<u>Salmo trutta</u>	pic
13.	Hybrid Striped Bass	<u>Morone chrysops</u> x <u>Morone saxatilis</u>	pic
14.	Smallmouth Bass	<u>Micropterus dolomieu</u>	pic
15.	Striped Bass	<u>Morone saxatilis</u>	pic

II. chronological description by trip

Example : 11

Date: 4/29/2012

Place: Carter County, Mo

Location: Current River

GPS: 36.99173N 91.014004W

	Common Name	Scientific name	Number of specimens
1.	Arkansas Saddled Darter	<u>Etheostoma euzonum euzonum</u>	1
2.	Banded Darter	<u>Etheostoma zonale</u>	4
3.	Chain Pickerel	<u>Esox niger</u>	1
4.	Green Sunfish	<u>Lepomis cyanellus</u>	1
5.	Greensided Darter	<u>Etheostoma blenniodes</u>	2
6.	Longear Sunfish	<u>Lepomis megalotis</u>	1
7.	Mountain Madtom	<u>Noturus eleutherus</u>	1
8.	Ozark Bleeding Shiner	<u>Luxilus zonatus</u>	7
9.	Ozark Minnow	<u>Notropis nubilus</u>	9
10.	Rainbow Darter	<u>Etheostoma caeruleum</u>	1
11.	Western Mosquitofish	<u>Gambusia affinis</u>	1

II. chronological description by trip

Example : 5

Date: 4/26/2014

Place: Crawford County, KS

Location: Lake Crawford (West trail entrance)

GPS: N 37.638943, W -94.812560

	Common Name	Scientific name
1.	Bluegill	<u><i>Lepomis macrochirus</i></u>
2.	Warmouth	<u><i>Lepomis gulosus</i></u>
3.	Mosquito Fish	<u><i>Gambusia affinis</i></u>
4.	Longear Sunfish	<u><i>Lepomis megalotis</i></u>
5.	Green Sunfish	<u><i>Lepomis cyanellus</i></u>

II. chronological description by trip

Example : 1

Date: 4/26/2014

Place: Crawford County, KS

Location: Lake Crawford (2nd place)

GPS: N 37.638943, W -94.812560

	Common Name	Scientific name
1.	Bluegill	<u>Lepomis macrochirus</u>

II. chronological description by trip

Example : 6

Date: 4/26/2014

Place: Crawford County, KS

Location: Lake Crawford (Dam)

GPS: N 37.638943, W -94.812560

	Common Name	Scientific name
1.	Bluegill	<u>Lepomis macrochirus</u>
2.	Hybrid Bluegill +Green Sunfish	<u>Lepomis macrochirus</u> x <u>Lepomis cyanellus</u>
3.	Central Stoneroller	<u>Campostoma anomalum</u>
4.	Orange Throat Darter	<u>Atheostoma spectabile</u>
5.	Fantail Darter	<u>Etheostoma flabellare</u>
6.	Orangespotted Sunfish	<u>Lepomis humilis</u>

II. chronological description by trip

Example : 17

Date: 4/26/2014

Place: Crawford County, KS

Location: Lake Crawford (Bridge)

GPS: N 37.638943, W -94.812560

	Common Name	Scientific name
1.	Greenside Darter	<u><i>Etheostoma blenniodes</i></u>
2.	Fantail Darter	<u><i>Etheostoma flabellare</i></u>
3.	Slender Madtom	<u><i>Noturus exilis</i></u>
4.	Johnny Darter	<u><i>Etheostoma nigrum</i></u>
5.	Mosquito Fish	<u><i>Gambusia affinis</i></u>
6.	Suckermouth Minnow	<u><i>Phenacobius mirabilis</i></u>
7.	Redfin Shiner	<u><i>Lythrurus umbratilis</i></u>
8.	Creek Chub	<u><i>Semotilus atromaculatus</i></u>
9.	Red Shiner	<u><i>Cyprinella lutrensis</i></u>
10.	Bluntnose Shiner	<u><i>Cyprinella camura</i></u>
11.	Bluntnose Minnow	<u><i>Notropis camura</i></u>
12.	Stonecat Madtom	<u><i>Noturus flavus</i></u>
13.	Bullhead Minnow	<u><i>Pimephales vigilax</i></u>
14.	Bluntnose Minnow	<u><i>Pimephales notatus</i></u>
15.	Red Shiner	<u><i>Cyprinella lutrensis</i></u>
16.	Fathead Minnow	<u><i>Pimephales promelas</i></u>

II. chronological description by trip

Example : 16

Date: 4/27/2014

Place: Cherokee County, KS

Location: Shoal Creek (KS - Access at Schermerhorn Park in Galena Kansas

GPS: N 37.04485, W -94.63992

	Common Name	Scientific name	Number of specimens
1.	Orange Throated Darter	<u><i>Etheostoma spectabile</i></u>	all released
2.	Ozark Minnow	<u><i>Notropis nubilus</i></u>	-
3.	Logperch	<u><i>Percina caprodes</i></u>	released
4.	Spot fin shiner	<u><i>Cyprinella spiloptera</i></u>	-
5.	Bluntnose Minnow	<u><i>Pimphales notatus</i></u>	-
6.	Carmines shiner	<u><i>Notropis percobromus</i></u>	-
7.	Central Stoneroller	<u><i>Campostoma anomalum</i></u>	-
8.	Cardinal Shiner	<u><i>Luxilus cardinalis</i></u>	-
9.	Bullhead Minnow	<u><i>Pmphales vigilax</i></u>	-
10.	Banded Darter	<u><i>Etheostoma zonale</i></u>	-
11.	Johnny Darter	<u><i>Etheostoma nigrum</i></u>	-
12.	Greenside Darter	<u><i>Etheostoma blennioides</i></u>	-
13.	Slender Madtom	<u><i>Noturus exilis</i></u>	1
14.	Small Mouth Bass	<u><i>Micropterus dolomieu</i></u>	2
15.	Long ear Sunfish	<u><i>Lepomis megalotis</i></u>	-
16.	Common Carp	<u><i>Cyprinus carpio</i></u>	1 decomposed when found

II. chronological description by trip

Example : 3

Date: 4/27/2014

Place: Cherokee County, KS

Location: Spring River

GPS: N 37.05613, W -94.70204

	Common Name	Scientific name	Number of specimens
1.	Long nose Gar	<u>Lepisosteus osseus</u>	3 Deceased when found
2.	Black Stripe Topminnow	<u>Fundulus notatus</u>	Released
3.	Orange Spot Sunfish	<u>Lepomis humilis</u>	Released

III. Species by State

State: Missouri

247 specimens

	Common Name	Scientific name	Number of specimens
1.	Arkansas Saddled Darter	<u>Etheostoma euzonum euzonum</u>	1
2.	Banded Darter	<u>Etheostoma zonale</u>	4
3.	Banded Sculpin	<u>Cottus carolinae</u>	5
4.	Blackspotted Topminnow	<u>Fundulus olivaceus</u>	6
5.	Bluegill	<u>Lepomis macrochirus</u>	10
6.	Bluegill Hybrid	<u>Lepomis macrochirus</u>	1
7.	Bluntnose Minnow	<u>Pimephales notatus</u>	1
8.	Brook Silverside	<u>Labidesthes sicculus</u>	2
9.	Cardinal Shiner	<u>Luxilus cardinalis</u>	25
10.	Central Stoneroller	<u>Campostoma anomalum</u>	4
11.	Chain Pickerel	<u>Esox niger</u>	1
12.	Creek Chub	<u>Semotilus atromaculatus</u>	2
13.	Duskystripe Shiner	<u>Luxilus cardinalis</u>	13
14.	Green Sunfish	<u>Lepomis cyanellus</u>	1
15.	Greensided Darter	<u>Etheostoma blenniodes</u>	2
16.	Hornyhead Chub	<u>Nocomis biguttatus</u>	12
17.	Johnny Darter	<u>Etheostoma nigrum</u>	1
18.	Largemouth Bass	<u>Micropterus salmoides</u>	1
19.	Largescale Stoneroller	<u>Campostoma oligolepis</u>	9
20.	Logperch	<u>Percina caprodes</u>	12
21.	Longear Sunfish	<u>Lepomis megalotis</u>	4
22.	Mountain Madtom	<u>Noturus eleutherus</u>	1
23.	Northern Hogsucker	<u>Hepentelium nigricans</u>	3
24.	Northern Studfish	<u>Fundulus catenatus</u>	6
25.	Orangethroat Darter	<u>Etheostoma spectabile</u>	15

	Common Name	Scientific name	Number of specimens
26.	Ozark Bass	<u>Ambloplites constellatus</u>	2
27.	Ozark Bleeding Shiner	<u>Luxilus zonatus</u>	7
28.	Ozark Madtom	<u>Noturus albater</u>	2
29.	Ozark Minnow	<u>Notropis nubilus</u>	15
30.	Ozark Sculpin	<u>Cottus hypselurus</u>	8
31.	Rainbow Darter	<u>Etheostoma caeruleum</u>	29
32.	Redspot Chub	<u>Nocomis asper</u>	4
33.	Rockbass	<u>Ambloplites rupestris</u>	4
34.	Rosyface Shiner	<u>Notropis rubellus</u>	8
35.	Slender Madtom	<u>Noturus exilis</u>	4
36.	Southern Redbelly Dace	<u>Chrosomus eos</u>	5
37.	Spotted Bass	<u>Micropterus punctulatus</u>	4
38.	Streamline Chub	<u>Erimystax dissimilis</u>	2
39.	Western Mosquitofish	<u>Gambusia affinis</u>	1
40.	Whitetail Shiner	<u>Cyprinella galactura</u>	1
41.	Cutthroat trout		pic
42.	Rainbow Trout	<u>Oncorhynchus mykiss</u>	pic
43.	Brown Trout	<u>Salmo trutta</u>	pic
44.	Hybrid Striped Bass	<u>Morone chrysops</u> x <u>Morone saxatilis</u>	pic
45.	smallmouth Bass	<u>Micropterus dolomieu</u>	pic
46.	Striped Bass	<u>Morone saxatilis</u>	pic




III. Species by State

State: Kansas

	Common Name	Scientific name
1.	Bluegill	<u>Lepomis macrochirus</u>
2.	Warmouth	<u>Lepomis gulosus</u>
3.	Mosquito Fish	<u>Gambusia affinis</u>
4.	Longear Sunfish	<u>Lepomis megalotis</u>
5.	Green Sunfish	<u>Lepomis cyanellus</u>
6.	Hybrid Bluegill + Green Sunfish	<u>Lepomis macrochirus</u> x <u>Lepomis cyanellus</u>
7.	Central Stoneroller	<u>Camptostoma anomalum</u>
8.	Orange Throat Darter	<u>Atheostoma spectabile</u>
9.	Fantail Darter	<u>Etheostoma flabellare</u>
10.	Orangespotted Sunfish	<u>Lepomis humilis</u>
11.	Greenside Darter	<u>Etheostoma blenniodes</u>
12.	Slender Madtom	<u>Noturus exilis</u>
13.	Johnny Darter	<u>Etheostoma nigrum</u>
14.	Suckermouth Minnow	<u>Phenacobius mirabilis</u>
15.	Redfin Shiner	<u>Lythrurus umbratilis</u>
16.	Creek Chub	<u>Semotilus atromaculatus</u>
17.	Red Shiner	<u>Cyprinella lutrensis</u>
18.	Bluntnose Shiner	<u>Cyprinella camura</u>
19.	Bluntnose Minnow	<u>Notropis camura</u>
20.	Stonecat Madtom	<u>Noturus flavus</u>
21.	Bullhead Minnow	<u>Pimephales vigilax</u>
22.	Bluntnose Minnow	<u>Pimephales notatus</u>
23.	Red Shiner	<u>Cyprinella lutrensis</u>
24.	Fathead Minnow	<u>Pimephales promelas</u>
25.	Spot fin shiner	<u>Cyprinella spiloptera</u>
26.	Carmine shiner	<u>Notropis percobromus</u>
27.	Common carp	<u>Cyprinus carpio</u>

28.	Long nose Gar	<u><i>Lepisosteus osseus</i></u>
29.	Black Stripe Topminnow	<u><i>Fundulus notatus</i></u>
30.	Ozark Minnow	<u><i>Notropis nubilus</i></u>
31.	Logperch	<u><i>Percina caprodes</i></u>
32.	Cardinal Shiner	<u><i>Luxilus cardinalis</i></u>
33.	Banded Darter	<u><i>Etheostoma zonale</i></u>
34.	Small Mouth Bass	<u><i>Micropterus dolomieu</i></u>

IV. Photographs

<p>Order: Salmoniformes Family: Salmonidae <u><i>Oncorhynchus clarkii</i></u> Cutthroat trout</p>	
<p>Order: Salmoniformes Family: Salmonidae <u><i>Oncorhynchus mykiss</i></u> Rainbow Trout</p>	
<p>Order: Salmoniformes Family: Salmonidae <u><i>Salmo trutta</i></u> Brown Trout</p>	

Order: Moronidae
Family: Moronidae
Morone chrysops x *Morone saxatilis*
Hybrid Striped Bass



Order: Perciformes
Family: Centrarchidae
Micropterus dolomieu
Smallmouth Bass



Order: Perciformes
Family: Moronidae
Morone saxatilis
Striped Bass



Index

- I. Phylogenetic listing of species
- II. Chronological description by trip
- III. Species by State
- IV. Photographs

Index

- I Phylogenetic listing of species
- II Chronological description by trip
- III Chronological listing of State
- IV Chronological listing of