

Phylogenetic Listing

Order: Lepisosteiformes
Family: Lepisosteidae

Lepisosteus osseus
Lepisosteus oculatus

Order: Clupeiformes
Family: Clupeidae

Dorosoma cepedianum

Order: Salmoniformes
Family: Salmonidae

Salmo gairdneri

Order: Esociformes
Family: Esocidae

Esox americanus

Order: Cypriniformes
Family: Cyprinidae

Carassius auratus
Pimephales notatus
Notropis lutrensis
Phenacobius mirabilis
Notemigonus crysoleucas

21. 2. 1964

1. 1. 1964

1. 1. 1964

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<u>Campostoma</u>	<u>anomelum</u>
<u>Notropis</u>	<u>anthrinooides</u>
<u>Notropis</u>	<u>stremineus</u>
<u>Notropis</u>	<u>spilopterus</u>
<u>Noconis</u>	<u>bifittatus</u>
<u>Notropis</u>	<u>pilsbryi</u>
<u>Notropis</u>	<u>telescopus</u>
<u>Pimephales</u>	<u>promelas</u>
<u>Notropis</u>	<u>zonatus</u>
<u>Campostoma</u>	<u>oligolepis</u>
<u>Noconis</u>	<u>cisper</u>
<u>Notropis</u>	<u>boops</u>
<u>Notropis</u>	<u>umbrinilis</u>
<u>Notropis</u>	<u>nubilus</u>
<u>Phoxinus</u>	<u>erythrogastrus</u>
<u>Hypopsis</u>	<u>storeriens</u>
<u>Notropis</u>	<u>glacturus</u>
<u>Notropis</u>	<u>rubellus</u>
<u>Hypopsis</u>	<u>disimilis</u>
<u>Cyprinus</u>	<u>carpio</u>
<u>Notropis</u>	<u>chrysocentrus</u>

Order: Cypriniformes

Family: Catostomidae

<u>Carpionotus</u>	<u>carpio</u>
<u>Moxostoma</u>	<u>dugei</u>
<u>Erimyzon</u>	<u>oblongus</u>
<u>Hypentelium</u>	<u>nigrum</u>
<u>Cylopterus</u>	<u>elongatus</u>
<u>Carpionotus</u>	<u>velifer</u>
<u>Ictalurus</u>	<u>nebulosus</u>

Order: Siluriforms
Family: Ictaluridae

Ictalurus	fuscatus
Noturus	flavus
Ictalurus	meigs
Ictalurus	punctatus
Ictalurus	metalis
Noturus	exilis
Noturus	albatrus
Noturus	placidus

Order: Cyprinodontiformes
Family: Cyprinodontidae

Fundulus	Coturniculus
Fundulus	olivaceus
Fundulus	notatus

Family: Poeciliidae

Gambusia affinis

Order: Atheriniformes
Family: Atherinidae

Lebistes sicculus

Order: Scorpaeniformes
Family: Cottidae

Cottus	baileyi
Cottus	corylliae

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Order: Perciformes
Family: Percichthyidae

Morone chrysops

Family: Centruichidae

Micropterus punctulatus

Lepomis gulosus

Lepomis cyanellus

Lepomis humilis

Lepomis megalotis

Lepomis macrochirus

Lepomis microlophus

Family: Percidae

Percina caprodes

Percina phoxocephala

Etheostoma sticticum

Etheostoma blennioides

Etheostoma juliae

Etheostoma puzosum

Etheostoma zonale

Etheostoma flabellare

Etheostoma cragini

Etheostoma caeruleum

Etheostoma spectabile

Etheostoma microperca

Family: Sciaenidae

Aplodinotus grunnius

Order: Perciformes
Family: Percichthyidae

Marine Clupeidae

Family: Clupeidae

Microgaster punctatus
Lepomis gulosus
Lepomis cyanellus
Lepomis microlophus
Lepomis macrochirus
Lepomis microlophus

Family: Percidae

Percina caprodes
Percina phoxocephala
Fundulus stictolepis
Fundulus heteroclitus
Fundulus luciae
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Fundulus luciae
Fundulus heteroclitus
Fundulus luciae

Family: Siluridae

Ambloplites rupestris

Collection Sites

Site #1

3/16/92

Arkansas River

3 miles north of Derby

T21S R25E Section 31

Sedgwick County, KS

Habitat: River

Species collected:

✓	River carpsucker	<u>Carpionodes</u> <u>Carpio</u>	(1)
✓	Orange spotted Sunfish	<u>Lepomis</u> <u>humilis</u>	(1)
	Bluegill	<u>Lepomis</u> <u>macrochirus</u>	(1)
✓	Sand shiner	<u>Notropis</u> <u>stramineus</u>	(1)
Collector: Matt Smith			

Site #2

3/21/92

Spring River

1/4 mile south of Riverton on Highway 69, below dam

T34S, R24E Sec 20

Cherokee County, KS

Habitat: River

Species collected:

Channel Catfish	-	<u>Ictalurus</u> <u>punctatus</u>	(1)
Emerald Shiner	-	<u>Notropis</u> <u>antherinoides</u>	(1)
Green side darter	-	<u>Etheostoma</u> <u>blennioides</u>	(1)
Spotted Bass	-	<u>Micropterus</u> <u>punctulatus</u>	(1)
Logperch	-	<u>Percina</u> <u>caprodes</u>	(1)
Banded darter	-	<u>Etheostoma</u> <u>zonale</u>	(1)
Warmouth	-	<u>Lepomis</u> <u>gulosus</u>	(1)
Spotfin shiner	-	<u>Notropis</u> <u>spilopterus</u>	(1)

Collector: Matt Smith

Collection sites

Site 4

5/14/92

Albion River
1/2 mile south of
TSPS, Sec 20
Cherokee County, GA
Habitat: River
Species collected:

- | | | | |
|---|------------------------|---|------------------------|
| 1 | Known copperhead | 1 | Known copperhead |
| 2 | Common spotted catfish | 2 | Common spotted catfish |
| | | | |
| 3 | Smallmouth bass | 3 | Smallmouth bass |
| | | | |
| 4 | Collector: Matt Smith | 4 | Collector: Matt Smith |

Site 2

5/14/92

Albion River
1/2 mile south of Avanton on Highway 63
TSPS, Sec 20
Cherokee County, GA
Habitat: River
Species collected:

- | | | | |
|---|-----------------------|---|-----------------------|
| 1 | Channel catfish | 1 | Channel catfish |
| 2 | Smallmouth bass | 2 | Smallmouth bass |
| 3 | Greeneye shiner | 3 | Greeneye shiner |
| 4 | Spotted bass | 4 | Spotted bass |
| 5 | Logperch | 5 | Logperch |
| 6 | Golden shiner | 6 | Golden shiner |
| 7 | Warminth | 7 | Warminth |
| 8 | Collector: Matt Smith | 8 | Collector: Matt Smith |

Collector: Matt Smith

Site #3

4/16/92

Cow Creek

3 miles east of KOAM TV station

T32S, R25E, Section 34

Cherokee County, KS

Habitat: stream

Species collected

✓ Black Bullhead	<u>Ictalurus</u> <u>melas</u>	(1)
✓ Slender madtom	<u>Noturus</u> <u>exilis</u>	(1)
✓ yellow bullhead	<u>Ictalurus</u> <u>natalis</u>	(1)
✓ Long ear sunfish	<u>Lepomis</u> <u>microlophus</u>	(1)
✓ Brook silverside	<u>Labidesthes</u> <u>sicculus</u>	(1)
orange throat darter	<u>Lepomis</u> <u>humilis</u>	(1)
Black stripe topminnow	<u>Fundulus</u> <u>notatus</u>	(1)
Suckermouth minnow	<u>Pheracobius</u> <u>mirabilis</u>	(1)

Collector: Matt Smith

Site #4

4-25-92

Current River

T27N, R1W, Section 24 Hwy. 60

Carter County, Missouri

Habitat: River

Species collected:

2/1/02

Low Creek

out of Lake to stream

1992 2/1/02

Chlorophyll

1/2 ft

collected

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

Chlorophyll

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

1/2 ft

- <u>Camptostoma oligolepis</u>	Large scale stone-roller (4)
<u>Gambusia affinis</u>	Mosquito fish (3)
<u>Notropis rubellus</u>	Rosey-faced shiner (6)
- <u>Notropis zonatus</u>	Bleeding shiner (19)
- <u>Notropis chrysocephalus</u>	Striped shiner (7)
- <u>Erinizon oblongus</u>	Creek chubsucker (17)
- <u>Nocomis biguttatus</u>	Horny head chub (13)
<u>Esox americanus</u>	Wass Pickrel (10)
<u>Notropis galacturus</u>	Whitetail shiner (2)
<u>Notropis chrysoleucas</u>	Golden shiner (1)
- <u>Pimephales promelas</u>	Fathead minnow (6)
- <u>Cottus bairdi</u>	Mottled sculpin (5)
- <u>Cottus caroliniae</u>	Banded sculpin (13)
- <u>Fundulus olivaceus</u>	Blackspotted Topminnow (17)
- <u>Fundulus catenatus</u>	Northern stultfish (17)
<u>Lepomis microlophus</u>	Redear sunfish (2)
<u>Lepomis macrochirus</u>	Blue gill (3)
<u>Lepomis humilis</u>	Orangespotted Sunfish (1)
<u>Micropterus punctulatus</u>	Spotted Bass (2)
<u>Labidesthes sicculus</u>	Brook silverside (2)
- <u>Noturus albater</u>	Ozark madtom (3)
- <u>Etheostoma caeruleum</u>	Rainbow darter (24)
- <u>Etheostoma zonale</u>	Banded darter (2)
<u>Etheostomaruzonum</u>	Aultkasee Saddledarter (1)
- <u>Moxostoma valenciennesi</u>	Black redbreast
- <u>Notropis boops</u>	Big eye shiner (8)
<u>Ambloplites rupestris</u>	Big eye chub (8)
- <u>Notropis nubilus</u>	Ozark minnow (19)

Collectors: Matt Smith and Ichthyology class trip

collected with Smith and Robinson class trip

1	Chrysostomus	Chrysostomus	1
2	Chrysostomus	Chrysostomus	1
3	Chrysostomus	Chrysostomus	1
4	Chrysostomus	Chrysostomus	1
5	Chrysostomus	Chrysostomus	1
6	Chrysostomus	Chrysostomus	1
7	Chrysostomus	Chrysostomus	1
8	Chrysostomus	Chrysostomus	1
9	Chrysostomus	Chrysostomus	1
10	Chrysostomus	Chrysostomus	1
11	Chrysostomus	Chrysostomus	1
12	Chrysostomus	Chrysostomus	1
13	Chrysostomus	Chrysostomus	1
14	Chrysostomus	Chrysostomus	1
15	Chrysostomus	Chrysostomus	1
16	Chrysostomus	Chrysostomus	1
17	Chrysostomus	Chrysostomus	1
18	Chrysostomus	Chrysostomus	1
19	Chrysostomus	Chrysostomus	1
20	Chrysostomus	Chrysostomus	1
21	Chrysostomus	Chrysostomus	1
22	Chrysostomus	Chrysostomus	1
23	Chrysostomus	Chrysostomus	1
24	Chrysostomus	Chrysostomus	1
25	Chrysostomus	Chrysostomus	1
26	Chrysostomus	Chrysostomus	1
27	Chrysostomus	Chrysostomus	1
28	Chrysostomus	Chrysostomus	1
29	Chrysostomus	Chrysostomus	1
30	Chrysostomus	Chrysostomus	1
31	Chrysostomus	Chrysostomus	1
32	Chrysostomus	Chrysostomus	1
33	Chrysostomus	Chrysostomus	1
34	Chrysostomus	Chrysostomus	1
35	Chrysostomus	Chrysostomus	1
36	Chrysostomus	Chrysostomus	1
37	Chrysostomus	Chrysostomus	1
38	Chrysostomus	Chrysostomus	1
39	Chrysostomus	Chrysostomus	1
40	Chrysostomus	Chrysostomus	1
41	Chrysostomus	Chrysostomus	1
42	Chrysostomus	Chrysostomus	1
43	Chrysostomus	Chrysostomus	1
44	Chrysostomus	Chrysostomus	1
45	Chrysostomus	Chrysostomus	1
46	Chrysostomus	Chrysostomus	1
47	Chrysostomus	Chrysostomus	1
48	Chrysostomus	Chrysostomus	1
49	Chrysostomus	Chrysostomus	1
50	Chrysostomus	Chrysostomus	1

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4-25-92

Black River

T24N, R6E section 2 Hwy 34

Butler County, Missouri

Habitat: River

Species collected:

Carpotoma oligolepis
Fundulus olivaceus
Lepomis cyanellus
Esox americanus
Micropterus punctulatus
Notropis glaucurus
Notropis telescopus
Labidesthes sicculus
Fundulus notadus
Notropis boops
Notropis umbrilis
Notropis zonatus
Notropis chryscephalus
Pionda nubilis
Etheostoma caeruleum
Etheostoma spectabile

Largescale Stoneroller (9)
 Blackspotted topminnow (17)
 Greensunfish (3)
 Grass Pickerel (4)
 Spotted Bass (1)
 White tail shiner (4)
 Telescope shiner (3)
 Brook silverside (1)
 Bluntnose minnow (1)
 Pigeye shiner (5)
 Redfin shiner (5)
 Bleeding shiner (1)
 Striped shiner (1)
 Ozark minnow (1)
 Rainbow darter (1)
 Orange throat darter (2)

Collectors: Matt Smith and

Ichthyology class trip

4-22-92
 Black River
 T24 N. R4E Section 2
 Butler County, Missouri
 Habitat: River
 Species collected:

<i>Carassius auratus</i>	(1)
<i>Fundulus olivaceus</i>	(1)
<i>Lepomis cyanellus</i>	(3)
<i>Esox americanus</i>	(4)
<i>Micropterus punctulatus</i>	(1)
<i>Notropis atherinops</i>	(4)
<i>Notropis telescopus</i>	(2)
<i>Leucostichus xanthurus</i>	(1)
<i>Fundulus notatus</i>	(1)
<i>Notropis longirostris</i>	(2)
<i>Notropis umbellatus</i>	(2)
<i>Notropis zonatus</i>	(1)
<i>Notropis chrysocentrus</i>	(1)
<i>Notropis ruber</i>	(1)
<i>Etheostoma caeruleum</i>	(1)
<i>Etheostoma spectabile</i>	(2)
<i>Longnose dace</i>	(1)
<i>Blackchin shiner</i>	(1)
<i>Brook silverside</i>	(1)
<i>White tail shiner</i>	(4)
<i>Spotted bass</i>	(1)
<i>Green pickerel</i>	(4)
<i>Green sunfish</i>	(3)
<i>Blackspotted bass</i>	(1)
<i>Longscale darters</i>	(1)

Collected with Smith and Tophylogly class trip

4-26-92

White river

T23N, R12W, Section 25 H Hwy

Ozark County, Missouri

Habitat: Stream

Species collected:

<u>Percina caprodes</u>	Logperch	(3)
- <u>Selino gairdneri</u>	Rainbow trout	(5)
<u>Noturus albat</u>	Ozark madtom	(2)
- <u>Hypentelium nigricans</u>	Northern Hogsucker	(1)
- <u>Phoxinus erythroaster</u>	Southern redbelly dace	(9)
<u>Cottus carolinæ</u>	Banded sculpin	(1)
<u>Cottus bairdi</u>	Mottled sculpin	(20)
<u>Noconis biguttatus</u>	Horney head chub	(4)
- <u>Notropis pilsbryi</u>	Dusky stripe shiner	
<u>Etheostona spatchile</u>	Orange throat darter	(11)
<u>Etheostona caeruleum</u>	Rainbow darter	(24)

Collectors: Matt Smith and Ichthyology class trip

Collectors: Jeff Smith and Ichthyology class trip

(24)	Rainbow darter	<i>Etheostoma caeruleum</i>
(11)	Orange throat darter	<i>Etheostoma spectabile</i>
	Bluegill	<i>Lepomis gibbosus</i>
(4)	Spottail shiner	<i>Notropis punctatus</i>
(20)	Spotted sculpin	<i>Cottus bairdi</i>
(1)	Spotted sculpin	<i>Cottus carolinus</i>
(9)	Southern yellow perch	<i>Perca flavescens</i>
(1)	White sucker	<i>Catostomus commersoni</i>
(2)	Smallmouth bass	<i>Micropterus dolomieu</i>
(2)	Blackchin shiner	<i>Notropis heterodon</i>
(2)	Logperch	<i>Percina caprodes</i>

Species collected:

White River

Ozark County, Missouri

TSPN, River, Section 22

July 11

4/26/23

4-26-92

James River

T24N, R23W, Section 7

Stone County, Missouri

Habitat: Stream

Species Collected:

<u>Noturus albat</u>	Ozark Madtom	(4)
<u>Gambusia affinis</u>	Mosquitofish	(7)
<u>Notropis galacturus</u>	Whitetail Shiner	(5)
<u>Lepomis microlophus</u>	Longear sunfish	(1)
<u>Etheostoma juliae</u>	Yolk darter	(2)
<u>Etheostoma blennioides</u>	Greenside darter	(6)
<u>Lepomis cyanellus</u>	Green sunfish	(1)
<u>Fundulus catenatus</u>	Northern Sticklefish	(10)
<u>Etheostoma caeruleum</u>	Rainbow darter	(2)
<u>Etheostoma zonale</u>	Banded darter	(1)
<u>Etheostoma spectabile</u>	Orange throat darter	(2)
<u>Hybopsis dissimilis</u>	Streamline chub	(3)
<u>Moxostoma valenciennesi</u>	Black redhorse	(3)
<u>Notropis rubellus</u>	Rosey-face shiner	(4)
<u>Dionda rubra</u>	Ozark minnow	(7)
<u>Notropis pilsbryi</u>	Dusky stripe shiner	(1)

Collectors: Matt Smith and Ichthyology class trip

4-10-43
 Jones River
 1943. 4000. Section 7
 Stone County, Missouri
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 360002 Collectible

(14)	Great Western	Western Electric
(13)	Western Electric	Western Electric
(12)	Western Electric	Western Electric
(11)	Western Electric	Western Electric
(10)	Western Electric	Western Electric
(9)	Western Electric	Western Electric
(8)	Western Electric	Western Electric
(7)	Western Electric	Western Electric
(6)	Western Electric	Western Electric
(5)	Western Electric	Western Electric
(4)	Western Electric	Western Electric
(3)	Western Electric	Western Electric
(2)	Western Electric	Western Electric
(1)	Western Electric	Western Electric

Collectible 1943. 4000. Section 7

4-26-92
 Center Creek
 T27N, R29W, Section 9 Hwy 66 Bridge
 Jasper County, Missouri
 Habitat: Stream
 Species collected:

<u>Hypentelium nigricans</u>	Northern Hog Sucker (1)
<u>Phoxinus erythrogaster</u>	Southern red bellied dace (2)
<u>Notropis pilsbryi</u>	Dusky stripe shiner (16)
<u>Nocomis biguttatus</u>	Redspot chub (13)
<u>Etheostoma microperca</u>	Least darter (11)
<u>Etheostoma flabellare</u>	Fantail darter (8)
<u>Etheostoma stigmaeum</u>	Speckled darter (5)
<u>Etheostoma blennioides</u>	Greensided darter (1)
<u>Etheostoma spectabile</u>	Orangethroat darter (3)
<u>Noturus exilis</u>	Slender madtom (12)
<u>Etheostoma caeruleum</u>	Auricular darter (1)

Collectors: Matt Smith and Ichthyology class trip

69-25-12

5-10-92
 Neosho River
 2 miles west of St. Paul Hwy 57
 R21E, T30S Section 20
 Neosho County, Kansas
 Habitat: River
 Species collected:

170 ✓	<u>Morone chrysops</u>	White bass	(2)
165 ✓	<u>Aplodinotus grunniens</u>	Drum	(3)
✓	<u>Carassius auratus</u>	Goldfish	(2)
✓	<u>Percina phoxocephala</u>	Slender head darter	(6)
✓	<u>(Orange throat) Etheostoma spectabile</u>		(5)
✓	<u>Ictalurus furcatus</u>	Blue catfish	(2)
✓	<u>Dimephales notatus</u>	Bluntnose minnow	(4)
✓	<u>Notropis lutrensis</u>	Red shiner	(12)
✓	<u>Phenacobius mirabilis</u>	Suckermouth minnow	(2)
✓	<u>Lepomis cyanellus</u>	Green Sunfish	(1)
✓	<u>Dorosoma cepedianum</u>	Gizzard shad	(3)
✓	<u>Fundulus olivaceus</u>	Black striped topminnow	(4)
✓	<u>Etheostoma caeruleum</u>	Rainbow darter	(6)
✓	<u>Lepomis macrochirus</u>	Bluegill	(1)
✓	<u>Noturus flavus</u>	Stonecat	(3)
✓	<u>Notemigonus crysoleucas</u>	Golden shiner	(2)
✓	<u>Camptostoma anomalum</u>	Central Stoneroller	(1)
✓	<u>Lepisosteus osseus</u>	Longnose gar	(1)
✓	<u>Lepisosteus oculatus</u>	Spotted gar	(1)
✓	<u>Cycleptus elongatus</u>	Blue sucker	(1)
✓	<u>Cyprinus carpio</u>	Carp	(1)
✓	<u>Ictalobus bubalus</u>	Smallmouth Buffalo	(1)
✓	<u>Noturus placidus (Taylor)</u>	Neosho madtom	(1)
✓	<u>Carpodes velifer</u>	High fin cupsucker	

Collectors: Matt Smith, Jason Trokille, David Tenkers, Josh Cussimano

11/25/02

[illegible]

motion of

100

100-1000

Species Collected in Kansas

<u>Carpiodes carpio</u>	River carpsucker	(1)
<u>Lepomis humilis</u>	Orange Spotted Sunfish	(1)
<u>Lepomis macrochirus</u>	Bluegill	(2)
<u>Ictalurus punctatus</u>	Channel catfish	(1)
<u>Notropis antherinoides</u>	Emerald shiner	(1)
<u>Etheostoma blennioides</u>	Green side darter	(1)
<u>Micropterus punctulatus</u>	Spotted Bass	(1)
<u>Percina caprodes</u>	Logperch	(1)
<u>Etheostoma zonale</u>	Banded darter	(1)
<u>Ictalurus nebulosus</u>	Black Bullhead	(1)
<u>Noturus exilis</u>	Slender madtom	(1)
<u>Ictalurus natalis</u>	Yellow bullhead	(1)
<u>Lepomis megalotis</u>	Long ear sunfish	(1)
<u>Lebistes reticulatus</u>	Brook silverside	(1)
<u>Lepomis gibbosus</u>	Orange throat darter	(6)
<u>Eumeces notatus</u>	Black stripe minnow	(5)
<u>Phoxinotus mirabilis</u>	Sucker mouth minnow	(3)
<u>Morone chrysops</u>	White bass	(2)
<u>Aplodinotus grunniens</u>	Drum	(3)
<u>Ceressia auratus</u>	Goldfish	(2)
<u>Percina phoxocephala</u>	Slender head darter	(6)
<u>Ictalurus furcatus</u>	Blue catfish	(2)
<u>Pimephales notatus</u>	Bluntnose minnow	(4)
<u>Notropis lutrensis</u>	Red shiner	(12)
<u>Lepomis cyanellus</u>	Green sunfish	(1)
<u>Dorosoma cepedianum</u>	Grizzard shad	(3)
<u>Etheostoma caeruleum</u>	Rainbow darter	(6)
<u>Noturus flavus</u>	Stone Cat	(3)
<u>Notemigonus crysoleucas</u>	Golden shiner	(2)
<u>Camptostoma ananelum</u>	Central stoneroller	(1)

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5	1.5	1.5.1	1.5.1.1
6	1.6	1.6.1	1.6.1.1
7	1.7	1.7.1	1.7.1.1
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9	1.9	1.9.1	1.9.1.1
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13	1.13	1.13.1	1.13.1.1
14	1.14	1.14.1	1.14.1.1
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24	1.24	1.24.1	1.24.1.1
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26	1.26	1.26.1	1.26.1.1
27	1.27	1.27.1	1.27.1.1
28	1.28	1.28.1	1.28.1.1
29	1.29	1.29.1	1.29.1.1
30	1.30	1.30.1	1.30.1.1
31	1.31	1.31.1	1.31.1.1
32	1.32	1.32.1	1.32.1.1
33	1.33	1.33.1	1.33.1.1
34	1.34	1.34.1	1.34.1.1
35	1.35	1.35.1	1.35.1.1
36	1.36	1.36.1	1.36.1.1
37	1.37	1.37.1	1.37.1.1
38	1.38	1.38.1	1.38.1.1
39	1.39	1.39.1	1.39.1.1
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41	1.41	1.41.1	1.41.1.1
42	1.42	1.42.1	1.42.1.1
43	1.43	1.43.1	1.43.1.1
44	1.44	1.44.1	1.44.1.1
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47	1.47	1.47.1	1.47.1.1
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70	1.70	1.70.1	1.70.1.1
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75	1.75	1.75.1	1.75.1.1
76	1.76	1.76.1	1.76.1.1
77	1.77	1.77.1	1.77.1.1
78	1.78	1.78.1	1.78.1.1
79	1.79	1.79.1	1.79.1.1
80	1.80	1.80.1	1.80.1.1
81	1.81	1.81.1	1.81.1.1

Lepisosteus osseus
Lepisosteus oculatus
Cyprinodon elongatus
Cyprinus carpio
Ictiobus hubbsi
Noturus placidus (Taylor)
Carpodacus velifer
Notropis streminus
Notropis spilopterus

Longnose gar (1)
 spotted gar (1)
 Blue sucker (1)
 Carp (1)
 Shellmouth Buffalo (1)
 Neosho Madtom (1)
 Highfin Cope sucker (1)
 Sarel shiner (1)
 spot fin shiner (1)

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(1)	top 781	top 781
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(1)	top 195	top 195
(1)	top 97	top 97

<u>Species Collected In</u>		<u>Missouri</u>	
Camptostoma	oligolepis	Large scdr store roller	(13)
Gambusia	affinis	Mosquito fish	(10)
Notropis	zonatus	Rosey-faced shiner	(10)
Notropis	zonatus	Bleeding shiner	(20)
Notropis	chrysocephalus	Striped shiner	(8)
Erimyzon	oblongus	Creek chubsucker	(1)
Nocomis	biguttatus	Horneyhead chub	(17)
Esox	americanus	Grass Pickerel	(14)
Notropis	galacturus	Whitetail shiner	(11)
Notropis	chrysoleucas	Golden shiner	(1)
Pimephales	promelas	Fathead minnow	(6)
Cottus	bairdi	Mottled sculpin	(25)
Cottus	carolinæ	Banded sculpin	(14)
Fundulus	olivaceus	Blackspotted topminnow	(18)
Fundulus	catenatus	Northern studfish	(27)
Lepomis	microlophus	Redear Sunfish	(2)
Lepomis	macrochirus	Blue gill	(3)
Lepomis	speotchile	Orangespotted sunfish	(1)
Micropterus	punctulatus	Spotted Bass	(3)
Labidesthes	sicculus	Brook silverside	(3)
Noturus	albater	Ozark madtom	(10)
Etheostoma	caeruleum	Rainbow darter	(31)
Etheostoma	zonale	Banded darter	(3)
Etheostoma	ruzonum	Arkansas Saddled darter	(1)
Moxostoma	duquesnei	Black redbhorse	(3)
Notropis	boops	Migeye shiner	(13)
Hybopsis	stoveriana	Migeye chub	(2)
Notropis	nubilus	Ozark minnow	(20)
Lepomis	cyaneus	Green sunfish	(4)
Notropis	galacturus	White tail shiner	(9)
Notropis	telescopus	telescope shiner	(3)

<i>Lebistes</i> <i>sicculus</i>	Brook silverside	(3)
<i>Fundulus</i> <i>notedus</i>	Bluntnose minnow	(1)
<i>Notropis</i> <i>umbritilis</i>	Redfin shiner	(5)
<i>Percina</i> <i>caprodes</i>	Logperch	(3)
<i>Salmo</i> <i>gairdneri</i>	Rainbow trout	(5)
<i>Hypentelium</i> <i>nigriceps</i>	Northern Hogsucker	(2)
<i>Phoxinus</i> <i>erythrogaster</i>	Southern redbelly dace	(9)
<i>Notropis</i> <i>pilsbryi</i>	Dusky stripe shiner	(17)
<i>Lepomis</i> <i>megalotis</i>	Longear sunfish	(1)
<i>Etheostoma</i> <i>julice</i>	Yolk darter	(2)
<i>Etheostoma</i> <i>blennioides</i>	Greenside darter	(6)
<i>Hybopsis</i> <i>dissimilis</i>	Streamline chub	(3)
<i>Nocomis</i> <i>cispur</i>	Redspot chub	(13)
<i>Etheostoma</i> <i>microperca</i>	Least darter	(11)
<i>Etheostoma</i> <i>flabellare</i>	Fantail darter	(8)
<i>Etheostoma</i> <i>stigmaeum</i>	Speckled darter	(5)
<i>Etheostoma</i> <i>crogini</i>	Arkansas darter	(1)

[illegible]

Location of specimens

Large Jar - All Kansas specimens

Morone chrysops
Aplodinotus grunniens
Carassius auratus
Percina phoxocephala
Etheostoma spectabile
Ictalurus furcatus
Pimephales notatus
Notropis lutrensis
Phenacobius mirabilis
Lepomis cyanellus
Dorosoma cepedianum
Fundulus olivaceus
Etheostoma caeruleum
Lepomis macrochirus
Noturus flavus
Notemigonus crysoleucas
Carpostoma anomalon
Micropterus punctulatus
Lepomis humilis
Percina caprodes
Ictairus meias
Ictalurus punctatus
Ictairus natalis
Noturus exilis
Notropis antherinoides
Carpiodes carpio
Lepomis megalotis
Etheostoma blennioides

White Bass
Drum
Goldfish
Slender head darter
Orange throat darter
Blue catfish
Bluntnose minnow
Red shiner
Suckermouth minnow
Green Sunfish
Gizzard shad
Black striped Topminnow
Rainbow darter
Bluegill
Storecat
Golden shiner
Central storeroller
Spotted Bass
Orange spotted Sunfish
Logperch
Black bullhead
Channel Catfish
Yellow bullhead
Slender madtom
Emerald shiner
River Cargsucker
Long ear sunfish
Greenside darter

Location of specimens

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<u>Labidesthes sicculus</u>	Brook silverside
<u>Notropis stramineus</u>	Sand shiner
<u>Lepomis gulosus</u>	Warmouth
<u>Notropis spilopterus</u>	Spotfin shiner

Small Jer - All specimens collected in Missouri

<u>Nocomis biguttatus</u>	Honey head chub
<u>Notropis pilsbryi</u>	Dusky strip minnow
<u>Notropis telescopus</u>	Telescope shiner
<u>Fundulus olivaceus</u>	Black spotted Topminnow
<u>Pimephales promelas</u>	Flathead minnow
<u>Etheostoma stigmaeum</u>	Specked darter
<u>Etheostoma caeruleum</u>	Rainbow darter
<u>Etheostoma flabellare</u>	Fantail darter
<u>Notropis zonatus</u>	Bleeding shiner
<u>Salmo gairdneri</u>	Rainbow trout
<u>Etheostoma microperca</u>	Least darter
<u>Campostoma oligolepis</u>	Large scale stoneroller
<u>Nocomis biguttatus</u>	Redspot chub
<u>Moxostoma valenciennesi</u>	Black red house
<u>Etheostoma zonale</u>	Banded darter
<u>Notropis boops</u>	Big eye shiner
<u>Erimyzon oblongus</u>	Creek chub sucker
<u>Notropis umbrinilis</u>	Redfin shiner
<u>Notropis nubilus</u>	Ozark minnow
<u>Phoxinus erythrogaster</u>	Southern Red belly dace
<u>Noturus albatum</u>	Ozark madtom
<u>Fundulus ctenatus</u>	Northern Studfish

Notropis signatus
Notropis spilopterus
Notropis gilvus
Notropis strimmar
Labidochanna zebra

Brook Silverside
 Great shiner
 Greenish
 Spot fin shiner

Small Ter - All specimens collected in Missouri

Funnelia lateralis
Notropis alba
Notropis telescopus
Notropis olivaceus
Notropis virgatus
Notropis strimmar
Notropis caeruleus
Notropis flabellatus
Notropis zonatus
Notropis virgatus
Notropis microgaster
Notropis olivaceus
Notropis caeruleus
Notropis zonatus
Notropis boops
Notropis olivaceus
Notropis virgatus
Notropis alba
Notropis erythrorhynchus
Notropis alba

Honey head club
 Black strip minnow
 Telescope shiner
 Black spotted topminnow
 Blackish minnow
 Spotted cluster
 Greenish cluster
 Faint cluster
 Blending shiner
 Greenish trout
 Leaf cluster
 Green scale stonehopper
 Redspot club
 Black and white
 Banded cluster
 Red eye shiner
 Green club sucker
 Redfin shiner
 Green minnow
 Golden bell belly dace
 Green moccasin
 Southern stunner

Esox americanus
Hypentelium nigricans
Cottus caroliniae
Cottus bairdi
Gambusia affinis
Notropis chryscephalus
Cyress pickerali
Northtown Hog sucker
Banded sculpin
Mottled sculpin
Mosquitofish
Striped shiner

Specimens not in this collection

Specimen Location

Hypopsis storeriana
Etheostoma euzonum
Lepomis microlophus
Notropis galacturus
Notropis rubellus
Hypopsis clisimilis
Etheostoma juliae
Bigeye club
Ark. saddled darter
Roader sculpin
White tail shiner
Rosy face shiner
Strenallie club
Yoke darter
Museum
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Tosh Cussin collection
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[specimen in museum]
 Hypopsis storeriana Bigeye club
 Current River no. T27M P1W sec. 24
 no. class trip 4-25-92

Etheostoma euzonum
 Ark. saddled darter
 Current River no. T27M P1W
 sec. 24
 no. class trip 4-25-92
 [specimen in museum]

Lepomis microlophus Roader sculpin
 Current River no. T27M P1W sec. 24
 no. class trip 4-25-92
 [specimen in museum]

[specimen in Tosh Cussin collection]
 Notropis galacturus White tail shiner
 Current River T27M P3W sec. 7
 no. class trip 4-26-92

Notropis rubellus Rosy face shiner
 Current River no. T27M P3W sec. 7
 no. class trip 4-26-92
 [specimen in museum]

Hypopsis clisimilis Strenallie club
 Current River no. T27M P3W
 sec. 7 Hwy 248
 no. class trip 4-26-92
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[illegible]

Etheostoma juliae Joke deuter
 Jones River Mo. T24N R23W Sec. 7
 Mo. class trip 4-26-92
 [specimen in museum]

Photos of specimens

Lepisosteus osseus
Lepisosteus oculatus
Cycleptus elongatus
Cyprinus carpio
Noturus placidus (Taylor)

Longnose Gar
 Spotted Gar
 Blue Sucker
 Carp
 Neosho Madtom

Lepisosteus osseus Longnose gar
 Neosho River Ks. R21E T30S Sec. 20
 Matt, Josh, David, Jason 5-10-92
 Photo.

Cyprinus carpio Carp
 Neosho River Ks. R21E T30S Sec. 20
 Matt, Josh, David, Jason, 5-10-92
 Photo

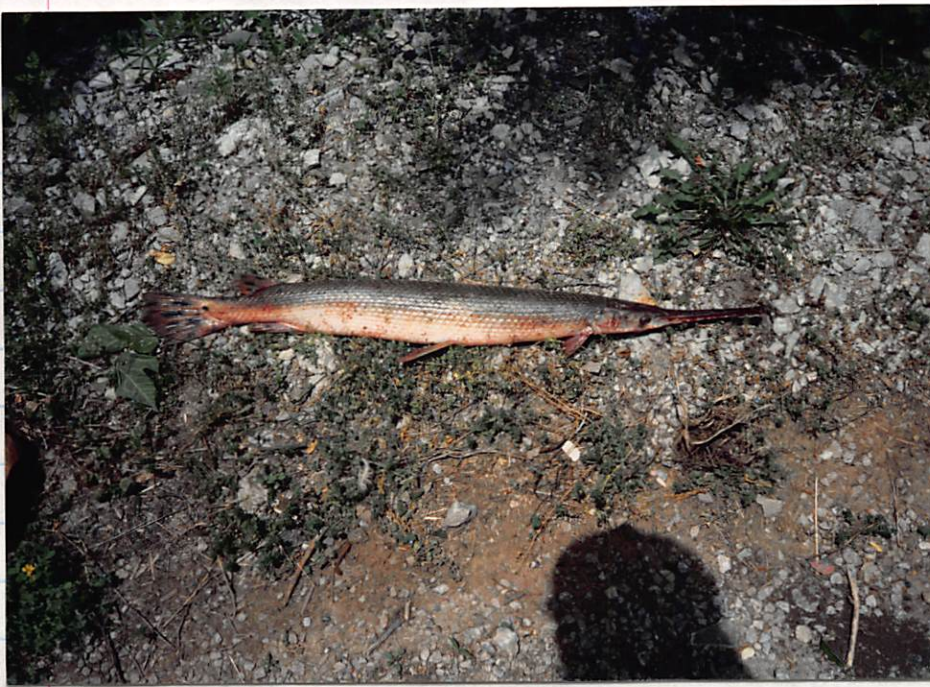
Lepisosteus oculatus Spotted gar
 Neosho River Ks. R21E T30S Sec. 20
 Matt, Josh, David, Jason 5-10-92
 Photo

Noturus placidus Neosho madtom
 Neosho River Ks. R21E T30S Sec. 20
 Matt, Josh, David, Jason 5-10-92
 Poor Photo

Cycleptus elongatus Blue Sucker
 Neosho River R21E T30S Sec. 20
 Matt, Josh, David, Jason 5-10-92
 Photo

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10/10/10



Longnose Gar



Spotted Gar



Blue Sucker

Handwritten text, possibly a name or date, written in blue ink.

Handwritten text, possibly a name or date, written in blue ink.

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Carp

Neosho Madtom
(velly)

Q. 12

Q. 13
Q. 14

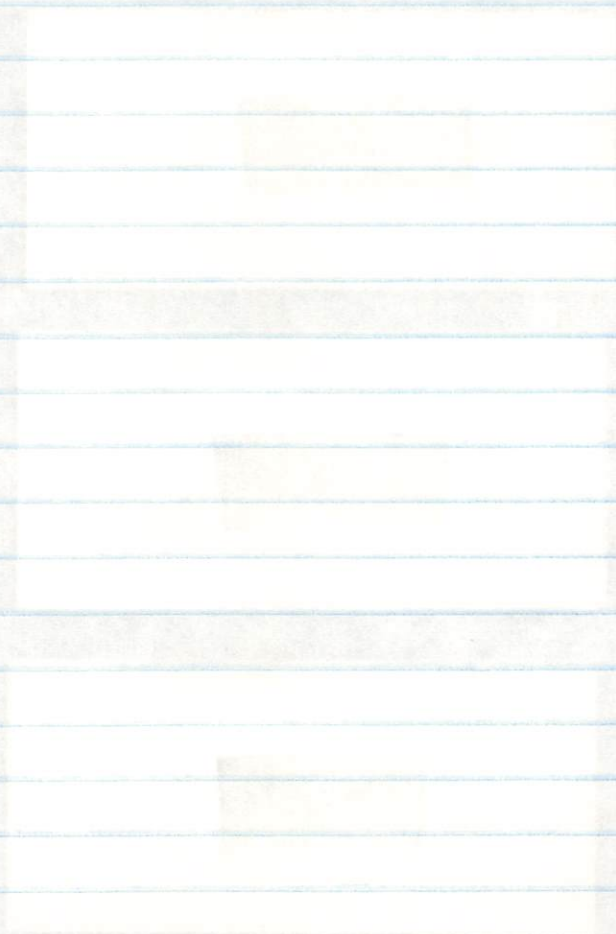
Photos not in this collection

Corpiodes velitor Highfin Cuppsucker
Neosho River Ks. R21E T30S Sec. 20
Photo in Josh Cussinano
collection. 5-10-92
Matt, Josh, David, Jason

Ictiobus bubalus Smallmouth
Buffalo
Neosho River Ks. R21E T30S Sec. 20
5-10-92 Photo in Josh
Cussinano collection.
Matt, Josh, David, Jason

Etheostoma crocini Arkansas darter
Center Creek mo. T27W R29W Sec. 9.
mo. class trip 4-26-92
[Photo in Kevin Ashberry collection]

Photos not in this collection



father