

Ichthyology Notebook

BIOL 533-01

Brady Bunton

ICHTHYOLOGY 533
FIELD NOTEBOOK

Must be clearly written in ink or typed. The notebook should include the following sections:

- I. A phylogenetic listing of species in your collection, and their location in your collection. At the beginning of the section, include the total number of species you are reporting.

Example: 75 Species Total

Order: Siluriformes

Family: Ictaluridae

Ictalurus punctatus

Ameiurus nebulosus

Location:

Jar 1

Donated to Nature Reach

- II. A chronological description of collection sites, habitat, the total number of each species (scientific name and common name) collected at each site, and the persons doing the collecting (all people on the trip).

Example:

3/12/91

Cow Creek

3 miles east of KOAM TV Station

T32S, R25E, Section 34

Cherokee County, KS

Habitat: Stream

Species Collected: Percina caprodes (Logperch) (3)

Collectors: Todd Campbell, Ken Koon

- III. List names and numbers of all species collected on trips you were present for, split up by states.

Examples:

Kansas --- (number and list of all specimens caught in Kansas)

Missouri --- etc.

- IV. Photographs – Must include collection information as required for a label. Species must be identifiable and distinguishable from other species.

- V. Signature sheets for specimens released alive or donated to Nature Reach. These must be signed by the instructor, course TA, or other faculty/staff qualified to make a reliable identification.

Example:

Species

Notropis rubellus

Disposition

Released at collection site

Verification Signature

James R. Triplett



STATE OF KANSAS

Scientific, Education, or Exhibition Wildlife Permit

(Collecting or Salvage)

PERMIT EXPIRES: December 31, 2014

Authority K.S.A. 32-952 & K.A.R. 115-18-3

Permit No. SC-108-2014

Issued Apr 11, 2014

Permittee: James Triplett

Subpermittee(s): located on reverse side of permit

Affiliation: Biology Department - Pittsburg State University

Address: 1034 E. 520th Ave

City Pittsburg

State KS

Zip Code 66762

Phone Number 620-235-9466

E-mail: jtriplett@pittstate.edu

Federal Permit #

PERMIT CONDITIONS

List of Species to be collected:

Fish (excluding threatened, endangered, and SINC species and federally listed species)

Number of specimens

to be removed: > 50

Counties to be covered by activity: (Only allowed in those listed)

statewide

Anticipated dates of activity
Collecting Purpose

January 2014 - December 2014

museum collection, exhibition/education

Collecting Method

hand, net, trap, seine, electro-fish

Specimen Storage:

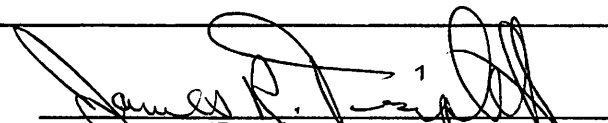
Pittsburg State University

This permit must be in possession while conducting the above activity.

The permit holder must notify the KDWPT Regional Law Enforcement Supervisor prior to conducting activity in the counties listed above. See map for contact information.

Permission to enter any lands, either public or private, to conduct permitted activity must be obtained from the owner or manager before entry. Collecting specimens on KS Dept of Wildlife, Parks & Tourism (KDWPT) properties must first obtain permission from local Public Land Manager. Permission can be obtained by writing to the address below or calling KDWPT Ecological Services Section at (620) 672-5911.

Subpermittee(s): Only the permittee and subpermittee(s) may collect. If the permittee is affiliated with an education institution, students may collect for the permittee while in the company of the permittee. Specimens collected by such students must be placed in the possession of the permittee at the collection site, for housing of the specimen at the place(s) listed on the permit. The permittee or subpermittee (s) may not acquire specimens originating in the wild from other permission (including other holders of scientific, education, or exhibition wildlife permits), without permission from the Kansas Dept of Wildlife & Parks.


Brady Buiston
Permittee Signature



Kansas Dept of Wildlife, Parks & Tourism
Ecological Services Section
512 SE 25th Ave
Pratt KS 67124

Sub-permittees for permit SC-108-2014

Alessa, Balsan

Barton, Dillon

Dubin, Tyle

← BUNTON, BRADY

Hall, Briana

Harreld, Deann

Hullinger, Allison

Kellogg, Lewis

Lytle, Jared

May, McKinzie

Morland, Jesse

Myers, John

Reynold, Stephanie

Vanoverschelde, Logan

Weilert, Valerie

Westerhaus, Thomas

Young, Samantha

PERMIT HOLDER NAME (LAST NAME, FIRST NAME)	James Triplett						
PERMIT NUMBER (SC-xxx-2013)	SC-065-2013						
DATE OF COLLECTION MM/DD/YYYY	WHAT WAS COLLECTED (PLEASE SELECT FROM THE DROP DOWN LIST BELOW)	COMMON NAME	GENUS	SPECIFIC EPITHET	PLEASE INDICATE IF THIS SPECIES IS: THREATENED = T SINC = S BLANK IF NONE OF THE ABOVE	QUANTITY COLLECTED (REMOVED AND/OR HANDLED)	COUNTY
4/26/2014	Fish	Warmouth	Lepomis	gulosus		1	Crawford
4/26/2014	Fish	Mousquito Fish	Gambusia	affinis			Crawford
4/26/2014	Fish	Longear Sunfish	Lepomis	megalotis			Crawford
4/26/2014	Fish	Green Sunfish	Lepomis	cyaneus			Crawford
4/26/2014	Fish	Green Sunfish	Lepomis	cyaneus			Crawford
4/26/2014	Fish	Fantail Darter	Etheostoma	flabellare			Crawford
4/26/2014	Fish	Bluegill	Lepomis	macrochirus			Crawford
4/26/2014	Fish	Central Stoneroller	camptostoma	pallidum			Crawford
4/26/2014	Fish	Orangethroat Darter	Etheostoma	spectabile			Crawford
4/26/2014	Fish	Fathead Minnow	Pimephales	promelas			Bourbon
4/26/2014	Fish	Red Shiner	Cyprinella	lutrensis			Bourbon
4/26/2014	Fish	Bluntnose Shiner	Cyprinella	camura			Bourbon
4/26/2014	Fish	Suckermouth Minnow	Phenacobius	mirabilis			Bourbon
4/26/2014	Fish	Creek Chub	Semotilus	atromaculatus			Bourbon
4/26/2014	Fish	Bullhead Minnow	Pimephales	vigilax			Bourbon
4/26/2014	Fish	Stonecat	Noturus	flavus			Bourbon
4/26/2014	Fish	Slender Madtom	Noturus	exilis			Bourbon
4/26/2014	Fish	Johnny Darter	Etheostoma	nigrum			Bourbon
4/27/2014	Fish	Orangethroat Darter	Etheostoma	spectabile			Cherokee
4/27/2014	Fish	Ozark Minnow	Notropis	nubilus			Cherokee
4/27/2014	Fish	Banded Darter	Etheostoma	zonale			Cherokee
4/27/2014	Fish	Carmines Shiner	Notropis	percobromus			Cherokee
4/27/2014	Fish	Logperch	Percina	caprodes			Cherokee
4/27/2014	Fish	Spotfin shiner	Cyprinella	spiloptera			Cherokee
4/27/2014	Fish	Bluntnose Minnow	Pimephales	notatus			Cherokee
4/27/2014	Fish	Central Stoneroller	camptostoma	anomalum			Cherokee
4/27/2014	Fish	Cardinal Shiner	Luxilus	cardinalis			Cherokee
4/27/2014	Fish	Bullhead Minnow	Pimephales	vigilax			Cherokee
4/27/2014	Fish	Johnny Darter	Etheostoma	nigrum			Cherokee
4/27/2014	Fish	Greenside Darter	Etheostoma	blennioides			Cherokee
4/27/2014	Fish	Slender Madtom	Noturus	exilis			Cherokee
4/27/2014	Fish	Small Mouth Bass	Micropterus	dolomieu			Cherokee
4/27/2014	Fish	Longear Sunfish	Lepomis	megalotis			Cherokee
4/27/2014	Fish	Longnose Gar	Lepisosteus	osseus			Cherokee
4/27/2014	Fish	Black Stripe Topminnow	Fundulus	notatus			Cherokee
4/27/2014	Fish	Orangespotted Sunfish	Lepomis	humilis			Cherokee

	MUST BE IN DECIMAL DEGREES				
DESCRIPTION OF THE AREA OF COLLECTION ACTIVITIES (I.E. WILDLIFE AREA) IF APPLICABLE	LATITUDE <small>MUST BE IN DECIMAL DEGREES</small>	LONGITUDE <small>MUST BE IN DECIMAL DEGREES</small>	GPS ACCURACY (FEET)	IS THIS AN EXACT LOCATION (YES/NO) IF NO, PLEASE BRIEFLY EXPLAIN THE SIZE OF YOUR SAMPLE AREA FROM WHICH YOU TOOK THE GPS READING <small>Example: GPS reading was taken at midpoint of 300 meter survey site on the South Fork Ninnescah River in Kingman County, KS</small>	FINAL DISPOSITION OF SPECIMEN(S) (INCLUDE MUSEUM VOUCHER NUMBERS IF APPLICABLE)
Drawood Creek, Crawford lake Inlet	37.626086	-94.823971	5-10ft	No, but within very close perimeters at same location	Released
Drawood Creek, Crawford lake Inlet	37.626086	-94.823971	5-10ft	No, but within very close perimeters at same location	Released
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Drawood Creek, Crawford lake Inlet	37.626086	-94.823971	5-10ft	No, but within very close perimeters at same location	Released
Crawford Lake Dam	37.646376	-94.810557	5-10ft	No, but within very close perimeters at same location	Released
Crawford Lake Dam	37.646376	-94.810557	5-10ft	No, but within very close perimeters at same location	Released
Crawford Lake Dam	37.646376	-94.810557	5-10ft	No, but within very close perimeters at same location	Released
Crawford Lake Dam	37.646376	-94.810557	5-10ft	No, but within very close perimeters at same location	Released
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Crawford Lake Dam	37.646376	-94.810557	5-10ft	No, but within very close perimeters at same location	Released
Highway 69 Overpass @ Drywood Creek	37.680754	-94.703886	5-10ft	No, but within very close perimeters at same location	Released
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Highway 69 Overpass @ Drywood Creek	37.680754	-94.703886	5-10ft	No, but within very close perimeters at same location	Released
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Released
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Teaching Collection
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Released
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Teaching Collection
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Released
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Released
Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Teaching Collection
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Access at Schermerhorn Park, Galena	37.04485	-94.63992	5-10ft	No, but within very close perimeters at same location	Released
Spring river	37.05613	-94.70204	5-10ft	No, but within very close perimeters at same location	Released
Spring river	37.05613	-94.70204	5-10ft	No, but within very close perimeters at same location	Released
Spring river	37.05613	-94.70204	5-10ft	No, but within very close perimeters at same location	Released

I. Phylogenetic Species List: Ichthyology 2014

Total: 65 Species

Order: Cypriniformes

Family: Catostomidae

Species: *Moxostoma duquesnei*
Hypentelium nigricans

Teaching Collection
Brady Bunton's Collection

Family: Cyprinidae

Species: *Campostoma anomalum*
Campostoma oligolepis
Cyrinella camura
Cyprinella galactura
Cyprinella lutrensis
Cyrinella spiloptera
Cyprinella venusta
Hybopsis dissimilis
Luxilus cardinalis
Luxilus cornutus
Luxilus pilsbryi
Lythrurus umbratilis
Nocomis asper
Nocomis biguttatus
Notropis amblops
Notropis boops
Notropis nubilus
Notropis percobromus
Notropis texanus
Notropis zonatus
Phenacobius mirabilis
Phoxinus erythrogaster
Pimphales notatus
Pimphales promelas
Pimphales vigilax
Semotilus atromaculatus

Brady Bunton's Collection
Teaching Collection
Released
Brady Bunton's Collection
Released
Released
Brady Bunton's Collection
Teaching Collection
Brady Bunton's Collection
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Released
Picture
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Brady Bunton's Collection
Released
Teaching Collection
Brady Bunton's Collection
Released
Released
Released

Order: Siluriformes

Family: Ictaluridae

Species: *Ictalurus punctatus*
Noturus albater
Noturus exilis
Noturus flavus

Picture
Teaching Collection
Brady Bunton's Collection
Released

Order: Salmoniformes
Family: Salmonidae
Species: *Oncorhynchus mykiss*

Teaching Collection

Order: Antheriniformes
Family: Atherinidae
Species: *Labidesthes sicculus*

Teaching Collection

Order: Cyprinodontiformes
Family: Poeciliidae
Species: *Gambusia affinis*

Teaching Collection

Family: Fundulidae
Species: *Fundulus catenatus*
Fundulus notatus
Fundulus olivaceus

Brady Bunton's Collection
Released
Teaching Collection

Order: Perciformes
Family: Centrarchidae
Species: *Lepomis cyanellus*
Lepomis gulosus
Lepomis humilis
Lepomis macrochirus
Lepomis megalotis
Micropterus salmoides
Pomoxis annularis
Pomoxis nigromaculatus

Teaching Collection
Released
Released
Teaching Collection
Teaching Collection
Teaching Collection
Picture
Picture

Family: Lutjanidae
Species: *Lutjanus campechanus*

Teaching Collection

Family: Mornidae
Species: *Morone chrysops*

Picture

Family: Percidae

Species: *Ammycrypta vivax*

Etheostoma blennioides

Etheostoma careuleum

Etheostoma cragini

Etheostoma flabellare

Etheostoma microperca

Etheostoma nigrum

Etheostoma spectabile

Etheostoma zonale

Percina caprodes

Sander vitreus

Picture

Released

Teaching Collection

Picture

Teaching Collection

Picture

Released

Teaching Collection

Teaching Collection

Teaching Collection

Picture

Family: Serranidae

Species: *Perca formosa*

Teaching Collection

Family: Sparidae

Species: *Archosargus probatocephalus*

N/A

Order: Scorpaeniformes

Family: Triglidae

Species: *Prionotus tribulus*

Teaching Collection

Family: Cottidae

Species: *Cottus carolinae*

Cottus hypselurus

Teaching Collection

Brady Bunton's Collection

Missouri

4/12/2014

Center Creek

Old US 66

N 37°04'18.12 W -94° 06' 35.66

Jasper County, MO

Habitat: Stream

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Luxilus cardinalis</i>	Cardinal Shiner	13	Teaching Collection
<i>Lepomis macrochirus</i>	Bluegill	1	Teaching Collection
<i>Etheostoma flabellare</i>	Fantail Darter	3	Teaching Collection
<i>Etheostoma punctulatum</i>	Stippled Darter	10	Teaching Collection
<i>Noturus exilis</i>	Slender Madtom	5	Teaching Collection
<i>Etheostoma microperca</i>	Least Darter	1	Released
<i>Etheostoma cragini</i>	Arkansas Darter	1	Released
<i>Campostoma anomalum</i>	Central Stoneroller	6	Teaching Collection
<i>Etheostoma spectabile</i>	Orangethroat Darter	8	Teaching Collection
<i>Hypentelium nigricans</i>	Northern Hogsucker	2	Teaching Collection
<i>Cottos carolinae</i>	Banded Sculpin	1	Teaching Collection
<i>Morone chrysops</i>	White Bass	1	Dead when found
<i>Notropis nubilus</i>	Ozark Minnow	2	Teaching Collection
<i>Nocomis asper</i>	Red Spot Chub	1	Released
<i>Lepomis cyanellus</i>	Green Sunfish	1	Teaching Collection
<i>Notropis percobromus</i>	Carmine Shiner	4	Teaching Collection

4/12/2014

James River

Off MO 125

N 36.80720, W -93.46265

Stone County, MO

Habitat: River

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Luxilus pilsbryi</i>	Duskystripe Shiner	3	Teaching Collection
<i>Fundulus olivaceus</i>	Blackspotted Topminnow	5	Teaching Collection
<i>Etheostoma spectabile</i>	Orangethroat Darter	5	Teaching Collection
<i>Etheostoma caeruleum</i>	Rainbow Darter	5	Teaching Collection
<i>Campostoma oligolepis</i>	Large Scale Stoneroller	2	Teaching Collection
<i>Campostoma pullum</i>	Central Stoneroller	2	Teaching Collection
<i>Percina caprodes</i>	Logperch	1	Teaching Collection
<i>Noturus albater</i>	Ozark Madtom	3	Teaching Collection
<i>Fundulus catenatus</i>	Northern Studfish	2	Teaching Collection
<i>Etheostoma zonale</i>	Banded Darter	2	Teaching Collection
<i>Phoxinus erythrogaster</i>	Southern Red Bellied Dace	1	Teaching Collection
<i>Notropis nubilus</i>	Ozark Minnow	3	Teaching Collection
<i>Luxilus cornutus</i>	Striped Shiner	2	Teaching Collection

4/12/2014

Beaver Creek

Kissee Mills, MO

N 36.67333, W -93.02072

Taney County, MO

Habitat: Stream

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Micropterus salmoides</i>	Large Mouth Bass	1	Teaching Collection
<i>Percina caprodes</i>	Logperch	4	Teaching Collection
<i>Lepomis macrochirus</i>	Bluegill	2	Teaching Collection
<i>Fundulus catenatus</i>	Northern Studfish	4	Teaching Collection
<i>Lepomis megalotis</i>	Longear Sunfish	6	Teaching Collection
<i>Hybopsis dissimilis</i>	Streamline Chub	1	Teaching Collection
<i>Fundulus olivaceus</i>	Black Spotted Topminnow	2	Teaching Collection
<i>Campostoma pullum</i>	Central Stoneroller	1	Teaching Collection
<i>Etheostoma spectabile</i>	Orangethroat Darter	2	Teaching Collection
<i>Notropis boops</i>	Bigeye Shiner	1	Teaching Collection
<i>Cyprinella galactura</i>	Whitetail Shiner	3	Teaching Collection
<i>Notropis amblops</i>	Big-eye Chub	1	Teaching Collection
<i>Notropis nubilus</i>	Ozark Minnow	1	Teaching Collection

4/12/2014

White River

Sunburst Canoe Ranch

N 36.65482, W -92.22122

Ozark County, MO

Habitat: River

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Oncorhynchus mykiss</i>	Rainbow Trout	4	Teaching Collection
<i>Cottus carolinae</i>	Banded Sculpin	1	Teaching Collection
<i>Nocomis biguttatus</i>	Horney Head Chub	5	Released
<i>Etheostoma caeruleum</i>	Rainbow Darter	1	Teaching Collection
<i>Cottus hypselurus</i>	Ozark Sculpin	6	Teaching Collection
<i>Phoxinus erythrogaster</i>	Red Bellied Dace	1	Teaching Collection
<i>Luxilus pilsbryi</i>	Dusky Stripe Shiner	1	Teaching Collection
<i>Etheostoma punctulatum</i>	Stippled Darter	3	Teaching Collection

4/13/ 2014

Black River

MO 34, Mill Spring

N 36.99232, W -91.01342

Wayne County, MO

Habitat: River

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Ammycrypta vivax</i>	Scaly Sand Darter	1	Released
<i>Gambusia affinis</i>	Mosquito Fish	2	Teaching Collection
<i>Pimphales notatus</i>	Blunt Nose Minnow	4	Teaching Collection
<i>Notropis texanus</i>	Weed Shiner	6	Teaching Collection
<i>Cyprinella venusta</i>	Black Tail Shiner	7	Teaching Collection
<i>Notropis boops</i>	Big Eye Shiner	5	Teaching Collection
<i>Labidesthes sicculus</i>	Brook Silverside	3	Teaching Collection

4/13/2014

Current River

US 60, Van Buren Access

N 36.99232, W - 91.0134

Carter County, MO

Habitat: River

Collectors: Allison Hullinger, Tyler Dubin, Briana Hall, Deann Harreld, Lewis Kellogg, Jared Lytle, Dillon Barton, McKenzie May, Jesse Morland, Thomas Myers, Thomas Westerhaus, Samantha Young, James Triplett

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Fundulus catenatus</i>	Northern Studfish	1	Teaching Collection
<i>Notropis nubilus</i>	Ozark Minnow	2	Teaching Collection
<i>Etheostoma zonale</i>	Banded Darter	1	Teaching Collection
<i>Notropis zonatus</i>	Bleeding Shiner	9	Teaching Collection
<i>Lepomis humilis</i>	Orangespotted Sunfish	1	Teaching Collection
<i>Moxostoma duquesnei</i>	Black Redhorse	1	Teaching Collection
<i>Etheostoma careuleum</i>	Rainbow Darter	1	Teaching Collection
<i>Hypentelium nigricans</i>	Northern Hogsucker	2	Teaching Collection
<i>Cyprinella galactura</i>	White Tailed Shiner	6	Teaching Collection
<i>Nocomis biguttatus</i>	Horney Head Chub	1	Teaching Collection

4/19-4/20 2014

Lower South Grand River

NW Highway K

N 38.453171, W -94.003614

Henry County, MO

Habitat: River

Collector: Brady Bunton

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
White Crappie	(<i>Pomoxis annularis</i>)		Picture
Black Crappie	(<i>Pomoxis nigromaculatus</i>)		Picture
Walleye	(<i>Sander vitreus</i>)		Picture
Channel Catfish	(<i>Ictalurus punctatus</i>)		Picture
White Bass	(<i>Morone chrysops</i>)		Picture

Kansas

4/26/2014

Drywood Creek, Crawford Lake Inlet

60-198 W Lake Rd

Farlington, KS 66734

37.626086, -94.823971

Crawford Co, Ks

Habitat: Creek

Collectors: Jared Lytle, Cheyanne Reynolds, Deann Harreld, Brady Bunton,

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Lepomis gulosus</i>	Warmouth	1	Released
<i>Gambusia affinis</i>	Mosquito Fish	-	Released
<i>Lepomis megalotis</i>	Longear Sunfish	-	Released
<i>Lepomis cyanellus</i>	Green Sunfish	-	Released

4/26/2014

Crawford Lake Dam

Crawford State Park

1 W Lake Rd, Farlington, KS 66734

37.646376, -94.810557

Crawford Co, Ks

Habitat: Creek/water collection area

Collectors: Jared Lytle, Cheyanne Reynolds, Deann Harreld, Brady Bunton,

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Lepomis cyanellus</i>	Green Sunfish	-	Released
<i>Etheostoma flabellare</i>	Fantail Darter	-	Released
<i>Lepomis macrochirus</i>	Bluegill	-	Released
<i>Camptostoma pullum</i>	Central Stoneroller	-	Released
<i>Etheostoma spectabile</i>	Orangethroat Darter	-	Released

4/26/2014

Highway 69 Overpass at Drywood Creek . Drywood, KS

37.680754, -94.703886

Bourbon Co., Ks

Habitat: Creek

Collectors: Jared Lytle, Cheyanne Reynolds, Deann Harreld, Brady Bunton,

Species Collected:

<u>Scientific Name</u>	<u>Common Name</u>	<u>#</u>	<u>Location</u>
<i>Pimephales promelas</i>	Fathead Minnow	-	Released
<i>Cyrinella lutrensis</i>	Red Shiner	-	Released
<i>Cyprinella camura</i>	Bluntface Shiner	-	Released
<i>Phenacobius mirabilis</i>	Suckermouth Minnow	-	Released
<i>Semotilus atromaculatus</i>	Creek Chub	-	Released
<i>Pimephales vigilax</i>	Bullhead Minnow	-	Released
<i>Noturus flavus</i>	Stonecat	-	Released
<i>Noturus exilis</i>	Slender Madtom	-	Released
<i>Etheostoma nigrum</i>	Johnny Darter	-	Released

Missouri Ichthyology field trip Field trip 2014

Common Name	Scientific Name	Date	Number of Specimens	Location (TRS, UTM, or Lat/Long)	County	Site or Stream Name	Specimen Disposition
Northern Studfish	<i>Fundulus catenatus</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Ozark Minnow	<i>Notropis nubilus</i>	4/13/2014	2	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Banded Darter	<i>Etheostoma zonale</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Bleeding Shiner	<i>Notropis zonatus</i>	4/13/2014	9	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Orangespotted Sunfish	<i>Lepomis humilus</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Black Redhorse	<i>Moxostoma duquesnei</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Rainbow Darter	<i>Etheostoma caeruleum</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Northern Hogsucker	<i>Hypentelium nigricans</i>	4/13/2014	2	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
White Tailed Shiner	<i>Cyprinella galactura</i>	4/13/2014	6	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Horney Head Chub	<i>Nocomis biguttatus</i>	4/13/2014	1	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection
Unknown		4/13/2014	2	US 60, Van Buren Access (N 36.99232, W – 91.0134)	Carter	Current River	Teaching Collection

Scaly Sand Darter	<i>Ammycrypta vivax</i>	4/13/2014	1	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Released
Mosquito Fish	<i>Gambusia affinis</i>	4/13/2014	2	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Blunt Nose Minnow	<i>Pimphales notatus</i>	4/13/2014	4	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Weed Shiner	<i>Notropis texanus</i>	4/13/2014	6	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Black Tail Shiner	<i>Cyprinella venusta</i>	4/13/2014	7	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Big Eye Shiner	<i>Notropis boops</i>	4/13/2014	5	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Brook Silverside	<i>Labidesthes sicculus</i>	4/13/2014	3	MO 34, Mill Spring (N 36.99232, W -91.01342)	Wayne	Black River	Teaching Collection
Rainbow Trout	<i>Oncorhynchus mykiss</i>	4/13/2014	4	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Banded Sculpin	<i>Cottus carolinae</i>	4/13/2014	1	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Horney Head Chub	<i>Nocomis biguttatus</i>	4/13/2014	5	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Released
Rainbow Darter	<i>Etheostoma caeruleum</i>	4/13/2014	1	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Ozark Sculpin	<i>Cottus hypselurus</i>	4/13/2014	6	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Red Bellied Dace	<i>Phoxinus erythrogaster</i>	4/13/2014	1	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Dusky Stripe Shiner	<i>Luxilus pilsbryi</i>	4/13/2014	1	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection
Stippled Darter	<i>Etheostoma punctulatum</i>	4/13/2014	3	Sunburst Canoe Ranch (N 36.65482, W -92.22122)	Ozark	White River	Teaching Collection

Large Mouth Bass	<i>Micropterus salmoides</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Logperch	<i>Percina caprodes</i>	4/12/2014	4	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Bluegill	<i>Lepomis macrochirus</i>	4/12/2014	2	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Northern Studfish	<i>Fundulus catenatus</i>	4/12/2014	4	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Longear Sunfish	<i>Lepomis megalotis</i>	4/12/2014	6	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Streamline Chub	<i>Hybopsis dissimilis</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Black Spotted Topminnow	<i>Fundulus olivaceus</i>	4/12/2014	2	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Central Stoneroller	<i>Campostoma pullum</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Orangethroat Darter	<i>Etheostoma spectabile</i>	4/12/2014	2	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Bigeye Shiner	<i>Notopis boops</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Whitetail Shiner	<i>Cyprimella galactura</i>	4/12/2014	3	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Telescope Shiner	<i>Notropis telescopus</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Bigeye Chub	<i>Notropis amblops</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Ozark Minnow	<i>Dionda nubile</i>	4/12/2014	1	Kissee Mills (N 36.67333, W -93.02072)	Taney	Beaver Creek	Teaching Collection
Duskystripe Shiner	<i>Luxilus pilsbryi</i>	4/12/2014	3	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection

Blackspotted Topminnow	<i>Fundulus olivaceus</i>	4/12/2014	5	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Orangethroat Darter	<i>Etheostoma spectabile</i>	4/12/2014	5	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Rainbow Darter	<i>Etheostoma caeruleum</i>	4/12/2014	5	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Large Scale Stoneroller	<i>Campostoma oligolepis</i>	4/12/2014	2	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Central Stoneroller	<i>Campostoma pullum</i>	4/12/2014	2	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Logperch	<i>Percina caprodes</i>	4/12/2014	1	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Ozark Madtom	<i>Noturus albater</i>	4/12/2014	3	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Northern Studfish	<i>Fundulus catenatus</i>	4/12/2014	2	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Banded Darter	<i>Etheostoma zonale</i>	4/12/2014	2	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Southern Red Bellied Dace	<i>Phoxinus erythrogaster</i>	4/12/2014	1	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Ozark Minnow	<i>Notropis nubilus</i>	4/12/2014	3	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Striped Shiner	<i>Luxilus cornutus</i>	4/12/2014	2	MO 125 (N 36.80720, W -93.46265)	Stone	James River	Teaching Collection
Cardinal Shiner	<i>Luxilus cardinalis</i>	4/12/2014	13	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Bluegill	<i>Lepomis macrochirus</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Fantail Darter	<i>Etheostoma flabellare</i>	4/12/2014	3	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection

Stippled Darter	<i>Etheostoma punctulatum</i>	4/12/2014	10	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Slender Madtom	<i>Noturus exilis</i>	4/12/2014	5	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Least Darter	<i>Etheostoma microperca</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Released
Arkansas Darter	<i>Etheostoma cragini</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Released
Central Stoneroller	<i>Camptostoma anomalum</i>	4/12/2014	6	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Orangethroat Darter	<i>Etheostoma spectabile</i>	4/12/2014	8	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Northern Hogsucker	<i>Hypentelium nigricans</i>	4/12/2014	2	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Banded Sculpin	<i>Cottos carolinae</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
White Bass	<i>Morone chrysops</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Dead when found
Ozark Minnow	<i>Notropis nubilus</i>	4/12/2014	2	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Red Spot Chub	<i>Nocomis asper</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Released
Green Sunfish	<i>Lepomis cyanellus</i>	4/12/2014	1	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection
Carmin Shiner	<i>Notropis percobromus</i>	4/12/2014	4	Old US 66 (N37°04'18.12 W94° 06' 35.66)	Jasper	Center Creek	Teaching Collection

*Please refer to instructions on the reverse side. Copy and attach additional sheets as needed.

Kansas 4/26 Crawford State Park 2014

Common Name	Scientific Name	Date	Number of Specimens	Location (TRS, UTM, or Lat/Long)	County	Site or Stream Name	Specimen Disposition
Warmouth	<i>Lepomis gulosus</i>	4/26/2014	1	60-198 W Lake Rd (N 37.626086, W – 94.823971)	Crawford	Drywood Creek	Released
Mosquito Fish	<i>Gambusi affinis</i>	4/26/2014		60-198 W Lake Rd (N 37.626086, W – 94.823971)	Crawford	Drywood Creek	Released
Longear Sunfish	<i>Lepomis megalotis</i>	4/26/2014		60-198 W Lake Rd (N 37.626086, W – 94.823971)	Crawford	Drywood Creek	Released
Green Sunfish	<i>Lepomis cyanellus</i>	4/26/2014		60-198 W Lake Rd (N 37.626086, W – 94.823971)	Crawford	Drywood Creek	Released
Fantail Darter	<i>Etheostoma flabellare</i>	4/26/2014		1 W Lake Road (N 37.646376, W – 94.810557)	Crawford	Crawford Lake Dam	Released
Bluegill	<i>Lepomis macrochirus</i>	4/26/2014		1 W Lake Road (N 37.646376, W – 94.810557)	Crawford	Crawford Lake Dam	Released
Green sunfish	<i>Leopmis cyanellus</i>	4/26/2014		1 W Lake Road (N 37.646376, W – 94.810557)	Crawford	Crawford Lake Dam	Released
Central Stoneroller	<i>Campostoma pullum</i>	4/13/2014		1 W Lake Road (N 37.646376, W – 94.810557)	Crawford	Crawford Lake Dam	Released
Orange throat Darter	<i>Etheostoma spectabile</i>	4/26/2014		1 W Lake Road (N 37.646376, W – 94.810557)	Crawford	Crawford Lake Dam	Released
Fathead Minnow	<i>Pimephales promelas</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Red Shiner	<i>Cyrinella lutrensis</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released

Bluntface Shiner	<i>Cyprinella camura</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Suckermouth Minnow	<i>Phenacobius mirabilis</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Creek Chub	<i>Semotilus atromaculatus</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Bullhead Minnow	<i>Pimephales vigilax</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Stonecat	<i>Noturus flavus</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Slender madtom	<i>Noturus exilis</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released
Johnny Darter	<i>Etheostoma nigrum</i>	4/26/2014		Hwy 60 overpass (N 37.680754, W – 94.703886)	Bourbon	Creek	Released

Red Spot Chub

T+E

Nocomis Asper

Center creek

N37°04'18.12 W94°06'35.66

4/12/2014



Horney Head Chub

Nocomis biguttatus

N 36.65482, W-92.22122

4/13/2014

White River

T+E



Least Darter

Etheostoma microperca

N 37° 04' 18.12 W 94° 06' 35.66

center creek

4/12/2014



Arkansas Darter

Etheostoma cragini

T & E

Center Creek N37°04'18.12 W94°06'35.66 4/12/2014



Scaly sand darter

T+E

Ammocrypta virax

Black River N 36.99232, W-91.0342 4/13/2014



channel Catfish

Ictalurus punctatus



Lower South Grand River

N 38.453171 W -94.003614

4/19/2014 - 4/20/2014

white bass

morone chrysops



Lower South Grand River
N 38.453171 W -94.003614

walleye

Sander vitreus



Lower South Grand River
N 38.453171 W -94.003614

Black crappie
Pomoxis nigromaculatus
~~analepis~~



S Grand River
N 38.453171 W. -94.003614

white crapple

Pomoxis annularis



S Grand River

N 38.453171, W -94.003614