

## I. Phylogenetic Listing

80 species total

### LOCATION

Order: Myliobatiformes

Family: Dasyatidae

- *Dasyatis sabina*

Teaching  
Collection

Order: Clupeiformes

Family: Clupeidae

- *Brevoortia patronus*
- *Dorosoma petenense*
- *Jenkinsia lamprotaenia*

Teaching collection  
~~Teaching~~ MY collection  
Teaching collection

Family: Engraulidae

- *Anchoa mitchilli*

Teaching collection

Order: Siluriformes

Family: Ariidae

- *Ariopsis felis*

Teaching collection

Family: Ictaluridae

- *Moturus exilis*

Released

Order: Aulopiformes

Family: Synodontidae

- *Synodus foetens*

PICTURE & RELEASED

Order: Gadiformes

Family: Merlucciidae

- *Urophycis regia*

TEACHING COLLECTION

Family: Phycidae

- *Urophycis floridana*

TEACHING COLLECTION



I. Phylogenetic Listing

80 species total

LOCATION

TECHNICAL  
COLLECTION

Order: Mallophaga  
Family: Dactylopidae  
Dactylops sabina

Order: Cimiciformes  
Family: Cimicidae

TECHNICAL  
COLLECTION

Family: Cimicidae  
Dactylops sabina  
Dactylops sabina

TECHNICAL  
COLLECTION

Family: Cimicidae  
Dactylops sabina

Order: Siluriformes  
Family: Atherinidae  
Atherinops fells

TECHNICAL  
COLLECTION

Family: Atherinidae  
Atherinops fells

TECHNICAL  
COLLECTION

Order: Atheriniformes  
Family: Atherinidae  
Atherinops fells

TECHNICAL  
COLLECTION

Order: Gadiformes  
Family: Merlucciidae  
Gadus macrocephalus  
Gadus macrocephalus

TECHNICAL  
COLLECTION

TECHNICAL  
COLLECTION



Order: Lepisosteiformes

Family: Lepisosteidae

- *Lepisosteus osseus*

DECEASED

Order: Ophidiiformes

Family: Ophidiidae

- *Lepophidium brevibarbe*
- *Ophidion josephi*

TEACHING COLLECTION

TEACHING COLLECTION

Order: Syngnathiformes

Family: Syngnathidae

- *Hippocampus erectus*

PICTURE & RELEASED

Order: Pleuronectiformes

Family: Achiridae

- *Trineetes maculatus*

TEACHING COLLECTION

Family: Cynoglossidae

- *Symphurus plagiusa*

TEACHING COLLECTION

Family: Paralichthyidae

- *Etropus crossotus*
- *Citharichthys macrops*
- *Syacium papillosum*
- *Paralichthyes lethostigma*
- *Paralichthyes squamulentus*

TEACHING COLLECTION

TEACHING COLLECTION

TEACHING COLLECTION

TEACHING COLLECTION

TEACHING COLLECTION

Order: Atheriniformes

Family: Atherinopsidae

- *Membras martinica*
- *Menidia peninsulae*

TEACHING COLLECTION

MY COLLECTION



Order: Lepidostiformes  
Family: Lepidostichidae  
Lepidostichus ocellatus

Order: Ophidiiformes  
Family: Ophidiidae  
Lepidion lewini  
Lepidion lewini

Order: Squaliiformes  
Family: Squaliidae  
Hippocampus erectus

Order: Pseudoscophiiformes  
Family: Pseudoscophiidae  
Pseudoscophia maculata

Family: Cyprinodontidae  
Gambusia affinis holbrooki

Family: Poeciliidae  
Gambusia affinis holbrooki

Order: Cyprinodontiformes  
Family: Cyprinodontidae  
Gambusia affinis holbrooki  
Gambusia affinis holbrooki  
Gambusia affinis holbrooki  
Gambusia affinis holbrooki

Order: Anabantiformes  
Family: Anabantidae  
Anabantus testudineus  
Anabantus testudineus



Order: Cypriniformes

Family: Cyprinidae

- *Cyprinus Carpio*
- *Notropis nubilus*
- *Notropis percobromus*
- *Cyprinella spiloptera*
- *Pimphales notatus*
- *Campostoma anomalum*
- *Luxilus cardinalis*
- *Pimphales vigilax*

PIC & RELEASED

TEACHING COLLECTION

TEACHING COLLECTION

RELEASED

TEACHING COLLECTION

RELEASED

RELEASED

RELEASED

Order: Mugiliformes

Family: Mugilidae

- *Mugil curema*
- *Mugil cephalus*

TEACHING COLLECTION

TEACHING COLLECTION

Order: Gobiessociformes

Family: Gobiessocidae

- *Gobiesox strumosus*

TEACHING COLLECTION

Order: Tetraodontiformes

Family: Tetraodontidae

- *Sphaetoides parvus*

TEACHING COLLECTION

Order: Scorpaeniformes

Family: Triglidae

- *Prionotus rubro*
- *Prionotus tribulus*

TEACHING COLLECTION

TEACHING COLLECTION



Order: Gobiiformes

Family: Gobiidae

• Gobioides

• Gobioides

• Gobioides

• Gobioides

• Gobioides

• Gobioides

• Gobioides

• Gobioides

Order: Muraeniformes

Family: Muraenidae

• Muraena

• Muraena

Order: Gobiisopterygiformes

Family: Gobiisopterygidae

• Gobiisopterygion

Order: Tetraodoniformes

Family: Tetraodontidae

• Tetraodon

Order: Scorpaeniformes

Family: Scorpaenidae

• Scorpaenopsis

• Scorpaenopsis



## Order: Perciformes

### • Family: Pinguipedidae

- *Diplectrum bivittatum*
- *Perea Formosa*

MY COLLECTION  
TEACHING COLLECTION

### Family: Carangidae

- *Trachurus lathami*

TEACHING COLLECTION

### Family: Sciaenidae

- *Aplodinotus grunniens*
- *Leiostomus xanthurus*
- *Menticirrhus littoralis*
- *Stellifer lanceolatus*
- *Cynoscion arenarius*
- *Menticirrhus americanus*
- *Micropogonias undulatus*
- *Sciaenops ocellatus*

PIC & RELEASED  
MY COLLECTION  
MY COLLECTION  
MY COLLECTION  
TEACHING COLLECTION  
TEACHING COLLECTION  
MY COLLECTION  
RELEASED

### Family: Sparidae

- *Stenotomus caprinus*
- *Lagodon rhomboides*
- *Archosargus probatocephalus*

MY COLLECTION  
TEACHING COLLECTION  
PICTURE

### Family: Eleotridae

- *Dormitator maculatus*

TEACHING COLLECTION

### Family: Gobiidae

- *Genogobius boleosoma*
- *Gobiosoma bosci*

TEACHING COLLECTION  
TEACHING COLLECTION

### Family: Sphyraenidae

- *Sphyraena guachancho*

PIC & RELEASED



Family: Sphaerocarpidae  
P. Sphaerocarpus

Family: Gobiidae  
Gobiosoma boscii  
Gobiosoma boscianus

Family: Eleotridae  
Pommatocera maculata

Family: Serranidae  
Pseudocoryphobrycon  
Coryphobrycon  
Serranus

Family: Cichlidae  
Cichlasoma  
Cichlasoma  
Cichlasoma

Family: Sciaenidae  
Stellifer lanceolatus  
Menticirrhus littoralis  
Leiostomus xanthurus  
Heterostichus rostratus

Family: Cyprinidae  
Leuciscus leuciscus

Order: Perciformes  
Family: Pimphletidae  
Pimphletus  
Pimphletus



Family: Lutjanidae

- *Lutjanus campechanus* TEACHING COLLECTION

Family: Stromateidae

- *Peprilus burti* TEACHING COLLECTION

Family: Trichiuridae

- *Trichurus lepturus* TEACHING COLLECTION

Family: Scombridae

- *Thunnus atlanticus* DECEASED
- *Scomberomorus maculatus* DECEASED

Family: Moronidae

- *Morone saxatilis* PIC & RELEASED

Family: Centrarchidae

- *Lepomis macrochirus* PIC & RELEASED
- *Micropterus salmoides* PIC & RELEASED
- *Lepomis humilis* RELEASED
- *Micropterus dolomieu* RELEASED
- *Lepomis megalotis* RELEASED

Family: ~~PERCIFORMES~~ Percidae

- *Etheostoma spectabile* RELEASED
- *Etheostoma zonale* RELEASED
- *Percina caprodes* RELEASED
- *Etheostoma nigrum* RELEASED
- *Etheostoma blennioides* RELEASED

Family: Serranidae

- *Centropomus philadelphicus* MY COLLECTION



Family: Liliaceae

• Liliaceae

Family: Asteraceae

• Asteraceae

Family: Toxicaceae

• Toxicaceae

Family: Ranunculaceae

• Ranunculaceae

Family: Moraceae

• Moraceae

Family: Convolvulaceae

• Convolvulaceae

• Convolvulaceae

• Convolvulaceae

• Convolvulaceae

• Convolvulaceae

Family: Ranunculaceae

• Ranunculaceae

• Ranunculaceae

• Ranunculaceae

• Ranunculaceae

• Ranunculaceae

Family: Ranunculaceae

• Ranunculaceae



Order: Cyprinodontiformes

Family: Cyprinodontidae

- *Cyprinodon variegatus*

MY COLLECTION

Family: Fundulidae

- *Fundulus majalis*
- *Fundulus grandis*
- *Fundulus pulvereus*
- *Lucania parva*
- *Adinia xenica*
- *Fundulus notatus*

TEACHING collection

TEACHING collection

TEACHING collection

TEACHING collection

teaching collection

RELEASED

Family: Poeciliidae

- *Poecilia latipinna*
- *Gambusia affinis*

TEACHING COLLECTION

TEACHING collection



Order: Cyclophoridae

Family: Cyclophoridae

- Cyclophorus ventriosus

Family: Funariidae

- Funaria hygrometrica

- Funaria hygrometrica

- Funaria hygrometrica

- Funaria hygrometrica

- Funaria hygrometrica

- Funaria hygrometrica

Family: Pottiaceae

- Pottia lachrymans

- Pottia lachrymans



## II. Chronological Description

• March 17, 2014

- Dauphin Island, Alabama; Mobile County

• Billy Goat hole Ramp

• 30.27206 N, 88.08156 W

- Habitat: Boat ramp, docks, shallow water, sandy beach, nighttime

- Collectors: Ichthyology students

### Species Collected

### # of species

• <u>Urophycis</u> <u>regis</u> (Spotted Hake)	1
• <u>Otenogobius</u> <u>boleosoma</u> (Darter Gobi)	1
• <u>Membras</u> <u>martinica</u> (Rough Silverside)	1
• <u>Menidia</u> <u>peninsulae</u> (Tidewater Silverside)	4
• <u>Poecilia</u> <u>latipinna</u> (Sailfin Molly)	4
• <u>Mugil</u> <u>cephalus</u> (Striped Mullet)	43
• <u>Mugil</u> <u>curona</u> (White Mullet)	43
• <u>Leiostomus</u> <u>xanthurus</u> (Spotted Croaker)	24
• <u>Cyprinodon</u> <u>variegatus</u> (Sheepshead Minnow)	1
• <u>Urophycis</u> <u>floridana</u> (Southern Hake)	2
• <u>Lepophidium</u> <u>pheromystax</u> (Blackedge Cuskeel)	4
• <u>Fundulus</u> <u>grandis</u> (Gulf Killifish)	1
• <u>Trachurus</u> <u>lathami</u> (Rough Scad)	1
• <u>Brevoortia</u> <u>patronus</u> (Gulf Menhaden)	19

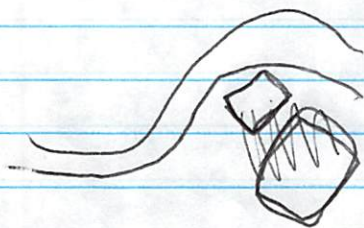


## II. Chronological Description

- March 17, 2014
- Daphnia Island, Alabama; Mobile County
- Bill Goot Not ISAMP
- 30.2250° N, 88.0812° W
- Habitat: Boat ramp, docks, shallow water
- Species: *Ichthyophaga stans*

### Species Collected

- | # of species | Species  |
|--------------|--|
| 1            | <i>Urophycis regia</i> (Spotted Hare)              |
| 1            | <i>Stenodopos porosoma</i> (Darter eel)            |
| 1            | <i>Neurobras martinica</i> (Sandy Silverfish)      |
| 4            | <i>Melania benicuae</i> (Tide water Silverfish)    |
| 4            | <i>Poecilia latipinna</i> (Sailfin Mollie)         |
| 43           | <i>Mugil cephalus</i> (Striped Mullet)             |
| 43           | <i>Mugil curema</i> (White Mullet)                 |
| 24           | <i>Leiostomus xanthurus</i> (Spotted Croaker)      |
| 1            | <i>Cynoscion nebulosus</i> (Spotted Weakfish)      |
| 2            | <i>Urophycis floridana</i> (Spartan Hare)          |
| 4            | <i>Leopoldina brevirostris</i> (Blackhead Croaker) |
| 1            | <i>Trachurus dorsalis</i> (Gulf Killifish)         |
| 1            | <i>Trachurus latissimus</i> (Sandy eel)            |
| 14           | <i>Brevoortia patronus</i> (Gulf Menhaden)         |





- March 18, 2014
- Dauphin Island, Alabama; Mobile County
  - Ocean Trawl
  - 30.257584 N, -88.069925 W
- Habitat: Gulf waters, open channels, deep water
- Collectors: Ichthyology students

### Species Collected

### # of species

• <u>Ariopsis felis</u> (Hardhead Catfish)	6
• <u>Menticirrhus littoralis</u> (Gulf Kingfish)	1
• <u>Lutjanus campechanus</u> (Reef Snapper)	1
• <u>Prionotus rubro</u> (Blackwing Sea Robin)	5
• <u>Trichiurus lepturus</u> (Atlantic Cutlass Fish)	1
• <u>Sphaeroides parvus</u> (Least Puffer)	4
• <u>Stellifer laeolatus</u> (Star Drum)	1
• <u>Cynoscion arenarius</u> (Sand Sea Trout)	10
• <u>Peprilus triacanthus</u> (Gulf Butterfish)	5
• <u>Diplectrum bivittatum</u> (Dwarf Sand Perch)	8
• <u>Menticirrhus americanus</u> (Southern Kingfish)	2
• <u>Prionotus tribulus</u> (Bighead Sea Robin)	1
• <u>Etropus crossotus</u> (Fringed Flounder)	5
• <u>Citharichthys macrops</u> (Spotted Whiff)	2
• <u>Syacium papillosum</u> (Deskly Flander)	4
• <u>Diplectrum formosum</u> (Sand Perch)	8
• <u>Anchoa mitchilli</u> (Bay Anchovy)	19
• <u>Sternotomus caprinus</u> (Long Spine Porgy)	6
• <u>Dasyatis sabina</u> (Atlantic Stingray)	1
• <u>Micropogonias undulatus</u> (Atlantic Croaker)	1
• <u>Trinectes maculatus</u> (Hogchoker)	1
• <u>Lagodon rhomboides</u> (Pin Fish)	1
• <u>Dorosoma pretenense</u> (Threafin Shad)	8



March 18, 2014

Dunham Island, Alabama; Mobile County  
Ocean Trawl

30.2258° N, 88.0442° W

Habitat: Gulf waters, open channel, deep water  
Collectors: Ichthyology students

Species collected

1	<i>Argopecten</i> (Hardhead Crab)
1	<i>Mentichorus littoralis</i> (Gulf Crab)
1	<i>Callinectes sapidus</i> (Blue Crab)
2	<i>Procambarus clarkii</i> (Black Swamp Crab)
1	<i>Thalassidroma</i> (Atlantic Crab)
4	<i>Stomatopoda</i> (Crustaceans)
1	<i>Stomatopoda</i> (Crustaceans)
10	<i>Callinectes sapidus</i> (Blue Crab)
2	<i>Callinectes sapidus</i> (Blue Crab)
8	<i>Dipodomys deserti</i> (Desert Rat)
2	<i>Micromys</i> (Crustaceans)
1	<i>Procambarus clarkii</i> (Black Swamp Crab)
2	<i>Procambarus clarkii</i> (Black Swamp Crab)
2	<i>Callinectes sapidus</i> (Blue Crab)
2	<i>Callinectes sapidus</i> (Blue Crab)
4	<i>Callinectes sapidus</i> (Blue Crab)
8	<i>Callinectes sapidus</i> (Blue Crab)
10	<i>Callinectes sapidus</i> (Blue Crab)
2	<i>Callinectes sapidus</i> (Blue Crab)
1	<i>Callinectes sapidus</i> (Blue Crab)
1	<i>Callinectes sapidus</i> (Blue Crab)
1	<i>Callinectes sapidus</i> (Blue Crab)
8	<i>Callinectes sapidus</i> (Blue Crab)



- Ophidion josephi (Crested Cuskeel) 1
- Urophycis regia (Spotted Hake) 5
- Merluccius australis (Southern Hake) 3
- Archosargus probatocephalus (Sheepshead) photograph
- Synodus foetens (Inshore Lizardfish) photograph
- Hippocampus erectus (Lined Seahorse) photograph
- Sphyræna guachancho (Guaguanche) photograph
- Centropristis philadelphica (Rock Sea Bass) 5



- Opinion Joseph (Crested Curlew)
- Urophysalis (Spotted Hawk)
- Merula (American Hawk)
- Archaeopteryx (Archaeopteryx)
- Subclass (Archaeopteryx)
- Hibiscus (Archaeopteryx)
- Sphenoceras (Archaeopteryx)
- Gastrophilus (Archaeopteryx)



• March 19, 2014

- Dauphin Island, Alabama; Mobile County
  - Campsite Beach
  - 30.246176 N, -88.082806 W
- Habitat: shallow water, tree stumps, sand, gulf, waves
- Collectors: Ichthyology students

Species collected

# of species

- |  |   |
|--|---|
| • <u>Mugil cephalus</u> (Striped mullet)             | 9 |
| • <u>Peprilus burti</u> (Gulf Butterfish)            | 3 |
| • <u>Menticirrhus littoralis</u> (Gulf Kingfish)     | 1 |
| • <u>Anchoa mitchilli</u> (Bay Anchovy)              | 1 |
| • <u>Paralichthys lethostigma</u> (Southern Flander) | 2 |
| • <u>Gobiosox strumosus</u> (Skillet Fish)           | 1 |

- Billy Goathole Ramp
  - 30.27206 N, -88.08156 W
- Habitat: Boatramp, docks, shallow water, sand, clay
- Collectors: Ichthyology class

- |  |            |
|--|------------|
| • <u>Thunnus atlanticus</u> (Black Fin Tuna)       | photograph |
| • <u>Gobiosox strumosus</u> (Skillet Fish)         | 1          |
| • <u>Ctenogobius boleosoma</u> (Parter eoby)       | 7          |
| • <u>Fundulus pulvereus</u> (Bayou Killifish)      | 1          |
| • <u>Adinia xenia</u> (Diamond Killifish)          | 3          |
| • <u>Menidia peninsulae</u> (Tidewater Silverside) | 2          |
| • <u>Fundulus grandis</u> (Gulf Killifish)         | 2          |



March 19, 2014

- Dumbo Island, Alderney, Channel Islands  
- Cambridge Beach

30.5300 N, 88.0812 W

- Habitat: shallow water, free standing sand, drift, waves  
- Collector: Ichthyology students

# of species

Species collected

- 1 *Gobiosoma strimmarum* (Silverfish)
- 2 *Paralichthys lethostigma* (Southern Flounder)
- 1 *Anchoa mitchilli* (Barn Anchovy)
- 1 *Menticirrhus littoralis* (Gulf Kingfisher)
- 3 *Pagrus auratus* (Gulf Butterfish)
- 4 *Morone chrysops* (Striped Mullet)

Bill's Excavator Bump

30.5300 N, 88.0812 W

- Habitat: Burrowing clams, shallow water, sand, drift  
- Collector: Ichthyology class

- 1 *Tautoga onitis* (Black-Fin Tuna)
- 1 *Gobiosoma strimmarum* (Silverfish)
- 1 *Chirocentrus pictus* (Dwarf Goby)
- 1 *Fundulus heteroclitus* (Barn Killifish)
- 3 *Aplisa kela* (Diamond Killifish)
- 2 *Menticirrhus littoralis* (Gulf Kingfisher)
- 2 *Fundulus heteroclitus* (Barn Killifish)



• Airport Marsh

• 30.27206 N, -88.12998 W

- Habitat: Marsh, thick mud bottoms, tall grass

- collectors: Ichthyology class

Species Collected

# of species

• <u>Cyprinodon variegatus</u> (Sheepshead Minnow)	10
• <u>Mugil curema</u> (White Mullet)	11
• <u>Leiostomus xanthurus</u> (Spot croaker)	11
• <u>Lucania parva</u> (Rainwater Killifish)	1
• <u>Jenkinsia lamprotaenia</u> (Dwarf herring)	-
• <u>Fundulus majahs</u> (Striped Killifish)	3

• Tidal Ditch

• 30.27206 N, -88.08156 W

- Habitat: Roadside, drainage water, grass in ditch

- collectors: Ichthyology class

• <u>Poecilia latipinna</u> (Sailfin Molly)	6
• <u>Parachanna maculatus</u> (Fat Sleeper)	1



- Airport Marsh  
 - 30.5250° N, 88.1250° W  
 - Habitat: Marsh, thick mud bottom, tall grass  
 - collectors: Ichthyology class

# 07290022

Species collected

- 10. *Cratichneumon variator* (Shepherd) (Worm)
- 11. *Microgaster* (White) (Worm)
- 11. *Leptocryptus* (2004) (Worm)
- 1. *Microgaster* (Worm)
- 1. *Leptocryptus* (Worm)
- 3. *Leptocryptus* (Worm)

- Tidal Ditch  
 - 30.5250° N, 88.0812° W  
 - Habitat: Barren, grassy, open water, class in ditch  
 - collectors: Ichthyology class

- 1. *Parasitoid* (Worm)
- 1. *Parasitoid* (Worm)



- March 20, 2014
- Dauphin Island, Alabama; Mobile County
- Lagoon Park Launch
- 30.255143 N, -87.715166 W
- Habitat: Docks, park, sparse trees, sandy bottoms
- Collectors: Ichthyology class

<u>Species collected</u>	<u># of species</u>
--------------------------	---------------------

- |  |   |
|--|---|
| • <u>Lagodon rhomboides</u> (Pinfish)                | 4 |
| • <u>Ctenogobius boleosoma</u> (Darter Goby)         | 6 |
| • <u>Menidia peninsulae</u> (Tidewater Silverside)   | 1 |
| • <u>Anchoa hutchilli</u> (Bay Anchovy)              | 1 |
| • <u>Gobiosoma boscii</u> (Naked Goby)               | 4 |
| • <u>Symphurus plagiatus</u> (Blackcheek Tonguefish) | 1 |

- Osway
- 30.322711 N, 88.135942 W
- Habitat: Park, murky marsh, rock side, Gulfwater
- Collectors: Ichthyology class

- |   |   |
|---|---|
| • <u>Paralichthys lethostigma</u> (Southern Flounder) | 1 |
| • <u>Mugil cephalus</u> (Striped Mullet)              | 1 |
| • <u>Paralichthys squamulentus</u> (Broad Flounder)   | 1 |







### Tidal Ditch

- 30.27206 N, 88.08156 W
- Habitat: Roadside, drainage water, grass in ditch
- Collectors: Ichthyology class

#### Species collected

#### # of species

- *Gambusia affinis* (Mosquito Fish)

1

### Billy Goat hole Ramp

- 30.27206 N, 88.08156 W
- Habitat: Boat ramp, docks, shallow water, sand
- Collectors: Ichthyology Class

#### Species collected

#### # of species

- *Sciaenops ocellatus* (Spanish Mackerel) photograph
- *Sciaenops ocellatus* (Red Drum) photograph



Tidal Ditch

- 30.2320 N, 88.0812 W
- Habitat: Mangrove, grassy, dense in places
- Collector: Ichthyology class

Species collected

• Gammarus affinis (Middellburg)

# of species

1

Bill's Boat Hole Marsh

- 30.2320 N, 88.0812 W
- Habitat: Boat ramp, dock, grassy marsh
- Collector: Ichthyology class

Species collected

# of species

• Gammarus affinis (Middellburg)

• Gammarus affinis (Middellburg)



April 19, 2014

- Humboldt, Kansas; Allen County
- Family Quarry
- 37.826693 N, -95.424939 W
- Habitat: mined quarry, 10 ft deep, surrounding woods
- Collectors: Valerie Weilert

species collected

# of species

- |   |   |
|---|---|
| • <u>Morone saxatilis</u> (Striped Bass)          | 1 |
| • <u>Micropterus salmoides</u> (Large Mouth Bass) | 1 |
| • <u>Lepomis macrochirus</u> (Bluegill)           | 1 |

April 20, 2014

- Humboldt, Kansas; Allen County
- Neosho River
- 37.810206 N, -95.448194 W
- Habitat: under bridge, flowing, surrounding vegetation
- Collectors: Valerie Weilert

species collected

# of species

- |   |   |
|---|---|
| <del>Apr</del> • <u>Aplodinotus grunniens</u> (Freshwater Drum) | 1 |
| • <u>Cyprinus carpio</u> (Common Carp)                          | 1 |



April 19, 2014

Hammock, Kousas; Allen County

Fanning Quarry

W 82.85 N - 28.5 W

Habitat: mixed woods, 10 ft deep, surrounding woods

Collectors: Valerie Wright

Species collected

# of species

*Phanerozoaria* (Strided Bass)

1

*Microbrya* (Strided Bass)

1

*Lebanis macrodon* (Bingill)

1

April 20, 2014

Hammock, Kousas; Allen County

W 82.85 N - 28.5 W

Habitat: Under bridge, 10 ft deep, surrounding woods

Collectors: Valerie Wright

Species collected

# of species

*Phanerozoaria* (Strided Bass)

1

*Lebanis macrodon* (Bingill)

1



April 27, 2014

- Schermerhorn Park Galena, KS
- 37.04485 N, -94.63992 W
- Cherokee County

Habitat: Stream

collectors: Samantha Young, Balsem Alessi,  
Thomas Westerhaus, Logan Vanoverschelde,  
Deann Herrald, Stephanie Reynolds,  
Valerie Wierert, James Triplett

### Species Collected

### # of Species

- |  |                     |
|--|---------------------|
| • <u>Etheostoma spectabile</u> (Orangethroated Darter) | released            |
| • <u>Notropis rubilus</u> (Ozark Minnow)               | teaching collection |
| • <u>Etheostoma zonale</u> (Banded Darter)             | released            |
| • <u>Notropis percaebrius</u> (Carmine shiner)         | teaching collection |
| • <u>Perca caprodes</u> (Logperch)                     | released            |
| • <u>Cyprinella spiloptera</u> (Spotfin Shiner)        | released            |
| • <u>Pimphales notatus</u> (Bluntnose minnow)          | teaching collection |
| • <u>Campestris anomalum</u> (Central Stoneroller)     | released            |
| • <u>Luxilus cardinalis</u> (Cardinal Shiner)          | released            |
| • <u>Pimphales vigilax</u> (Bullhead Minnow)           | released            |
| • <u>Etheostoma nigrum</u> (Johnny Darter)             | released            |
| • <u>Etheostoma blennioides</u> (Greenside Darter)     | released            |
| • <u>Noturus exilis</u> (Slender Madtom)               | released            |
| • <u>Micropterus dolomieu</u> (Smallmouth Bass)        | released            |
| • <u>Lepomis megalotis</u> (Longear Sunfish)           | released            |







Spring River Cherokee County, KS

• 37.06613 N, -94.70204 W

Habitat: Dammed river, below hydroelectric plant

Collectors: Samantha Young, Balsam Aleassa,  
Thomas Westerkhaus, Loren Vanovereschelde,  
Deann Herald, Stephanie Reynolds,  
Valerie Weibert, James Triplett

Species collected

# of spp.

• Lepisosteus osseus (Longnose Eel) (3) deceased

• Fundulus notatus (Black Stripe Topminnow) 1 released

• Lepomis humilis (Orangespotted Sunfish) released







### III. Trips by State

Dauphin Island, Alabama - 58 Species

- Atlantic Stingray (Dasyatis sabina)
- Gulf Menhaden (Brevoortia patronus)
- Threadfin Shad (Dorosoma petenense)
- Dwarf Herring (Jenkinsia lamprotaenia)
- Bay Anchovy (Anchoa mitchilli)
- Hardhead Catfish (Ariopsis felis)
- Inshore Lizardfish (Synodus foetens)
- Spotted Hake (Urophycis regia)
- Southern Hake (Urophycis floridana)
- Blackedge Cuskeel (Lepophidium brevibarbe)
- Crested Cuskeel (Ophidion josephi)
- Lined Seahorse (Hippocampus erectus)
- Hogchoker (Trinectes maculatus)
- Blackcheek Tongue Fish (Symphurus plagiusa)
- Fringed Flounder (Etropus crossotus)
- Spotted Whiff (Citharichthys macrops)
- Dusky Flounder (Syacium papillosum)
- Southern Flounder (Paralichthys lethostigma)
- Broad Flounder (Paralichthys squamilentus)
- Rough Silverside (Membras martinica)
- Tidewater Silverside (Menidia peninsulae)
- Sheephead Minnow (Cyprinodon variegatus)
- Gulf Killifish (Fundulus grandis)
- Bayou Killifish (Fundulus pulvereus)
- Diamond Killifish (Adinia xenica)
- Rainwater Killifish (Lucania parva)
- Striped Killifish (Fundulus majalis)
- Sailfin Molly (Poecilia latipinna)
- Mosquito Fish (Gambusia affinis)



# III. Fish of State

Danphin Island, Alabama - 27 species

- Atlantic Sandray (*Dasyatis sabina*)
- Gulf Menhaden (*Brevoortia patronus*)
- Threadfin Shad (*Dorosoma petenense*)
- Dwarf Herring (*Umbra limbatirostris*)
- Bay Anchovy (*Anchoa mitchilli*)
- Hardhead Catfish (*Ariopsis felis*)
- Tidewater Cunner (*Parophrys reticulatus*)
- Spotted Hawk (*Urophycis regia*)
- Southern Hawk (*Urophycis floridana*)
- Blackbelly Cunner (*Leptochirus brevipinnis*)
- Cuckoo Cunner (*Opichthys jayakari*)
- Wreck Scavenger (*Hippo carinus erectus*)
- Hopknocker (*Trinectes maculatus*)
- Black-chest Tautog Fish (*Symphurus plagiatus*)
- Flounder (*Paralichthys oblongus*)
- Spotted Wolff (*Paralichthys maculatus*)
- Green Flounder (*Paralichthys americanus*)
- Southern Flounder (*Paralichthys lethostigma*)
- Broad Flounder (*Paralichthys squalimaculatus*)
- Lady Silverside (*Menidia menidia*)
- Tidewater Silverside (*Menidia beryllina*)
- Sheepshead Wren (*Upeneichthys lineatus*)
- Gulf Killifish (*Fundulus grandis*)
- Bay Killifish (*Fundulus heteroclitus*)
- Dwarf Killifish (*Fundulus luciae*)
- Rainwater Killifish (*Fundulus luciae*)
- Striped Killifish (*Fundulus majalis*)
- Saltwater Moll (*Coelocilia latipinna*)
- Mudsucker Fish (*Amphiprion*)



- White Mullet (Mugil curema)
- Striped Mullet (Mugil cephalus)
- Skillet Fish (Gobiosox strumosus)
- Least Puffer (Sphoeroides parvus)
- Blackwing Sea Robin (Prionotus rubio)
- Bighead Sea Robin (Prionotus tribulus)
- Rough Scad (Trachurus lathami)
- Red Snapper (Lutjanus campechanus)
- Dwarf Sand Perch (Diplectrum bivittatum)
- Sand Perch (Perca formosa)
- Spot (Leiostomus xanthurus)
- Gulf Kingfish (Menticirrhus littoralis)
- Star Drum (Stellifer lanceolatus)
- Sand Sea Trout (Cynoscion arenarius)
- Southern Kingfish (Menticirrhus americanus)
- Atlantic Croaker (Micropogonias undulatus)
- Red Drum (Sciaenops ocellatus)
- Long Spine Porgy (Stenotomus caprinus)
- Pinfish (Lagodon rhomboides)
- Sheepshead (Archosargus probatocephalus)
- Fat Sleeper (Dormitator maculatus)
- Darter Goby (Ctenogobius boleosoma)
- Naked Goby (Gobiosoma boscii)
- Guaguanche (Sphyræna guachancho)
- Gulf Butterfish (Peprilus burri)
- Atlantic Cutlass Fish (Trichiurus lepturus)
- Black-fin Tuna (Thunnus atlanticus)
- Spanish Mackerel (Scomberomorus maculatus)
- Rock Sea Bass (Centropristis philadelphica)



- Rock Sea Bass (*Centropristis striata*)
- Spanish Mackerel (*Scomberomorus maculatus*)
- Black-Fin Tuna (*Thunnus atlanticus*)
- Atlantic Cutlass Fish (*Trichiurus leptocephalus*)
- Gulf Butterfish (*Peprilus triacanthus*)
- Gadomus (*Sphyrna tiburo*)
- Naked Goby (*Gobiosoma boscii*)
- Darter Goby (*Gobiodon holbrooki*)
- Fat Sleeper (*Paralichthys oblongus*)
- Shearhead (*Stenotomus chrysops*)
- Pinfish (*Lagodon rhomboides*)
- Sand Spine Porgy (*Stenotomus coelestis*)
- Red Drum (*Sciaenops ocellatus*)
- Atlantic Croaker (*Micropogonias undulatus*)
- Southern Kingfisher (*Megascops asio*)
- Sand Sea Trout (*Cynoscion arenarius*)
- Star Drum (*Stellifer lanceolatus*)
- Gulf Kingfisher (*Megascops asio*)
- Spot (*Leiostomus xanthurus*)
- Sand Porgy (*Sciaenops ocellatus*)
- Thwart Sand Porgy (*Diglossidactylus*)
- Red Snapper (*Lutjanus campechanus*)
- Grouper (*Epinephelus*)
- Striped Sea Robin (*Paripatus tripterus*)
- Blackwinged Sea Robin (*Paripatus ruber*)
- Least Puffer (*Spheropterus*)
- Striped Puffer (*Spheropterus*)
- Striped Mullet (*Mugil cephalus*)
- White Mullet (*Mugil curema*)



Humboldt, Kansas

- 5 species

- Freshwater Drum (Aplodinotus grunniens)
- Striped Bass (Morone saxatilis)
- Bluegill (Lepomis macrochirus)
- Common carp (Cyprinus carpio)
- Large mouth Bass (Micropterus salmoides)



Humboldt, Kansas - 2 species

• Freshwater Drum (Aplodinotus grunniens)

• Striped Bass (Morone saxatilis)

• Bluegill (Lepomis macrochirus)

• Common Carp (Cyprinus carpio)

• Large Mouth Bass (Micropterus salmoides)



Galena & Riverton, Kansas -

18 Species

- Orangethroated Darter (Etheostoma spectabile)
- Ozark minnow (Notropis nubilus)
- Banded Darter (Etheostoma zonale)
- Carmine Shiner (Notropis percbromus)
- Log perch (Percina caprodes)
- Spottin Shiner (Cyprinella spiloptera)
- Bluntnose minnow (Pimphales notatus)
- Central Stoneroller (Camptostoma anomalum)
- Cardinal Shiner (Luxilus cardinalis)
- Bullhead minnow (Pimphales vigilax)
- Johnny Darter (Etheostoma nigrum)
- Greenside Darter (Etheostoma blennioides)
- Slender Madtom (Noturus exilis)
- Small Mouth Bass (Micropterus dolomieu)
- Longear sunfish (Lepomis megalotis)
- Longnose Gar (Lepisosteus osseus)
- Black Stripe Topminnow (Fundulus notatus)
- Orange Spotted Sunfish (Lepomis humilis)



California & Riverston Kansas	-	81	2913592
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## **IV. Photographs**

### **Alabama**

- 1) Inshore Lizardfish
- 2) Lined Seahorse
- 3) Guaguanche
- 4) Sheepshead
- 5) Blackfin Tuna
- 6) Spanish Mackerel
- 7) Red Drum

### **Kansas**

- 1) Freshwater Drum
- 2) Common Carp
- 3) Bluegill
- 4) Striped Bass
- 5) Largemouth Bass



## Alabama

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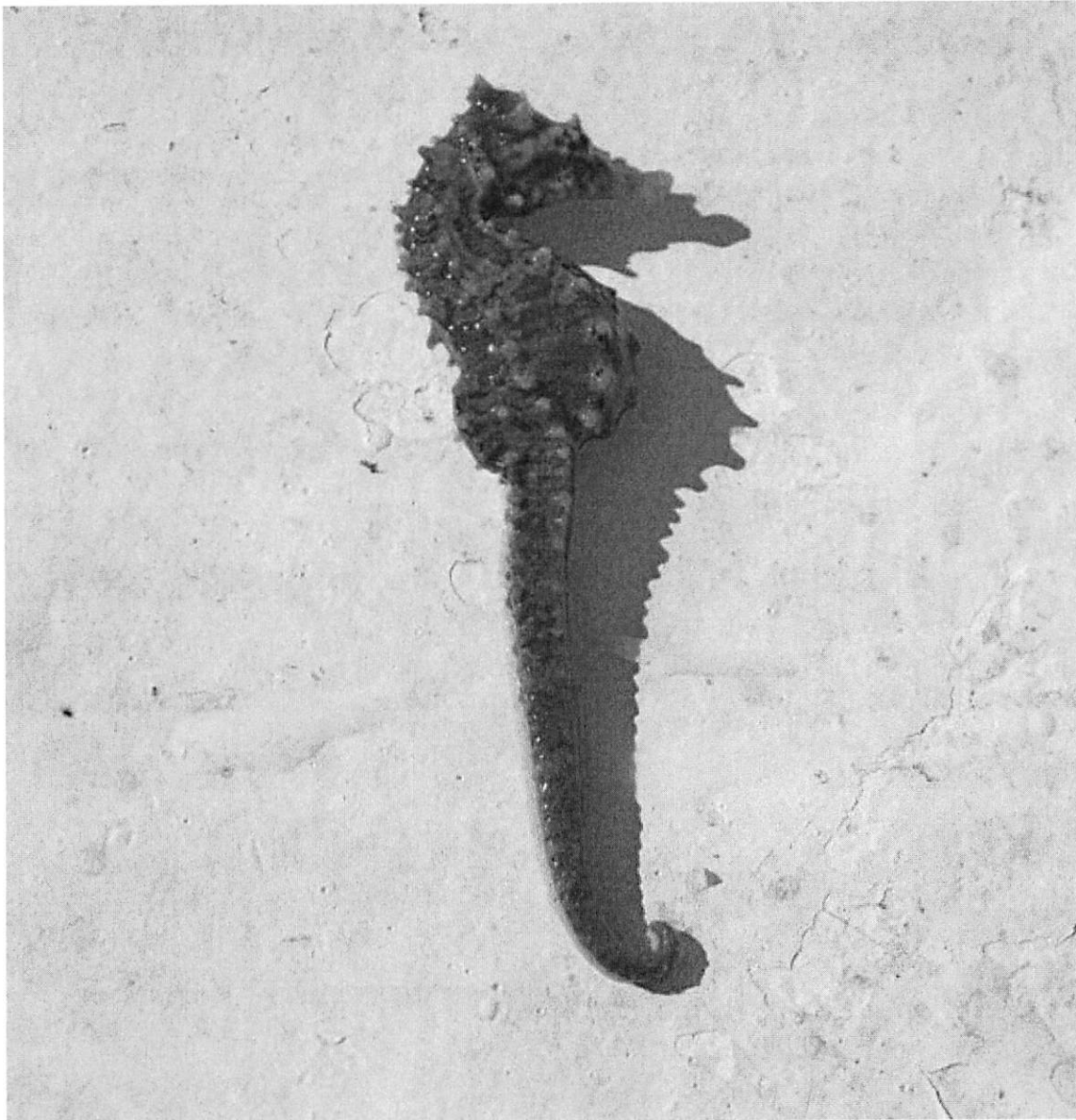
**Inshore Lizardfish** (*Synodus foetens*)

Alabama, Mobile County

Ocean Trawl

March 18, 2014





**Lined Seahorse** (*Hippocampus erectus*)

Alabama, Mobile County

Ocean Trawl

March 18, 2014





**Black Fin Tuna** (*Thunnus atlanticus*)

Alabama, Mobile County

Billy Goat Ramp

March 19, 2014





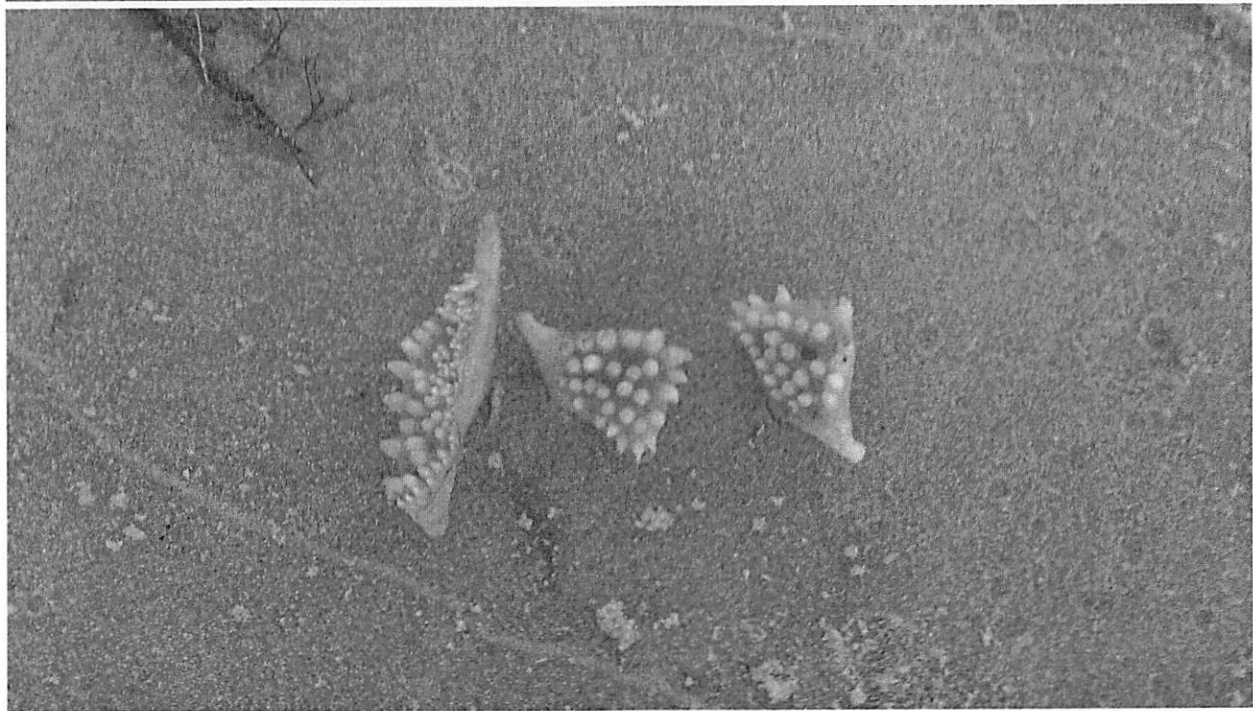
**Spanish Mackerel** (*Scomberomorus maculatus* )

Alabama, Mobile County

Billy Goat Ramp

March 20, 2014





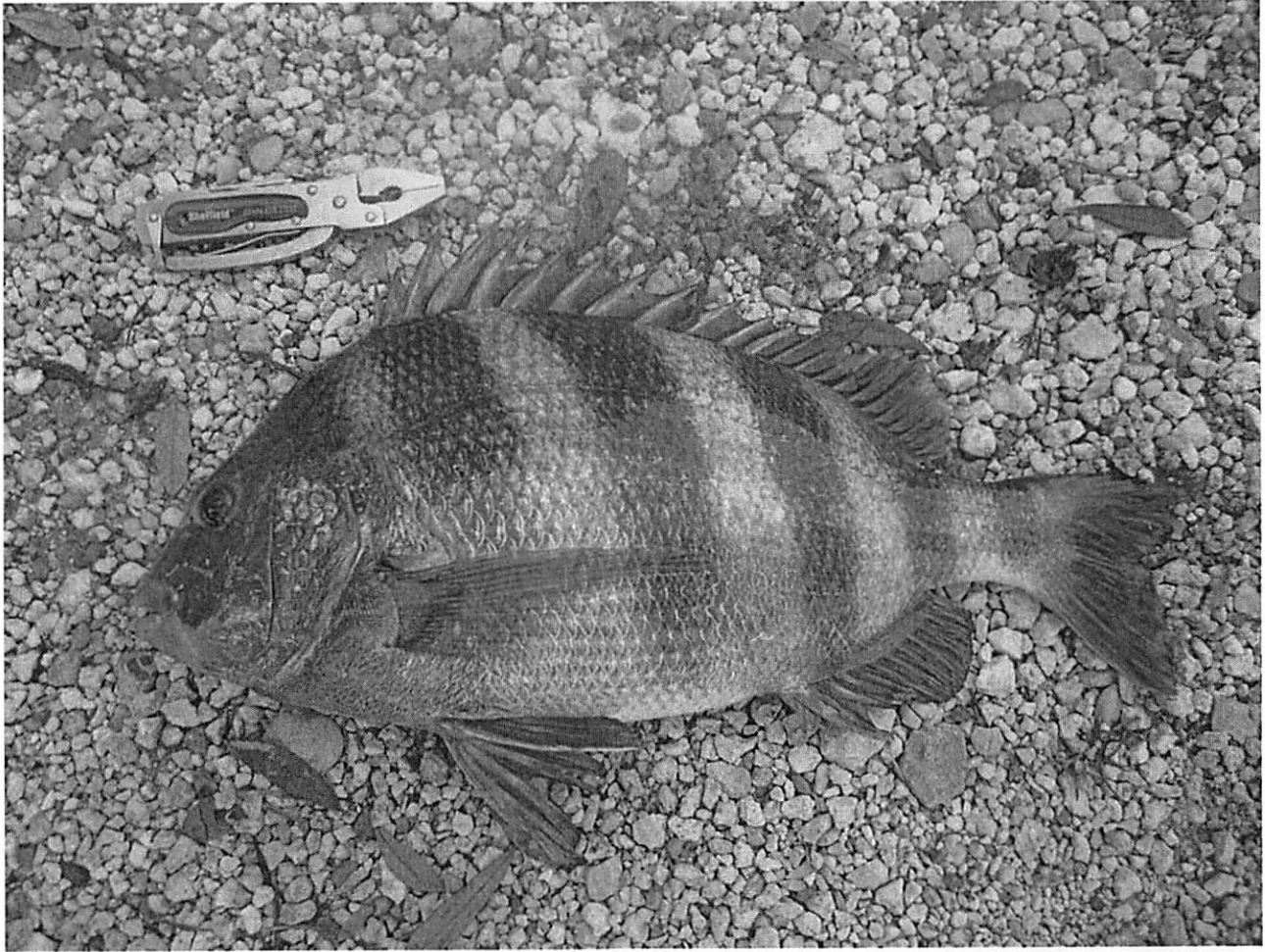
**Red Drum** (*Sciaenops ocellatus*)

Alabama, Mobile County

Campsite Beach

March 20, 2014





**Sheepshead** (*Archosargus probatocephalus*)

Alabama, Mobile County

Campsite

March 18, 2014



## Kansas

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**Freshwater Drum** (*Aplodinotus grunniens*)

Humboldt, Kansas    Allen County

Neosho River

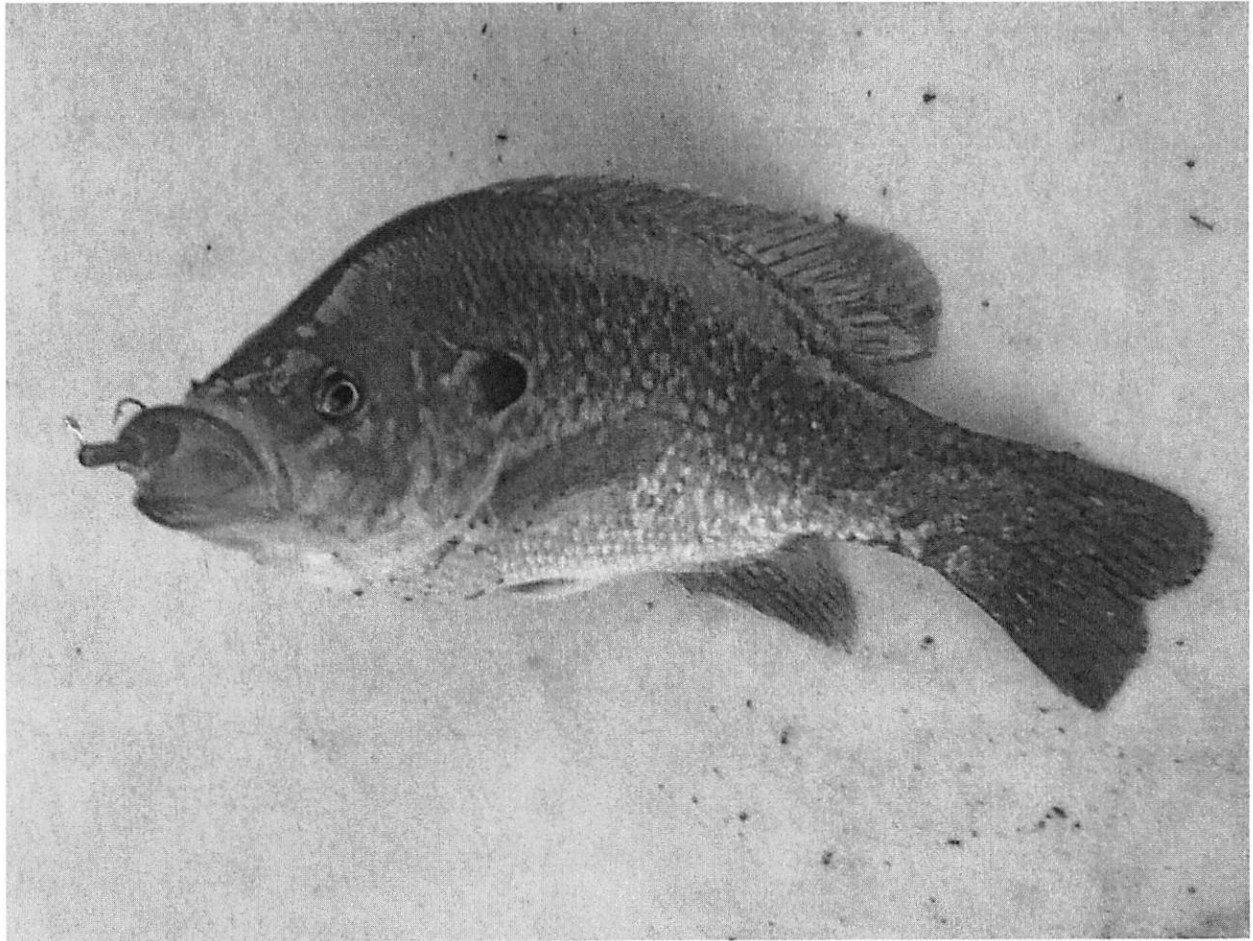
April 20, 2014





**Common Carp** (*Cyprinus carpio*)  
Humboldt, Kansas   Allen County  
Neosho River  
April 20, 2014





**Bluegill** (*Lepomis macrochirus*)  
Humboldt, Kansas Allen County  
Family Quarry  
April 19, 2014





**Striped Bass** (*Morone saxatilis*)  
Humboldt, Kansas   Allen County  
Family Quarry  
April 19, 2014





**Largemouth Bass** (*Micropterus salmoides*)

Humboldt, Kansas   Allen County

Family Quarry

April 19, 2014